

Form 605

Corporations Act 2001
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme CSL Limited

ACN/ARSN 051 588 348

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 2 November 2018

The previous notice was dated 2 November 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 4.690% 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	CSL Limited
ACN/ARSN	051 588 348
Substantial Holder Name	Vanguard Group
ACN/ARSN	N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Nov-2018	The Vanguard Group, Inc.	BUY	190.01	Ordinary	15,244	15,244
1-Nov-2018	The Vanguard Group, Inc.	BUY	189.28	Ordinary	5,080	5,080
1-Nov-2018	The Vanguard Group, Inc.	SELL	190.02	Ordinary	(225)	(225)
1-Nov-2018	The Vanguard Group, Inc.	SELL	188.28	Ordinary	(29,643)	(29,643)
2-Nov-2018	The Vanguard Group, Inc.	BUY	191.73	Ordinary	10,389	10,389
2-Nov-2018	The Vanguard Group, Inc.	BUY	191.73	Ordinary	4,799	4,799
2-Nov-2018	The Vanguard Group, Inc.	BUY	191.73	Ordinary	2,055	2,055
2-Nov-2018	The Vanguard Group, Inc.	SELL	192.18	Ordinary	(10,172)	(10,172)
5-Nov-2018	The Vanguard Group, Inc.	BUY	191.97	Ordinary	197	197
5-Nov-2018	The Vanguard Group, Inc.	SELL	187.52	Ordinary	(3,401)	(3,401)
7-Nov-2018	The Vanguard Group, Inc.	BUY	189.83	Ordinary	4,064	4,064
9-Nov-2018	The Vanguard Group, Inc.	BUY	194.45	Ordinary	320	320
9-Nov-2018	The Vanguard Group, Inc.	SELL	190.58	Ordinary	(899)	(899)
9-Nov-2018	The Vanguard Group, Inc.	BUY	190.58	Ordinary	74	74
12-Nov-2018	The Vanguard Group, Inc.	BUY	190.67	Ordinary	3,048	3,048
12-Nov-2018	The Vanguard Group, Inc.	BUY	190.67	Ordinary	3,984	3,984
13-Nov-2018	The Vanguard Group, Inc.	BUY	189.65	Ordinary	6,457	6,457
13-Nov-2018	The Vanguard Group, Inc.	BUY	189.65	Ordinary	56	56
13-Nov-2018	The Vanguard Group, Inc.	BUY	189.65	Ordinary	976	976
13-Nov-2018	The Vanguard Group, Inc.	BUY	187.89	Ordinary	1,857	1,857
14-Nov-2018	The Vanguard Group, Inc.	BUY	183.11	Ordinary	3,048	3,048
14-Nov-2018	The Vanguard Group, Inc.	BUY	183.11	Ordinary	4,064	4,064
14-Nov-2018	The Vanguard Group, Inc.	BUY	183.11	Ordinary	1,494	1,494
15-Nov-2018	The Vanguard Group, Inc.	BUY	185.00	Ordinary	8,358	8,358
15-Nov-2018	The Vanguard Group, Inc.	BUY	185.18	Ordinary	1,664	1,664
15-Nov-2018	The Vanguard Group, Inc.	BUY	184.26	Ordinary	391	391
16-Nov-2018	The Vanguard Group, Inc.	BUY	184.96	Ordinary	7,490	7,490
16-Nov-2018	The Vanguard Group, Inc.	BUY	184.96	Ordinary	866	866
21-Nov-2018	The Vanguard Group, Inc.	BUY	179.14	Ordinary	4,064	4,064
23-Nov-2018	The Vanguard Group, Inc.	BUY	182.32	Ordinary	13	13
27-Nov-2018	The Vanguard Group, Inc.	BUY	180.24	Ordinary	245	245
27-Nov-2018	The Vanguard Group, Inc.	BUY	179.50	Ordinary	324	324
27-Nov-2018	The Vanguard Group, Inc.	BUY	179.50	Ordinary	279	279
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	2,646	2,646
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	441	441
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	2,540	2,540
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	830	830
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	498	498
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	1,660	1,660
28-Nov-2018	The Vanguard Group, Inc.	BUY	182.03	Ordinary	2,268	2,268
29-Nov-2018	The Vanguard Group, Inc.	BUY	180.44	Ordinary	2,822	2,822
30-Nov-2018	The Vanguard Group, Inc.	BUY	182.39	Ordinary	4,091	4,091
30-Nov-2018	The Vanguard Group, Inc.	BUY	178.36	Ordinary	145	145
30-Nov-2018	The Vanguard Group, Inc.	SELL	177.40	Ordinary	(17,326)	(17,326)
30-Nov-2018	The Vanguard Group, Inc.	BUY	177.92	Ordinary	2,927	2,927
30-Nov-2018	The Vanguard Group, Inc.	SELL	177.91	Ordinary	(12,542)	(12,542)
3-Dec-2018	The Vanguard Group, Inc.	BUY	182.60	Ordinary	290	290
3-Dec-2018	The Vanguard Group, Inc.	SELL	183.49	Ordinary	(2,016)	(2,016)
4-Dec-2018	The Vanguard Group, Inc.	BUY	182.12	Ordinary	6,632	6,632
4-Dec-2018	The Vanguard Group, Inc.	BUY	178.11	Ordinary	1,664	1,664
4-Dec-2018	The Vanguard Group, Inc.	BUY	178.11	Ordinary	4,064	4,064
4-Dec-2018	The Vanguard Group, Inc.	BUY	181.78	Ordinary	593	593
4-Dec-2018	The Vanguard Group, Inc.	BUY	181.78	Ordinary	4,571	4,571
5-Dec-2018	The Vanguard Group, Inc.	BUY	176.33	Ordinary	5,080	5,080
5-Dec-2018	The Vanguard Group, Inc.	BUY	176.33	Ordinary	303	303
5-Dec-2018	The Vanguard Group, Inc.	BUY	179.75	Ordinary	2,259	2,259
6-Dec-2018	The Vanguard Group, Inc.	BUY	179.83	Ordinary	1,248	1,248
6-Dec-2018	The Vanguard Group, Inc.	SELL	179.24	Ordinary	(340)	(340)
6-Dec-2018	The Vanguard Group, Inc.	BUY	179.24	Ordinary	3,049	3,049
7-Dec-2018	The Vanguard Group, Inc.	BUY	182.72	Ordinary	765	765
7-Dec-2018	The Vanguard Group, Inc.	BUY	182.72	Ordinary	12,521	12,521
7-Dec-2018	The Vanguard Group, Inc.	BUY	182.72	Ordinary	2,993	2,993

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
7-Dec-2018	The Vanguard Group, Inc.	BUY	181.36	Ordinary	4,064	4,064
7-Dec-2018	The Vanguard Group, Inc.	BUY	181.36	Ordinary	3,556	3,556
7-Dec-2018	The Vanguard Group, Inc.	SELL	180.07	Ordinary	(236)	(236)
7-Dec-2018	The Vanguard Group, Inc.	BUY	182.72	Ordinary	218	218
7-Dec-2018	The Vanguard Group, Inc.	BUY	183.90	Ordinary	336	336
10-Dec-2018	The Vanguard Group, Inc.	BUY	182.27	Ordinary	3,677	3,677
10-Dec-2018	The Vanguard Group, Inc.	BUY	176.64	Ordinary	2,421	2,421
11-Dec-2018	The Vanguard Group, Inc.	BUY	179.04	Ordinary	6,879	6,879
11-Dec-2018	The Vanguard Group, Inc.	BUY	180.55	Ordinary	4,064	4,064
11-Dec-2018	The Vanguard Group, Inc.	BUY	180.55	Ordinary	3,048	3,048
12-Dec-2018	The Vanguard Group, Inc.	BUY	182.79	Ordinary	8,371	8,371
12-Dec-2018	The Vanguard Group, Inc.	BUY	181.73	Ordinary	8,636	8,636
12-Dec-2018	The Vanguard Group, Inc.	BUY	181.73	Ordinary	3,048	3,048
12-Dec-2018	The Vanguard Group, Inc.	BUY	181.73	Ordinary	3,048	3,048
12-Dec-2018	The Vanguard Group, Inc.	BUY	181.73	Ordinary	1,296	1,296
12-Dec-2018	The Vanguard Group, Inc.	SELL	182.94	Ordinary	(188)	(188)
13-Dec-2018	The Vanguard Group, Inc.	BUY	179.66	Ordinary	2,268	2,268
13-Dec-2018	The Vanguard Group, Inc.	BUY	181.65	Ordinary	27	27
13-Dec-2018	The Vanguard Group, Inc.	BUY	181.65	Ordinary	115	115
14-Dec-2018	The Vanguard Group, Inc.	BUY	178.37	Ordinary	3,048	3,048
14-Dec-2018	The Vanguard Group, Inc.	BUY	178.37	Ordinary	996	996
14-Dec-2018	The Vanguard Group, Inc.	BUY	178.37	Ordinary	972	972
14-Dec-2018	The Vanguard Group, Inc.	SELL	180.15	Ordinary	(335)	(335)
14-Dec-2018	The Vanguard Group, Inc.	BUY	180.15	Ordinary	169	169
14-Dec-2018	The Vanguard Group, Inc.	BUY	181.32	Ordinary	35	35
17-Dec-2018	The Vanguard Group, Inc.	BUY	180.64	Ordinary	6,096	6,096
17-Dec-2018	The Vanguard Group, Inc.	BUY	180.64	Ordinary	3,240	3,240
17-Dec-2018	The Vanguard Group, Inc.	SELL	183.74	Ordinary	(2,600)	(2,600)
18-Dec-2018	The Vanguard Group, Inc.	BUY	181.37	Ordinary	188	188
20-Dec-2018	The Vanguard Group, Inc.	BUY	175.70	Ordinary	4,064	4,064
20-Dec-2018	The Vanguard Group, Inc.	SELL	175.65	Ordinary	(1,733)	(1,733)
20-Dec-2018	The Vanguard Group, Inc.	SELL	175.65	Ordinary	(16,451)	(16,451)
20-Dec-2018	The Vanguard Group, Inc.	BUY	175.65	Ordinary	3,492	3,492
21-Dec-2018	The Vanguard Group, Inc.	SELL	177.73	Ordinary	(6,668)	(6,668)
21-Dec-2018	The Vanguard Group, Inc.	SELL	177.73	Ordinary	(14,763)	(14,763)
21-Dec-2018	The Vanguard Group, Inc.	SELL	177.73	Ordinary	(275)	(275)
21-Dec-2018	The Vanguard Group, Inc.	SELL	177.73	Ordinary	(2,082)	(2,082)
21-Dec-2018	The Vanguard Group, Inc.	SELL	177.73	Ordinary	(3,393)	(3,393)
21-Dec-2018	The Vanguard Group, Inc.	SELL	177.73	Ordinary	(26)	(26)
21-Dec-2018	The Vanguard Group, Inc.	BUY	177.17	Ordinary	7	7
21-Dec-2018	The Vanguard Group, Inc.	BUY	177.17	Ordinary	59	59
21-Dec-2018	The Vanguard Group, Inc.	BUY	177.17	Ordinary	82	82
24-Dec-2018	The Vanguard Group, Inc.	BUY	174.72	Ordinary	3,280	3,280
24-Dec-2018	The Vanguard Group, Inc.	BUY	174.72	Ordinary	5,248	5,248
24-Dec-2018	The Vanguard Group, Inc.	BUY	175.35	Ordinary	1	1
24-Dec-2018	The Vanguard Group, Inc.	BUY	175.35	Ordinary	14	14
24-Dec-2018	The Vanguard Group, Inc.	BUY	175.35	Ordinary	19	19
26-Dec-2018	The Vanguard Group, Inc.	BUY	180.69	Ordinary	2,145	2,145
26-Dec-2018	The Vanguard Group, Inc.	BUY	180.69	Ordinary	1,968	1,968
27-Dec-2018	The Vanguard Group, Inc.	BUY	186.49	Ordinary	560	560
27-Dec-2018	The Vanguard Group, Inc.	BUY	181.39	Ordinary	2,209	2,209
27-Dec-2018	The Vanguard Group, Inc.	BUY	186.49	Ordinary	4,920	4,920
27-Dec-2018	The Vanguard Group, Inc.	BUY	186.49	Ordinary	1,640	1,640
27-Dec-2018	The Vanguard Group, Inc.	BUY	186.49	Ordinary	984	984
27-Dec-2018	The Vanguard Group, Inc.	BUY	186.49	Ordinary	290	290
27-Dec-2018	The Vanguard Group, Inc.	BUY	184.29	Ordinary	8	8
28-Dec-2018	The Vanguard Group, Inc.	BUY	185.62	Ordinary	1,938	1,938
28-Dec-2018	The Vanguard Group, Inc.	BUY	186.75	Ordinary	825	825
28-Dec-2018	The Vanguard Group, Inc.	BUY	185.62	Ordinary	5,937	5,937
28-Dec-2018	The Vanguard Group, Inc.	BUY	185.62	Ordinary	2,577	2,577
28-Dec-2018	The Vanguard Group, Inc.	BUY	185.62	Ordinary	31	31
28-Dec-2018	The Vanguard Group, Inc.	BUY	186.49	Ordinary	324	324
31-Dec-2018	The Vanguard Group, Inc.	BUY	185.44	Ordinary	2,688	2,688
31-Dec-2018	The Vanguard Group, Inc.	BUY	188.00	Ordinary	839	839
2-Jan-2019	The Vanguard Group, Inc.	BUY	188.80	Ordinary	2,016	2,016
2-Jan-2019	The Vanguard Group, Inc.	BUY	188.80	Ordinary	784	784
2-Jan-2019	The Vanguard Group, Inc.	BUY	188.80	Ordinary	1,155	1,155
2-Jan-2019	The Vanguard Group, Inc.	BUY	188.80	Ordinary	2,145	2,145

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
2-Jan-2019	The Vanguard Group, Inc.	BUY	185.17	Ordinary	531	531
2-Jan-2019	The Vanguard Group, Inc.	BUY	188.80	Ordinary	1,968	1,968
2-Jan-2019	The Vanguard Group, Inc.	BUY	188.80	Ordinary	2,296	2,296
2-Jan-2019	The Vanguard Group, Inc.	BUY	185.38	Ordinary	2,916	2,916
3-Jan-2019	The Vanguard Group, Inc.	BUY	188.88	Ordinary	29,309	29,309
3-Jan-2019	The Vanguard Group, Inc.	BUY	188.79	Ordinary	1,640	1,640
3-Jan-2019	The Vanguard Group, Inc.	BUY	188.88	Ordinary	220	220
3-Jan-2019	The Vanguard Group, Inc.	BUY	188.88	Ordinary	311	311
4-Jan-2019	The Vanguard Group, Inc.	BUY	186.49	Ordinary	12,668	12,668
4-Jan-2019	The Vanguard Group, Inc.	BUY	186.49	Ordinary	5,005	5,005
4-Jan-2019	The Vanguard Group, Inc.	BUY	186.49	Ordinary	11	11
4-Jan-2019	The Vanguard Group, Inc.	BUY	188.53	Ordinary	209	209
7-Jan-2019	The Vanguard Group, Inc.	BUY	188.48	Ordinary	656	656
8-Jan-2019	The Vanguard Group, Inc.	BUY	191.00	Ordinary	725	725
8-Jan-2019	The Vanguard Group, Inc.	BUY	191.00	Ordinary	1,520	1,520
8-Jan-2019	The Vanguard Group, Inc.	SELL	187.49	Ordinary	(226)	(226)
8-Jan-2019	The Vanguard Group, Inc.	SELL	189.64	Ordinary	(9,116)	(9,116)
8-Jan-2019	The Vanguard Group, Inc.	BUY	189.92	Ordinary	644	644
9-Jan-2019	The Vanguard Group, Inc.	BUY	196.07	Ordinary	1,155	1,155
9-Jan-2019	The Vanguard Group, Inc.	SELL	194.34	Ordinary	(4,899)	(4,899)
9-Jan-2019	The Vanguard Group, Inc.	BUY	192.31	Ordinary	32	32
10-Jan-2019	The Vanguard Group, Inc.	BUY	197.66	Ordinary	1,792	1,792
10-Jan-2019	The Vanguard Group, Inc.	BUY	196.14	Ordinary	4,826	4,826
10-Jan-2019	The Vanguard Group, Inc.	BUY	197.66	Ordinary	912	912
10-Jan-2019	The Vanguard Group, Inc.	SELL	195.47	Ordinary	(4,748)	(4,748)
10-Jan-2019	The Vanguard Group, Inc.	BUY	196.47	Ordinary	2,331	2,331
11-Jan-2019	The Vanguard Group, Inc.	BUY	196.47	Ordinary	672	672
11-Jan-2019	The Vanguard Group, Inc.	BUY	196.47	Ordinary	1,980	1,980
11-Jan-2019	The Vanguard Group, Inc.	BUY	196.47	Ordinary	290	290
11-Jan-2019	The Vanguard Group, Inc.	BUY	196.47	Ordinary	304	304
14-Jan-2019	The Vanguard Group, Inc.	BUY	195.29	Ordinary	1,155	1,155
14-Jan-2019	The Vanguard Group, Inc.	BUY	194.38	Ordinary	8	8
15-Jan-2019	The Vanguard Group, Inc.	BUY	195.37	Ordinary	5,182	5,182
15-Jan-2019	The Vanguard Group, Inc.	SELL	197.91	Ordinary	(2,760)	(2,760)
15-Jan-2019	The Vanguard Group, Inc.	BUY	197.91	Ordinary	63	63
15-Jan-2019	The Vanguard Group, Inc.	BUY	195.37	Ordinary	3,199	3,199
16-Jan-2019	The Vanguard Group, Inc.	BUY	197.97	Ordinary	1,220	1,220
17-Jan-2019	The Vanguard Group, Inc.	SELL	197.74	Ordinary	(699)	(699)
17-Jan-2019	The Vanguard Group, Inc.	SELL	198.73	Ordinary	(3,030)	(3,030)
17-Jan-2019	The Vanguard Group, Inc.	BUY	197.74	Ordinary	224	224
17-Jan-2019	The Vanguard Group, Inc.	BUY	196.38	Ordinary	473	473
17-Jan-2019	The Vanguard Group, Inc.	SELL	196.38	Ordinary	(3,549)	(3,549)
18-Jan-2019	The Vanguard Group, Inc.	BUY	197.01	Ordinary	5,286	5,286
18-Jan-2019	The Vanguard Group, Inc.	BUY	197.01	Ordinary	145	145
18-Jan-2019	The Vanguard Group, Inc.	SELL	196.65	Ordinary	(191)	(191)
18-Jan-2019	The Vanguard Group, Inc.	SELL	196.19	Ordinary	(1,098)	(1,098)
21-Jan-2019	The Vanguard Group, Inc.	BUY	197.25	Ordinary	47	47
22-Jan-2019	The Vanguard Group, Inc.	SELL	195.27	Ordinary	(3,030)	(3,030)
22-Jan-2019	The Vanguard Group, Inc.	BUY	195.70	Ordinary	166	166
22-Jan-2019	The Vanguard Group, Inc.	BUY	195.70	Ordinary	92	92
23-Jan-2019	The Vanguard Group, Inc.	BUY	197.19	Ordinary	8,028	8,028
23-Jan-2019	The Vanguard Group, Inc.	BUY	197.19	Ordinary	2,521	2,521
23-Jan-2019	The Vanguard Group, Inc.	SELL	197.55	Ordinary	(6,565)	(6,565)
23-Jan-2019	The Vanguard Group, Inc.	BUY	197.50	Ordinary	441	441
24-Jan-2019	The Vanguard Group, Inc.	BUY	198.00	Ordinary	716	716
24-Jan-2019	The Vanguard Group, Inc.	BUY	199.60	Ordinary	1,216	1,216
24-Jan-2019	The Vanguard Group, Inc.	SELL	199.60	Ordinary	(6,565)	(6,565)
24-Jan-2019	The Vanguard Group, Inc.	BUY	198.86	Ordinary	14	14
24-Jan-2019	The Vanguard Group, Inc.	BUY	198.00	Ordinary	189	189
24-Jan-2019	The Vanguard Group, Inc.	BUY	198.86	Ordinary	6,590	6,590
24-Jan-2019	The Vanguard Group, Inc.	BUY	198.86	Ordinary	331	331
25-Jan-2019	The Vanguard Group, Inc.	BUY	199.34	Ordinary	284	284
28-Jan-2019	The Vanguard Group, Inc.	SELL	198.58	Ordinary	(1,968)	(1,968)
29-Jan-2019	The Vanguard Group, Inc.	BUY	195.41	Ordinary	912	912
29-Jan-2019	The Vanguard Group, Inc.	SELL	195.41	Ordinary	(4,040)	(4,040)
29-Jan-2019	The Vanguard Group, Inc.	SELL	195.41	Ordinary	(4,040)	(4,040)
29-Jan-2019	The Vanguard Group, Inc.	SELL	195.41	Ordinary	(9,595)	(9,595)
29-Jan-2019	The Vanguard Group, Inc.	SELL	195.41	Ordinary	(990)	(990)

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
29-Jan-2019	The Vanguard Group, Inc.	SELL	197.21	Ordinary	(164)	(164)
29-Jan-2019	The Vanguard Group, Inc.	SELL	195.41	Ordinary	(1,312)	(1,312)
29-Jan-2019	The Vanguard Group, Inc.	BUY	194.49	Ordinary	211	211
29-Jan-2019	The Vanguard Group, Inc.	BUY	197.21	Ordinary	25	25
30-Jan-2019	The Vanguard Group, Inc.	BUY	195.58	Ordinary	784	784
30-Jan-2019	The Vanguard Group, Inc.	SELL	195.58	Ordinary	(1,968)	(1,968)
30-Jan-2019	The Vanguard Group, Inc.	SELL	194.73	Ordinary	(2,863)	(2,863)
30-Jan-2019	The Vanguard Group, Inc.	BUY	194.73	Ordinary	12,485	12,485
31-Jan-2019	The Vanguard Group, Inc.	BUY	196.08	Ordinary	2,963	2,963
31-Jan-2019	The Vanguard Group, Inc.	SELL	195.62	Ordinary	(825)	(825)
31-Jan-2019	The Vanguard Group, Inc.	SELL	195.62	Ordinary	(5,576)	(5,576)
31-Jan-2019	The Vanguard Group, Inc.	BUY	196.08	Ordinary	1,055	1,055
31-Jan-2019	The Vanguard Group, Inc.	BUY	194.72	Ordinary	57	57
1-Feb-2019	The Vanguard Group, Inc.	BUY	194.95	Ordinary	608	608
4-Feb-2019	The Vanguard Group, Inc.	SELL	195.01	Ordinary	(1,320)	(1,320)
4-Feb-2019	The Vanguard Group, Inc.	SELL	195.01	Ordinary	(1,155)	(1,155)
5-Feb-2019	The Vanguard Group, Inc.	BUY	193.41	Ordinary	1,232	1,232
5-Feb-2019	The Vanguard Group, Inc.	SELL	193.41	Ordinary	(1,155)	(1,155)
5-Feb-2019	The Vanguard Group, Inc.	BUY	193.60	Ordinary	445	445
7-Feb-2019	The Vanguard Group, Inc.	BUY	191.21	Ordinary	2,240	2,240
7-Feb-2019	The Vanguard Group, Inc.	SELL	191.21	Ordinary	(3,464)	(3,464)
7-Feb-2019	The Vanguard Group, Inc.	SELL	191.21	Ordinary	(1,320)	(1,320)
7-Feb-2019	The Vanguard Group, Inc.	SELL	191.21	Ordinary	(1,312)	(1,312)
7-Feb-2019	The Vanguard Group, Inc.	SELL	191.21	Ordinary	(1,312)	(1,312)
7-Feb-2019	The Vanguard Group, Inc.	SELL	190.85	Ordinary	(548)	(548)
8-Feb-2019	The Vanguard Group, Inc.	BUY	193.96	Ordinary	7,389	7,389
8-Feb-2019	The Vanguard Group, Inc.	BUY	193.96	Ordinary	1,231	1,231
8-Feb-2019	The Vanguard Group, Inc.	BUY	195.16	Ordinary	912	912
8-Feb-2019	The Vanguard Group, Inc.	SELL	195.16	Ordinary	(4,264)	(4,264)
8-Feb-2019	The Vanguard Group, Inc.	BUY	194.53	Ordinary	5,707	5,707
11-Feb-2019	The Vanguard Group, Inc.	SELL	191.33	Ordinary	(2,952)	(2,952)
11-Feb-2019	The Vanguard Group, Inc.	BUY	191.29	Ordinary	9,027	9,027
12-Feb-2019	The Vanguard Group, Inc.	SELL	193.69	Ordinary	(23,520)	(23,520)
13-Feb-2019	The Vanguard Group, Inc.	BUY	196.60	Ordinary	6,050	6,050
13-Feb-2019	The Vanguard Group, Inc.	SELL	186.37	Ordinary	(1,968)	(1,968)
13-Feb-2019	The Vanguard Group, Inc.	BUY	196.60	Ordinary	47	47
14-Feb-2019	The Vanguard Group, Inc.	BUY	185.86	Ordinary	238	238
14-Feb-2019	The Vanguard Group, Inc.	BUY	186.39	Ordinary	6,378	6,378
14-Feb-2019	The Vanguard Group, Inc.	BUY	187.11	Ordinary	4,256	4,256
15-Feb-2019	The Vanguard Group, Inc.	BUY	186.79	Ordinary	7,799	7,799
15-Feb-2019	The Vanguard Group, Inc.	SELL	186.38	Ordinary	(330)	(330)
15-Feb-2019	The Vanguard Group, Inc.	SELL	187.35	Ordinary	(140)	(140)
18-Feb-2019	The Vanguard Group, Inc.	BUY	187.04	Ordinary	1,602	1,602
20-Feb-2019	The Vanguard Group, Inc.	BUY	186.13	Ordinary	7,133	7,133
20-Feb-2019	The Vanguard Group, Inc.	BUY	186.13	Ordinary	4,132	4,132
20-Feb-2019	The Vanguard Group, Inc.	SELL	185.35	Ordinary	(2,199)	(2,199)
20-Feb-2019	The Vanguard Group, Inc.	BUY	185.35	Ordinary	292	292
20-Feb-2019	The Vanguard Group, Inc.	SELL	186.74	Ordinary	(136)	(136)
20-Feb-2019	The Vanguard Group, Inc.	BUY	185.35	Ordinary	7,741	7,741
21-Feb-2019	The Vanguard Group, Inc.	BUY	187.84	Ordinary	6,927	6,927
21-Feb-2019	The Vanguard Group, Inc.	SELL	185.07	Ordinary	(1,155)	(1,155)
21-Feb-2019	The Vanguard Group, Inc.	SELL	185.07	Ordinary	(1,640)	(1,640)
21-Feb-2019	The Vanguard Group, Inc.	BUY	185.50	Ordinary	115	115
22-Feb-2019	The Vanguard Group, Inc.	BUY	187.00	Ordinary	2,921	2,921
22-Feb-2019	The Vanguard Group, Inc.	SELL	187.26	Ordinary	(4,785)	(4,785)
22-Feb-2019	The Vanguard Group, Inc.	BUY	187.00	Ordinary	47	47
26-Feb-2019	The Vanguard Group, Inc.	BUY	187.60	Ordinary	2,525	2,525
26-Feb-2019	The Vanguard Group, Inc.	BUY	187.25	Ordinary	136	136
28-Feb-2019	The Vanguard Group, Inc.	BUY	193.63	Ordinary	77	77
28-Feb-2019	The Vanguard Group, Inc.	SELL	188.03	Ordinary	(1,211)	(1,211)
28-Feb-2019	The Vanguard Group, Inc.	SELL	193.76	Ordinary	(8,303)	(8,303)
28-Feb-2019	The Vanguard Group, Inc.	BUY	193.76	Ordinary	32	32
28-Feb-2019	The Vanguard Group, Inc.	BUY	193.63	Ordinary	420	420
1-Mar-2019	The Vanguard Group, Inc.	BUY	195.66	Ordinary	2,714	2,714
1-Mar-2019	The Vanguard Group, Inc.	SELL	195.66	Ordinary	(8,468)	(8,468)
1-Mar-2019	The Vanguard Group, Inc.	BUY	195.66	Ordinary	339	339
1-Mar-2019	The Vanguard Group, Inc.	SELL	195.66	Ordinary	(1,594)	(1,594)
1-Mar-2019	The Vanguard Group, Inc.	SELL	195.66	Ordinary	(1,125)	(1,125)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-Mar-2019	The Vanguard Group, Inc.	BUY	198.91	Ordinary	10,435	10,435
4-Mar-2019	The Vanguard Group, Inc.	SELL	198.91	Ordinary	(8,660)	(8,660)
4-Mar-2019	The Vanguard Group, Inc.	BUY	198.91	Ordinary	316	316
4-Mar-2019	The Vanguard Group, Inc.	SELL	198.91	Ordinary	(1,041)	(1,041)
5-Mar-2019	The Vanguard Group, Inc.	BUY	199.20	Ordinary	4,980	4,980
5-Mar-2019	The Vanguard Group, Inc.	BUY	197.93	Ordinary	3,030	3,030
5-Mar-2019	The Vanguard Group, Inc.	BUY	197.99	Ordinary	50	50
5-Mar-2019	The Vanguard Group, Inc.	SELL	197.99	Ordinary	(2,198)	(2,198)
6-Mar-2019	The Vanguard Group, Inc.	BUY	198.00	Ordinary	1,155	1,155
6-Mar-2019	The Vanguard Group, Inc.	BUY	198.00	Ordinary	288	288
6-Mar-2019	The Vanguard Group, Inc.	BUY	197.99	Ordinary	1,214	1,214
7-Mar-2019	The Vanguard Group, Inc.	BUY	199.52	Ordinary	105	105
8-Mar-2019	The Vanguard Group, Inc.	BUY	198.67	Ordinary	2,525	2,525
8-Mar-2019	The Vanguard Group, Inc.	BUY	199.72	Ordinary	1,124	1,124
8-Mar-2019	The Vanguard Group, Inc.	BUY	199.41	Ordinary	123	123
8-Mar-2019	The Vanguard Group, Inc.	BUY	199.17	Ordinary	166	166
8-Mar-2019	The Vanguard Group, Inc.	BUY	199.41	Ordinary	56	56
11-Mar-2019	The Vanguard Group, Inc.	BUY	200.60	Ordinary	6,153	6,153
11-Mar-2019	The Vanguard Group, Inc.	SELL	200.64	Ordinary	(1,530)	(1,530)
12-Mar-2019	The Vanguard Group, Inc.	BUY	200.21	Ordinary	13,943	13,943
12-Mar-2019	The Vanguard Group, Inc.	BUY	200.20	Ordinary	855	855
12-Mar-2019	The Vanguard Group, Inc.	SELL	198.61	Ordinary	(1,600)	(1,600)
14-Mar-2019	The Vanguard Group, Inc.	BUY	195.75	Ordinary	17,499	17,499
14-Mar-2019	The Vanguard Group, Inc.	SELL	196.19	Ordinary	(5,240)	(5,240)
14-Mar-2019	The Vanguard Group, Inc.	BUY	196.19	Ordinary	46	46
15-Mar-2019	The Vanguard Group, Inc.	BUY	196.08	Ordinary	630	630
15-Mar-2019	The Vanguard Group, Inc.	BUY	195.93	Ordinary	140	140
15-Mar-2019	The Vanguard Group, Inc.	SELL	195.93	Ordinary	(2,683)	(2,683)
15-Mar-2019	The Vanguard Group, Inc.	SELL	196.08	Ordinary	(23,686)	(23,686)
15-Mar-2019	The Vanguard Group, Inc.	BUY	195.93	Ordinary	3	3
15-Mar-2019	The Vanguard Group, Inc.	BUY	196.08	Ordinary	16	16
15-Mar-2019	The Vanguard Group, Inc.	SELL	195.93	Ordinary	(35)	(35)
15-Mar-2019	The Vanguard Group, Inc.	BUY	196.08	Ordinary	42	42
15-Mar-2019	The Vanguard Group, Inc.	BUY	195.93	Ordinary	9	9
15-Mar-2019	The Vanguard Group, Inc.	BUY	195.93	Ordinary	304	304
15-Mar-2019	The Vanguard Group, Inc.	SELL	195.93	Ordinary	(1,010)	(1,010)
15-Mar-2019	The Vanguard Group, Inc.	BUY	195.93	Ordinary	42	42
15-Mar-2019	The Vanguard Group, Inc.	BUY	196.08	Ordinary	194	194
18-Mar-2019	The Vanguard Group, Inc.	BUY	197.31	Ordinary	1,568	1,568
19-Mar-2019	The Vanguard Group, Inc.	BUY	193.58	Ordinary	3,194	3,194
20-Mar-2019	The Vanguard Group, Inc.	BUY	192.86	Ordinary	7,170	7,170
20-Mar-2019	The Vanguard Group, Inc.	BUY	194.04	Ordinary	1,515	1,515
21-Mar-2019	The Vanguard Group, Inc.	BUY	194.23	Ordinary	201	201
21-Mar-2019	The Vanguard Group, Inc.	BUY	193.45	Ordinary	53	53
21-Mar-2019	The Vanguard Group, Inc.	BUY	193.68	Ordinary	166	166
22-Mar-2019	The Vanguard Group, Inc.	BUY	196.74	Ordinary	6,650	6,650
22-Mar-2019	The Vanguard Group, Inc.	BUY	196.74	Ordinary	881	881
25-Mar-2019	The Vanguard Group, Inc.	SELL	195.01	Ordinary	(2,908)	(2,908)
26-Mar-2019	The Vanguard Group, Inc.	BUY	195.35	Ordinary	6,475	6,475
26-Mar-2019	The Vanguard Group, Inc.	BUY	194.24	Ordinary	11,866	11,866
27-Mar-2019	The Vanguard Group, Inc.	BUY	192.91	Ordinary	8,933	8,933
27-Mar-2019	The Vanguard Group, Inc.	SELL	192.50	Ordinary	(290)	(290)
27-Mar-2019	The Vanguard Group, Inc.	BUY	192.91	Ordinary	79	79
27-Mar-2019	The Vanguard Group, Inc.	SELL	192.33	Ordinary	(68)	(68)
28-Mar-2019	The Vanguard Group, Inc.	SELL	193.60	Ordinary	(1,335)	(1,335)
29-Mar-2019	The Vanguard Group, Inc.	BUY	194.94	Ordinary	17,079	17,079
29-Mar-2019	The Vanguard Group, Inc.	SELL	195.41	Ordinary	(825)	(825)
29-Mar-2019	The Vanguard Group, Inc.	BUY	195.00	Ordinary	516	516
29-Mar-2019	The Vanguard Group, Inc.	SELL	194.94	Ordinary	(6,118)	(6,118)
1-Apr-2019	The Vanguard Group, Inc.	BUY	198.06	Ordinary	2,020	2,020
1-Apr-2019	The Vanguard Group, Inc.	BUY	197.65	Ordinary	370	370
1-Apr-2019	The Vanguard Group, Inc.	BUY	197.58	Ordinary	195	195
2-Apr-2019	The Vanguard Group, Inc.	BUY	199.74	Ordinary	11,646	11,646
3-Apr-2019	The Vanguard Group, Inc.	BUY	201.80	Ordinary	10,459	10,459
4-Apr-2019	The Vanguard Group, Inc.	BUY	199.25	Ordinary	223	223
4-Apr-2019	The Vanguard Group, Inc.	BUY	199.25	Ordinary	880	880
4-Apr-2019	The Vanguard Group, Inc.	SELL	199.25	Ordinary	(3,459)	(3,459)
5-Apr-2019	The Vanguard Group, Inc.	BUY	197.47	Ordinary	2,240	2,240

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5-Apr-2019	The Vanguard Group, Inc.	BUY	199.95	Ordinary	1,265	1,265
5-Apr-2019	The Vanguard Group, Inc.	BUY	199.95	Ordinary	58	58
8-Apr-2019	The Vanguard Group, Inc.	SELL	200.69	Ordinary	(1,980)	(1,980)
9-Apr-2019	The Vanguard Group, Inc.	BUY	201.77	Ordinary	6,136	6,136
9-Apr-2019	The Vanguard Group, Inc.	SELL	201.60	Ordinary	(2,688)	(2,688)
10-Apr-2019	The Vanguard Group, Inc.	BUY	202.00	Ordinary	6,919	6,919
10-Apr-2019	The Vanguard Group, Inc.	BUY	201.47	Ordinary	237	237
10-Apr-2019	The Vanguard Group, Inc.	BUY	202.00	Ordinary	1,707	1,707
10-Apr-2019	The Vanguard Group, Inc.	BUY	201.47	Ordinary	616	616
10-Apr-2019	The Vanguard Group, Inc.	BUY	201.47	Ordinary	10,878	10,878
12-Apr-2019	The Vanguard Group, Inc.	BUY	198.38	Ordinary	3,906	3,906
12-Apr-2019	The Vanguard Group, Inc.	BUY	198.38	Ordinary	871	871
12-Apr-2019	The Vanguard Group, Inc.	BUY	198.38	Ordinary	59	59
15-Apr-2019	The Vanguard Group, Inc.	BUY	197.24	Ordinary	2,868	2,868
15-Apr-2019	The Vanguard Group, Inc.	BUY	197.24	Ordinary	709	709
15-Apr-2019	The Vanguard Group, Inc.	SELL	195.50	Ordinary	(1,155)	(1,155)
16-Apr-2019	The Vanguard Group, Inc.	BUY	196.11	Ordinary	9,156	9,156
16-Apr-2019	The Vanguard Group, Inc.	BUY	195.71	Ordinary	290	290
16-Apr-2019	The Vanguard Group, Inc.	BUY	195.71	Ordinary	542	542
17-Apr-2019	The Vanguard Group, Inc.	BUY	194.67	Ordinary	6,694	6,694
18-Apr-2019	The Vanguard Group, Inc.	BUY	191.02	Ordinary	186,677	186,677
18-Apr-2019	The Vanguard Group, Inc.	SELL	191.02	Ordinary	(186,677)	(186,677)
18-Apr-2019	The Vanguard Group, Inc.	BUY	190.51	Ordinary	5,646	5,646
23-Apr-2019	The Vanguard Group, Inc.	BUY	191.70	Ordinary	2,016	2,016
23-Apr-2019	The Vanguard Group, Inc.	SELL	191.70	Ordinary	(660)	(660)
23-Apr-2019	The Vanguard Group, Inc.	SELL	190.37	Ordinary	(2,553)	(2,553)
24-Apr-2019	The Vanguard Group, Inc.	BUY	194.77	Ordinary	7,052	7,052
24-Apr-2019	The Vanguard Group, Inc.	SELL	195.00	Ordinary	(5,861)	(5,861)
24-Apr-2019	The Vanguard Group, Inc.	BUY	194.77	Ordinary	67	67
24-Apr-2019	The Vanguard Group, Inc.	BUY	195.00	Ordinary	470	470
24-Apr-2019	The Vanguard Group, Inc.	SELL	194.77	Ordinary	(2,102)	(2,102)
25-Apr-2019	The Vanguard Group, Inc.	SELL	195.42	Ordinary	(825)	(825)
26-Apr-2019	The Vanguard Group, Inc.	BUY	195.50	Ordinary	23,740	23,740
26-Apr-2019	The Vanguard Group, Inc.	BUY	197.63	Ordinary	2,525	2,525
26-Apr-2019	The Vanguard Group, Inc.	SELL	197.63	Ordinary	(825)	(825)
26-Apr-2019	The Vanguard Group, Inc.	SELL	195.03	Ordinary	(189)	(189)
26-Apr-2019	The Vanguard Group, Inc.	BUY	195.03	Ordinary	283	283
30-Apr-2019	The Vanguard Group, Inc.	BUY	198.97	Ordinary	435	435
1-May-2019	The Vanguard Group, Inc.	BUY	198.50	Ordinary	87	87
3-May-2019	The Vanguard Group, Inc.	BUY	200.12	Ordinary	887	887
3-May-2019	The Vanguard Group, Inc.	BUY	199.87	Ordinary	410	410
6-May-2019	The Vanguard Group, Inc.	SELL	200.62	Ordinary	(2,598)	(2,598)
7-May-2019	The Vanguard Group, Inc.	BUY	200.47	Ordinary	1,825	1,825
7-May-2019	The Vanguard Group, Inc.	BUY	200.47	Ordinary	5,628	5,628
7-May-2019	The Vanguard Group, Inc.	BUY	197.15	Ordinary	1,120	1,120
7-May-2019	The Vanguard Group, Inc.	BUY	200.47	Ordinary	5,558	5,558
7-May-2019	The Vanguard Group, Inc.	BUY	200.23	Ordinary	887	887
7-May-2019	The Vanguard Group, Inc.	BUY	198.59	Ordinary	131	131
8-May-2019	The Vanguard Group, Inc.	BUY	196.93	Ordinary	12,812	12,812
8-May-2019	The Vanguard Group, Inc.	BUY	196.93	Ordinary	2,992	2,992
8-May-2019	The Vanguard Group, Inc.	BUY	197.31	Ordinary	435	435
8-May-2019	The Vanguard Group, Inc.	SELL	197.31	Ordinary	(2,598)	(2,598)
8-May-2019	The Vanguard Group, Inc.	BUY	197.25	Ordinary	166	166
8-May-2019	The Vanguard Group, Inc.	BUY	196.93	Ordinary	3,820	3,820
9-May-2019	The Vanguard Group, Inc.	BUY	196.06	Ordinary	7,043	7,043
9-May-2019	The Vanguard Group, Inc.	BUY	197.29	Ordinary	3,030	3,030
10-May-2019	The Vanguard Group, Inc.	BUY	196.65	Ordinary	9,431	9,431
10-May-2019	The Vanguard Group, Inc.	BUY	196.65	Ordinary	2,937	2,937
10-May-2019	The Vanguard Group, Inc.	BUY	196.65	Ordinary	350	350
10-May-2019	The Vanguard Group, Inc.	BUY	197.83	Ordinary	542	542
10-May-2019	The Vanguard Group, Inc.	BUY	197.25	Ordinary	493	493
10-May-2019	The Vanguard Group, Inc.	BUY	197.25	Ordinary	166	166
10-May-2019	The Vanguard Group, Inc.	SELL	197.25	Ordinary	(7,101)	(7,101)
13-May-2019	The Vanguard Group, Inc.	BUY	198.30	Ordinary	1,983	1,983
13-May-2019	The Vanguard Group, Inc.	BUY	200.05	Ordinary	451	451
14-May-2019	The Vanguard Group, Inc.	BUY	198.31	Ordinary	1,312	1,312
14-May-2019	The Vanguard Group, Inc.	BUY	197.23	Ordinary	1,295	1,295
14-May-2019	The Vanguard Group, Inc.	SELL	198.31	Ordinary	(2,598)	(2,598)

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14-May-2019	The Vanguard Group, Inc.	BUY	197.79	Ordinary	99	99
14-May-2019	The Vanguard Group, Inc.	BUY	197.23	Ordinary	2,517	2,517
14-May-2019	The Vanguard Group, Inc.	BUY	197.23	Ordinary	183	183
15-May-2019	The Vanguard Group, Inc.	BUY	200.84	Ordinary	5,974	5,974
16-May-2019	The Vanguard Group, Inc.	BUY	201.95	Ordinary	1,342	1,342
16-May-2019	The Vanguard Group, Inc.	BUY	201.95	Ordinary	10,865	10,865
16-May-2019	The Vanguard Group, Inc.	BUY	204.21	Ordinary	542	542
16-May-2019	The Vanguard Group, Inc.	BUY	202.66	Ordinary	70,523	70,523
16-May-2019	The Vanguard Group, Inc.	BUY	202.98	Ordinary	674	674
17-May-2019	The Vanguard Group, Inc.	BUY	206.01	Ordinary	15,872	15,872
17-May-2019	The Vanguard Group, Inc.	BUY	206.01	Ordinary	6,213	6,213
17-May-2019	The Vanguard Group, Inc.	BUY	206.01	Ordinary	48	48
20-May-2019	The Vanguard Group, Inc.	BUY	205.52	Ordinary	1,120	1,120
21-May-2019	The Vanguard Group, Inc.	BUY	205.58	Ordinary	13,874	13,874
21-May-2019	The Vanguard Group, Inc.	BUY	205.58	Ordinary	2,626	2,626
21-May-2019	The Vanguard Group, Inc.	BUY	206.24	Ordinary	59	59
21-May-2019	The Vanguard Group, Inc.	BUY	206.24	Ordinary	2,131	2,131
22-May-2019	The Vanguard Group, Inc.	BUY	205.75	Ordinary	15,642	15,642
22-May-2019	The Vanguard Group, Inc.	BUY	205.75	Ordinary	2,428	2,428
22-May-2019	The Vanguard Group, Inc.	BUY	206.68	Ordinary	2,131	2,131
23-May-2019	The Vanguard Group, Inc.	BUY	207.05	Ordinary	11,732	11,732
23-May-2019	The Vanguard Group, Inc.	BUY	206.20	Ordinary	842	842
24-May-2019	The Vanguard Group, Inc.	BUY	206.42	Ordinary	773	773
24-May-2019	The Vanguard Group, Inc.	BUY	206.42	Ordinary	303	303
28-May-2019	The Vanguard Group, Inc.	BUY	205.51	Ordinary	2,525	2,525
28-May-2019	The Vanguard Group, Inc.	SELL	207.21	Ordinary	(35)	(35)
28-May-2019	The Vanguard Group, Inc.	SELL	207.21	Ordinary	(7,463)	(7,463)
28-May-2019	The Vanguard Group, Inc.	BUY	207.28	Ordinary	2,073	2,073
29-May-2019	The Vanguard Group, Inc.	BUY	204.19	Ordinary	876	876
29-May-2019	The Vanguard Group, Inc.	BUY	204.19	Ordinary	7,523	7,523
29-May-2019	The Vanguard Group, Inc.	SELL	204.00	Ordinary	(1,650)	(1,650)
29-May-2019	The Vanguard Group, Inc.	SELL	204.50	Ordinary	(336)	(336)
29-May-2019	The Vanguard Group, Inc.	BUY	204.50	Ordinary	380	380
30-May-2019	The Vanguard Group, Inc.	BUY	202.70	Ordinary	8,903	8,903
30-May-2019	The Vanguard Group, Inc.	BUY	203.57	Ordinary	166	166
31-May-2019	The Vanguard Group, Inc.	BUY	203.69	Ordinary	10,846	10,846
31-May-2019	The Vanguard Group, Inc.	BUY	205.49	Ordinary	84	84
31-May-2019	The Vanguard Group, Inc.	SELL	205.49	Ordinary	(12,523)	(12,523)
3-Jun-2019	The Vanguard Group, Inc.	BUY	204.43	Ordinary	1,120	1,120
3-Jun-2019	The Vanguard Group, Inc.	BUY	205.27	Ordinary	1,159	1,159
3-Jun-2019	The Vanguard Group, Inc.	SELL	205.27	Ordinary	(233)	(233)
4-Jun-2019	The Vanguard Group, Inc.	SELL	205.18	Ordinary	(825)	(825)
4-Jun-2019	The Vanguard Group, Inc.	BUY	203.31	Ordinary	4,407	4,407
5-Jun-2019	The Vanguard Group, Inc.	BUY	204.00	Ordinary	3,781	3,781
5-Jun-2019	The Vanguard Group, Inc.	SELL	202.08	Ordinary	(1,732)	(1,732)
5-Jun-2019	The Vanguard Group, Inc.	SELL	202.08	Ordinary	(3,464)	(3,464)
5-Jun-2019	The Vanguard Group, Inc.	SELL	204.00	Ordinary	(141)	(141)
5-Jun-2019	The Vanguard Group, Inc.	SELL	201.33	Ordinary	(894)	(894)
6-Jun-2019	The Vanguard Group, Inc.	BUY	201.37	Ordinary	4,163	4,163
6-Jun-2019	The Vanguard Group, Inc.	SELL	200.86	Ordinary	(15,067)	(15,067)
7-Jun-2019	The Vanguard Group, Inc.	BUY	204.72	Ordinary	290	290
7-Jun-2019	The Vanguard Group, Inc.	BUY	203.80	Ordinary	2,340	2,340
10-Jun-2019	The Vanguard Group, Inc.	BUY	205.45	Ordinary	1,344	1,344
10-Jun-2019	The Vanguard Group, Inc.	BUY	205.45	Ordinary	435	435
11-Jun-2019	The Vanguard Group, Inc.	BUY	206.89	Ordinary	5,669	5,669
11-Jun-2019	The Vanguard Group, Inc.	BUY	206.89	Ordinary	282	282
11-Jun-2019	The Vanguard Group, Inc.	SELL	211.77	Ordinary	(2,165)	(2,165)
11-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	166	166
11-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	93	93
12-Jun-2019	The Vanguard Group, Inc.	BUY	208.07	Ordinary	1,344	1,344
12-Jun-2019	The Vanguard Group, Inc.	BUY	207.84	Ordinary	328	328
12-Jun-2019	The Vanguard Group, Inc.	BUY	207.84	Ordinary	5,764	5,764
13-Jun-2019	The Vanguard Group, Inc.	BUY	213.13	Ordinary	448	448
13-Jun-2019	The Vanguard Group, Inc.	SELL	212.85	Ordinary	(14,150)	(14,150)
14-Jun-2019	The Vanguard Group, Inc.	BUY	212.68	Ordinary	290	290
14-Jun-2019	The Vanguard Group, Inc.	BUY	212.68	Ordinary	290	290
14-Jun-2019	The Vanguard Group, Inc.	SELL	212.68	Ordinary	(1,299)	(1,299)
14-Jun-2019	The Vanguard Group, Inc.	SELL	212.93	Ordinary	(12,088)	(12,088)

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-Jun-2019	The Vanguard Group, Inc.	SELL	211.42	Ordinary	(3,733)	(3,733)
18-Jun-2019	The Vanguard Group, Inc.	BUY	213.62	Ordinary	14,941	14,941
18-Jun-2019	The Vanguard Group, Inc.	SELL	211.70	Ordinary	(3,711)	(3,711)
19-Jun-2019	The Vanguard Group, Inc.	BUY	216.61	Ordinary	6,819	6,819
19-Jun-2019	The Vanguard Group, Inc.	BUY	216.61	Ordinary	192	192
19-Jun-2019	The Vanguard Group, Inc.	SELL	217.00	Ordinary	(3,182)	(3,182)
20-Jun-2019	The Vanguard Group, Inc.	BUY	220.15	Ordinary	1,120	1,120
20-Jun-2019	The Vanguard Group, Inc.	BUY	220.15	Ordinary	807	807
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.97	Ordinary	560	560
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	1,600	1,600
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	2,017	2,017
21-Jun-2019	The Vanguard Group, Inc.	SELL	212.50	Ordinary	(4,991)	(4,991)
21-Jun-2019	The Vanguard Group, Inc.	SELL	212.50	Ordinary	(14,819)	(14,819)
21-Jun-2019	The Vanguard Group, Inc.	SELL	212.50	Ordinary	(749)	(749)
21-Jun-2019	The Vanguard Group, Inc.	SELL	212.50	Ordinary	(1,800)	(1,800)
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	21	21
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	235	235
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	179	179
21-Jun-2019	The Vanguard Group, Inc.	BUY	212.50	Ordinary	224	224
21-Jun-2019	The Vanguard Group, Inc.	SELL	212.50	Ordinary	(115)	(115)
24-Jun-2019	The Vanguard Group, Inc.	BUY	212.99	Ordinary	2,672	2,672
24-Jun-2019	The Vanguard Group, Inc.	BUY	213.49	Ordinary	170	170
25-Jun-2019	The Vanguard Group, Inc.	BUY	214.67	Ordinary	6,659	6,659
25-Jun-2019	The Vanguard Group, Inc.	BUY	214.67	Ordinary	9,719	9,719
25-Jun-2019	The Vanguard Group, Inc.	BUY	213.41	Ordinary	1,008	1,008
25-Jun-2019	The Vanguard Group, Inc.	BUY	213.41	Ordinary	672	672
25-Jun-2019	The Vanguard Group, Inc.	SELL	213.41	Ordinary	(1,299)	(1,299)
25-Jun-2019	The Vanguard Group, Inc.	BUY	214.37	Ordinary	942	942
26-Jun-2019	The Vanguard Group, Inc.	BUY	215.07	Ordinary	784	784
26-Jun-2019	The Vanguard Group, Inc.	BUY	215.07	Ordinary	1,344	1,344
26-Jun-2019	The Vanguard Group, Inc.	BUY	215.41	Ordinary	2,912	2,912
26-Jun-2019	The Vanguard Group, Inc.	BUY	215.82	Ordinary	894	894
26-Jun-2019	The Vanguard Group, Inc.	BUY	215.82	Ordinary	1,247	1,247
27-Jun-2019	The Vanguard Group, Inc.	BUY	214.50	Ordinary	3,218	3,218
27-Jun-2019	The Vanguard Group, Inc.	BUY	214.50	Ordinary	1,757	1,757
27-Jun-2019	The Vanguard Group, Inc.	SELL	215.19	Ordinary	(411)	(411)
28-Jun-2019	The Vanguard Group, Inc.	BUY	215.00	Ordinary	6,840	6,840
28-Jun-2019	The Vanguard Group, Inc.	BUY	215.69	Ordinary	1,450	1,450
28-Jun-2019	The Vanguard Group, Inc.	SELL	215.00	Ordinary	(51)	(51)
1-Jul-2019	The Vanguard Group, Inc.	BUY	216.19	Ordinary	290	290
1-Jul-2019	The Vanguard Group, Inc.	BUY	215.99	Ordinary	612	612
1-Jul-2019	The Vanguard Group, Inc.	BUY	215.99	Ordinary	229	229
2-Jul-2019	The Vanguard Group, Inc.	BUY	218.56	Ordinary	1,008	1,008
2-Jul-2019	The Vanguard Group, Inc.	SELL	218.01	Ordinary	(14)	(14)
2-Jul-2019	The Vanguard Group, Inc.	BUY	217.93	Ordinary	1,651	1,651
2-Jul-2019	The Vanguard Group, Inc.	BUY	218.01	Ordinary	8,394	8,394
3-Jul-2019	The Vanguard Group, Inc.	BUY	218.19	Ordinary	4,950	4,950
3-Jul-2019	The Vanguard Group, Inc.	BUY	218.19	Ordinary	386	386
3-Jul-2019	The Vanguard Group, Inc.	BUY	218.19	Ordinary	5,443	5,443
4-Jul-2019	The Vanguard Group, Inc.	BUY	221.12	Ordinary	4,056	4,056
5-Jul-2019	The Vanguard Group, Inc.	BUY	224.23	Ordinary	2,020	2,020
5-Jul-2019	The Vanguard Group, Inc.	BUY	224.23	Ordinary	538	538
5-Jul-2019	The Vanguard Group, Inc.	BUY	224.65	Ordinary	88	88
8-Jul-2019	The Vanguard Group, Inc.	BUY	224.63	Ordinary	183	183
9-Jul-2019	The Vanguard Group, Inc.	BUY	220.72	Ordinary	1,120	1,120
10-Jul-2019	The Vanguard Group, Inc.	BUY	220.91	Ordinary	10,334	10,334
10-Jul-2019	The Vanguard Group, Inc.	BUY	220.91	Ordinary	4,004	4,004
10-Jul-2019	The Vanguard Group, Inc.	BUY	220.19	Ordinary	1,341	1,341
12-Jul-2019	The Vanguard Group, Inc.	BUY	221.00	Ordinary	1,042	1,042
12-Jul-2019	The Vanguard Group, Inc.	SELL	221.00	Ordinary	(1,884)	(1,884)
12-Jul-2019	The Vanguard Group, Inc.	SELL	221.00	Ordinary	(6,899)	(6,899)
15-Jul-2019	The Vanguard Group, Inc.	BUY	221.48	Ordinary	3,030	3,030
15-Jul-2019	The Vanguard Group, Inc.	BUY	221.48	Ordinary	538	538
16-Jul-2019	The Vanguard Group, Inc.	BUY	222.56	Ordinary	8,926	8,926
16-Jul-2019	The Vanguard Group, Inc.	BUY	222.18	Ordinary	1,076	1,076
17-Jul-2019	The Vanguard Group, Inc.	BUY	223.28	Ordinary	784	784
17-Jul-2019	The Vanguard Group, Inc.	BUY	223.28	Ordinary	1,120	1,120
17-Jul-2019	The Vanguard Group, Inc.	BUY	223.28	Ordinary	560	560

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17-Jul-2019	The Vanguard Group, Inc.	SELL	224.08	Ordinary	(272)	(272)
18-Jul-2019	The Vanguard Group, Inc.	BUY	224.63	Ordinary	8,946	8,946
18-Jul-2019	The Vanguard Group, Inc.	BUY	224.43	Ordinary	259	259
18-Jul-2019	The Vanguard Group, Inc.	SELL	224.69	Ordinary	(528)	(528)
22-Jul-2019	The Vanguard Group, Inc.	BUY	221.99	Ordinary	1,120	1,120
22-Jul-2019	The Vanguard Group, Inc.	BUY	221.99	Ordinary	2,525	2,525
22-Jul-2019	The Vanguard Group, Inc.	BUY	221.99	Ordinary	2,525	2,525
22-Jul-2019	The Vanguard Group, Inc.	SELL	221.81	Ordinary	(7,979)	(7,979)
23-Jul-2019	The Vanguard Group, Inc.	BUY	223.71	Ordinary	1,120	1,120
23-Jul-2019	The Vanguard Group, Inc.	BUY	222.93	Ordinary	166	166
23-Jul-2019	The Vanguard Group, Inc.	BUY	222.93	Ordinary	896	896
24-Jul-2019	The Vanguard Group, Inc.	BUY	224.15	Ordinary	3,635	3,635
24-Jul-2019	The Vanguard Group, Inc.	BUY	224.21	Ordinary	801	801
24-Jul-2019	The Vanguard Group, Inc.	BUY	224.15	Ordinary	240	240
25-Jul-2019	The Vanguard Group, Inc.	BUY	224.70	Ordinary	4,846	4,846
25-Jul-2019	The Vanguard Group, Inc.	BUY	227.27	Ordinary	1,002	1,002
26-Jul-2019	The Vanguard Group, Inc.	BUY	227.37	Ordinary	1,008	1,008
26-Jul-2019	The Vanguard Group, Inc.	BUY	227.37	Ordinary	1,670	1,670
26-Jul-2019	The Vanguard Group, Inc.	SELL	226.69	Ordinary	(1,755)	(1,755)
29-Jul-2019	The Vanguard Group, Inc.	SELL	228.85	Ordinary	(9,843)	(9,843)
30-Jul-2019	The Vanguard Group, Inc.	BUY	230.30	Ordinary	272	272
30-Jul-2019	The Vanguard Group, Inc.	SELL	230.30	Ordinary	(1,732)	(1,732)
30-Jul-2019	The Vanguard Group, Inc.	SELL	230.00	Ordinary	(156)	(156)
30-Jul-2019	The Vanguard Group, Inc.	BUY	230.30	Ordinary	881	881
30-Jul-2019	The Vanguard Group, Inc.	BUY	230.22	Ordinary	5,855	5,855
31-Jul-2019	The Vanguard Group, Inc.	BUY	228.18	Ordinary	1,008	1,008
1-Aug-2019	The Vanguard Group, Inc.	BUY	229.63	Ordinary	21,627	21,627
1-Aug-2019	The Vanguard Group, Inc.	BUY	228.28	Ordinary	4,545	4,545
1-Aug-2019	The Vanguard Group, Inc.	BUY	228.28	Ordinary	534	534
1-Aug-2019	The Vanguard Group, Inc.	SELL	229.24	Ordinary	(225)	(225)
1-Aug-2019	The Vanguard Group, Inc.	SELL	229.24	Ordinary	(325)	(325)
1-Aug-2019	The Vanguard Group, Inc.	SELL	228.90	Ordinary	(16,997)	(16,997)
2-Aug-2019	The Vanguard Group, Inc.	BUY	231.71	Ordinary	13,431	13,431
2-Aug-2019	The Vanguard Group, Inc.	BUY	231.46	Ordinary	1,336	1,336
5-Aug-2019	The Vanguard Group, Inc.	BUY	223.87	Ordinary	1,120	1,120
5-Aug-2019	The Vanguard Group, Inc.	BUY	223.87	Ordinary	1,670	1,670
5-Aug-2019	The Vanguard Group, Inc.	BUY	230.48	Ordinary	755	755
5-Aug-2019	The Vanguard Group, Inc.	SELL	223.87	Ordinary	(825)	(825)
5-Aug-2019	The Vanguard Group, Inc.	SELL	223.87	Ordinary	(330)	(330)
5-Aug-2019	The Vanguard Group, Inc.	BUY	226.45	Ordinary	332	332
6-Aug-2019	The Vanguard Group, Inc.	BUY	217.15	Ordinary	12,788	12,788
6-Aug-2019	The Vanguard Group, Inc.	BUY	219.60	Ordinary	272	272
6-Aug-2019	The Vanguard Group, Inc.	SELL	219.60	Ordinary	(1,320)	(1,320)
6-Aug-2019	The Vanguard Group, Inc.	SELL	219.60	Ordinary	(2,805)	(2,805)
6-Aug-2019	The Vanguard Group, Inc.	BUY	217.43	Ordinary	246	246
6-Aug-2019	The Vanguard Group, Inc.	BUY	217.77	Ordinary	4,482	4,482
6-Aug-2019	The Vanguard Group, Inc.	BUY	217.43	Ordinary	805	805
7-Aug-2019	The Vanguard Group, Inc.	BUY	217.77	Ordinary	13,418	13,418
7-Aug-2019	The Vanguard Group, Inc.	BUY	217.77	Ordinary	4,870	4,870
7-Aug-2019	The Vanguard Group, Inc.	BUY	217.77	Ordinary	3,425	3,425
7-Aug-2019	The Vanguard Group, Inc.	SELL	218.21	Ordinary	(179)	(179)
8-Aug-2019	The Vanguard Group, Inc.	SELL	224.60	Ordinary	(2,165)	(2,165)
8-Aug-2019	The Vanguard Group, Inc.	BUY	216.80	Ordinary	2,782	2,782
8-Aug-2019	The Vanguard Group, Inc.	BUY	222.79	Ordinary	697	697
9-Aug-2019	The Vanguard Group, Inc.	BUY	221.11	Ordinary	6,274	6,274
9-Aug-2019	The Vanguard Group, Inc.	BUY	221.11	Ordinary	2,838	2,838
9-Aug-2019	The Vanguard Group, Inc.	BUY	221.11	Ordinary	252	252
12-Aug-2019	The Vanguard Group, Inc.	BUY	221.06	Ordinary	1,792	1,792
12-Aug-2019	The Vanguard Group, Inc.	BUY	222.78	Ordinary	169	169
13-Aug-2019	The Vanguard Group, Inc.	SELL	221.31	Ordinary	(3,031)	(3,031)
13-Aug-2019	The Vanguard Group, Inc.	BUY	219.50	Ordinary	298	298
14-Aug-2019	The Vanguard Group, Inc.	BUY	231.17	Ordinary	10,592	10,592
14-Aug-2019	The Vanguard Group, Inc.	SELL	230.47	Ordinary	(947)	(947)
14-Aug-2019	The Vanguard Group, Inc.	BUY	234.00	Ordinary	871	871
15-Aug-2019	The Vanguard Group, Inc.	BUY	232.00	Ordinary	10,917	10,917
15-Aug-2019	The Vanguard Group, Inc.	SELL	226.27	Ordinary	(2,598)	(2,598)
16-Aug-2019	The Vanguard Group, Inc.	BUY	227.73	Ordinary	15,845	15,845
16-Aug-2019	The Vanguard Group, Inc.	BUY	227.40	Ordinary	11,814	11,814

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16-Aug-2019	The Vanguard Group, Inc.	BUY	227.40	Ordinary	326	326
16-Aug-2019	The Vanguard Group, Inc.	BUY	227.40	Ordinary	1,509	1,509
19-Aug-2019	The Vanguard Group, Inc.	BUY	230.31	Ordinary	272	272
19-Aug-2019	The Vanguard Group, Inc.	SELL	229.52	Ordinary	(324)	(324)
19-Aug-2019	The Vanguard Group, Inc.	BUY	229.52	Ordinary	4,877	4,877
20-Aug-2019	The Vanguard Group, Inc.	BUY	233.09	Ordinary	272	272
20-Aug-2019	The Vanguard Group, Inc.	SELL	233.09	Ordinary	(660)	(660)
20-Aug-2019	The Vanguard Group, Inc.	SELL	230.00	Ordinary	(721)	(721)
22-Aug-2019	The Vanguard Group, Inc.	BUY	238.25	Ordinary	2,240	2,240
22-Aug-2019	The Vanguard Group, Inc.	SELL	237.63	Ordinary	(5,731)	(5,731)
23-Aug-2019	The Vanguard Group, Inc.	BUY	233.80	Ordinary	272	272
23-Aug-2019	The Vanguard Group, Inc.	BUY	233.80	Ordinary	795	795
27-Aug-2019	The Vanguard Group, Inc.	BUY	233.26	Ordinary	5,265	5,265
27-Aug-2019	The Vanguard Group, Inc.	SELL	234.04	Ordinary	(1,729)	(1,729)
28-Aug-2019	The Vanguard Group, Inc.	BUY	233.41	Ordinary	3,304	3,304
28-Aug-2019	The Vanguard Group, Inc.	SELL	233.00	Ordinary	(1,307)	(1,307)
29-Aug-2019	The Vanguard Group, Inc.	BUY	235.43	Ordinary	6,392	6,392
30-Aug-2019	The Vanguard Group, Inc.	BUY	238.55	Ordinary	7,841	7,841
30-Aug-2019	The Vanguard Group, Inc.	BUY	240.87	Ordinary	3,526	3,526
2-Sep-2019	The Vanguard Group, Inc.	BUY	240.00	Ordinary	31	31
2-Sep-2019	The Vanguard Group, Inc.	BUY	239.85	Ordinary	4,536	4,536
3-Sep-2019	The Vanguard Group, Inc.	BUY	239.55	Ordinary	2,977	2,977
3-Sep-2019	The Vanguard Group, Inc.	SELL	239.55	Ordinary	(2,977)	(2,977)
5-Sep-2019	The Vanguard Group, Inc.	BUY	237.95	Ordinary	9,608	9,608
5-Sep-2019	The Vanguard Group, Inc.	BUY	240.36	Ordinary	518	518
5-Sep-2019	The Vanguard Group, Inc.	BUY	240.36	Ordinary	518	518
6-Sep-2019	The Vanguard Group, Inc.	SELL	242.00	Ordinary	(157)	(157)
6-Sep-2019	The Vanguard Group, Inc.	BUY	241.99	Ordinary	202	202
6-Sep-2019	The Vanguard Group, Inc.	SELL	242.00	Ordinary	(1,036)	(1,036)
9-Sep-2019	The Vanguard Group, Inc.	BUY	238.76	Ordinary	1,456	1,456
10-Sep-2019	The Vanguard Group, Inc.	SELL	237.85	Ordinary	(42)	(42)
11-Sep-2019	The Vanguard Group, Inc.	BUY	232.79	Ordinary	1,456	1,456
12-Sep-2019	The Vanguard Group, Inc.	BUY	231.44	Ordinary	4,251	4,251
12-Sep-2019	The Vanguard Group, Inc.	BUY	231.41	Ordinary	1,120	1,120
12-Sep-2019	The Vanguard Group, Inc.	BUY	231.44	Ordinary	146	146
13-Sep-2019	The Vanguard Group, Inc.	SELL	232.80	Ordinary	(136)	(136)
16-Sep-2019	The Vanguard Group, Inc.	BUY	230.87	Ordinary	1,299	1,299
16-Sep-2019	The Vanguard Group, Inc.	BUY	230.87	Ordinary	272	272
16-Sep-2019	The Vanguard Group, Inc.	BUY	230.38	Ordinary	2,501	2,501
17-Sep-2019	The Vanguard Group, Inc.	BUY	235.03	Ordinary	777	777
17-Sep-2019	The Vanguard Group, Inc.	BUY	234.82	Ordinary	173	173
18-Sep-2019	The Vanguard Group, Inc.	BUY	235.13	Ordinary	1,008	1,008
18-Sep-2019	The Vanguard Group, Inc.	SELL	234.77	Ordinary	(1,683)	(1,683)
20-Sep-2019	The Vanguard Group, Inc.	SELL	235.09	Ordinary	(813)	(813)
20-Sep-2019	The Vanguard Group, Inc.	SELL	235.09	Ordinary	(62,227)	(62,227)
20-Sep-2019	The Vanguard Group, Inc.	SELL	235.09	Ordinary	(743)	(743)
20-Sep-2019	The Vanguard Group, Inc.	SELL	235.09	Ordinary	(543)	(543)
23-Sep-2019	The Vanguard Group, Inc.	BUY	236.39	Ordinary	1,120	1,120
24-Sep-2019	The Vanguard Group, Inc.	SELL	237.82	Ordinary	(357)	(357)
24-Sep-2019	The Vanguard Group, Inc.	BUY	237.82	Ordinary	262	262
24-Sep-2019	The Vanguard Group, Inc.	BUY	237.82	Ordinary	1,181	1,181
24-Sep-2019	The Vanguard Group, Inc.	BUY	237.82	Ordinary	6,868	6,868
25-Sep-2019	The Vanguard Group, Inc.	BUY	237.45	Ordinary	1,120	1,120
25-Sep-2019	The Vanguard Group, Inc.	BUY	234.00	Ordinary	148	148
25-Sep-2019	The Vanguard Group, Inc.	BUY	236.69	Ordinary	6,752	6,752
26-Sep-2019	The Vanguard Group, Inc.	BUY	236.44	Ordinary	2,197	2,197
26-Sep-2019	The Vanguard Group, Inc.	BUY	236.44	Ordinary	1,968	1,968
27-Sep-2019	The Vanguard Group, Inc.	SELL	234.30	Ordinary	(179)	(179)
27-Sep-2019	The Vanguard Group, Inc.	BUY	234.30	Ordinary	214	214
30-Sep-2019	The Vanguard Group, Inc.	SELL	233.69	Ordinary	(191)	(191)
1-Oct-2019	The Vanguard Group, Inc.	BUY	238.40	Ordinary	879	879
2-Oct-2019	The Vanguard Group, Inc.	BUY	231.95	Ordinary	272	272
2-Oct-2019	The Vanguard Group, Inc.	BUY	231.95	Ordinary	518	518
2-Oct-2019	The Vanguard Group, Inc.	BUY	235.53	Ordinary	262	262
3-Oct-2019	The Vanguard Group, Inc.	BUY	230.21	Ordinary	10,402	10,402
4-Oct-2019	The Vanguard Group, Inc.	BUY	236.34	Ordinary	6,709	6,709
4-Oct-2019	The Vanguard Group, Inc.	BUY	238.56	Ordinary	272	272
4-Oct-2019	The Vanguard Group, Inc.	BUY	235.00	Ordinary	212	212

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4-Oct-2019	The Vanguard Group, Inc.	BUY	236.34	Ordinary	164	164
7-Oct-2019	The Vanguard Group, Inc.	BUY	239.58	Ordinary	1,036	1,036
8-Oct-2019	The Vanguard Group, Inc.	BUY	238.03	Ordinary	272	272
8-Oct-2019	The Vanguard Group, Inc.	BUY	239.42	Ordinary	190	190
10-Oct-2019	The Vanguard Group, Inc.	BUY	241.10	Ordinary	3,360	3,360
10-Oct-2019	The Vanguard Group, Inc.	BUY	241.10	Ordinary	1,120	1,120
10-Oct-2019	The Vanguard Group, Inc.	SELL	241.10	Ordinary	(1,281)	(1,281)
15-Oct-2019	The Vanguard Group, Inc.	BUY	250.13	Ordinary	896	896
15-Oct-2019	The Vanguard Group, Inc.	SELL	243.01	Ordinary	(103)	(103)
16-Oct-2019	The Vanguard Group, Inc.	BUY	252.85	Ordinary	750	750
16-Oct-2019	The Vanguard Group, Inc.	BUY	253.00	Ordinary	164	164
17-Oct-2019	The Vanguard Group, Inc.	BUY	258.60	Ordinary	6,030	6,030
17-Oct-2019	The Vanguard Group, Inc.	BUY	258.60	Ordinary	1,472	1,472
21-Oct-2019	The Vanguard Group, Inc.	BUY	249.93	Ordinary	750	750
21-Oct-2019	The Vanguard Group, Inc.	SELL	249.42	Ordinary	(115)	(115)
22-Oct-2019	The Vanguard Group, Inc.	BUY	250.88	Ordinary	2,391	2,391
22-Oct-2019	The Vanguard Group, Inc.	SELL	250.75	Ordinary	(270)	(270)
23-Oct-2019	The Vanguard Group, Inc.	BUY	251.51	Ordinary	1,120	1,120
25-Oct-2019	The Vanguard Group, Inc.	BUY	257.77	Ordinary	408	408
25-Oct-2019	The Vanguard Group, Inc.	BUY	257.77	Ordinary	3,777	3,777
25-Oct-2019	The Vanguard Group, Inc.	SELL	257.77	Ordinary	(5,268)	(5,268)
25-Oct-2019	The Vanguard Group, Inc.	SELL	257.77	Ordinary	(3,777)	(3,777)
25-Oct-2019	The Vanguard Group, Inc.	BUY	256.77	Ordinary	5,400	5,400
28-Oct-2019	The Vanguard Group, Inc.	BUY	256.23	Ordinary	14,047	14,047
29-Oct-2019	The Vanguard Group, Inc.	SELL	256.87	Ordinary	(4,148)	(4,148)
29-Oct-2019	The Vanguard Group, Inc.	BUY	256.87	Ordinary	314	314
29-Oct-2019	The Vanguard Group, Inc.	SELL	256.87	Ordinary	(32)	(32)
30-Oct-2019	The Vanguard Group, Inc.	BUY	255.89	Ordinary	4,205	4,205
31-Oct-2019	The Vanguard Group, Inc.	SELL	256.03	Ordinary	(6,294)	(6,294)
1-Nov-2019	The Vanguard Group, Inc.	BUY	257.20	Ordinary	139	139
4-Nov-2019	The Vanguard Group, Inc.	BUY	261.00	Ordinary	2,311	2,311
4-Nov-2019	The Vanguard Group, Inc.	BUY	259.83	Ordinary	744	744
4-Nov-2019	The Vanguard Group, Inc.	SELL	259.55	Ordinary	(68)	(68)
4-Nov-2019	The Vanguard Group, Inc.	BUY	261.00	Ordinary	433	433
4-Nov-2019	The Vanguard Group, Inc.	BUY	261.00	Ordinary	167	167
4-Nov-2019	The Vanguard Group, Inc.	BUY	261.00	Ordinary	154	154
5-Nov-2019	The Vanguard Group, Inc.	BUY	260.21	Ordinary	2,240	2,240
5-Nov-2019	The Vanguard Group, Inc.	BUY	261.65	Ordinary	2,333	2,333
5-Nov-2019	The Vanguard Group, Inc.	SELL	261.65	Ordinary	(151)	(151)
6-Nov-2019	The Vanguard Group, Inc.	BUY	261.33	Ordinary	11,841	11,841
6-Nov-2019	The Vanguard Group, Inc.	BUY	258.85	Ordinary	1,090	1,090
6-Nov-2019	The Vanguard Group, Inc.	BUY	261.33	Ordinary	419	419
7-Nov-2019	The Vanguard Group, Inc.	BUY	259.47	Ordinary	2,422	2,422
7-Nov-2019	The Vanguard Group, Inc.	BUY	259.47	Ordinary	1,468	1,468
7-Nov-2019	The Vanguard Group, Inc.	BUY	261.17	Ordinary	1,098	1,098
7-Nov-2019	The Vanguard Group, Inc.	BUY	261.31	Ordinary	242	242
8-Nov-2019	The Vanguard Group, Inc.	BUY	262.54	Ordinary	272	272
8-Nov-2019	The Vanguard Group, Inc.	BUY	262.54	Ordinary	496	496
8-Nov-2019	The Vanguard Group, Inc.	BUY	261.34	Ordinary	33	33
11-Nov-2019	The Vanguard Group, Inc.	BUY	270.87	Ordinary	1,526	1,526
11-Nov-2019	The Vanguard Group, Inc.	BUY	270.87	Ordinary	744	744
11-Nov-2019	The Vanguard Group, Inc.	BUY	270.56	Ordinary	87	87
12-Nov-2019	The Vanguard Group, Inc.	BUY	267.01	Ordinary	248	248
13-Nov-2019	The Vanguard Group, Inc.	BUY	267.72	Ordinary	915	915
13-Nov-2019	The Vanguard Group, Inc.	BUY	269.80	Ordinary	55	55
13-Nov-2019	The Vanguard Group, Inc.	BUY	269.80	Ordinary	26	26
14-Nov-2019	The Vanguard Group, Inc.	BUY	268.35	Ordinary	1,849	1,849
14-Nov-2019	The Vanguard Group, Inc.	BUY	269.67	Ordinary	486	486
15-Nov-2019	The Vanguard Group, Inc.	BUY	275.87	Ordinary	872	872
15-Nov-2019	The Vanguard Group, Inc.	BUY	275.87	Ordinary	272	272
18-Nov-2019	The Vanguard Group, Inc.	BUY	272.03	Ordinary	1,199	1,199
18-Nov-2019	The Vanguard Group, Inc.	BUY	274.85	Ordinary	503	503
18-Nov-2019	The Vanguard Group, Inc.	BUY	272.03	Ordinary	744	744
18-Nov-2019	The Vanguard Group, Inc.	BUY	272.03	Ordinary	496	496
18-Nov-2019	The Vanguard Group, Inc.	BUY	271.99	Ordinary	22	22
18-Nov-2019	The Vanguard Group, Inc.	BUY	271.99	Ordinary	492	492
19-Nov-2019	The Vanguard Group, Inc.	BUY	271.80	Ordinary	946	946
20-Nov-2019	The Vanguard Group, Inc.	BUY	269.72	Ordinary	744	744

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20-Nov-2019	The Vanguard Group, Inc.	BUY	269.72	Ordinary	496	496
20-Nov-2019	The Vanguard Group, Inc.	BUY	270.17	Ordinary	119	119
21-Nov-2019	The Vanguard Group, Inc.	BUY	267.38	Ordinary	272	272
21-Nov-2019	The Vanguard Group, Inc.	BUY	267.00	Ordinary	94	94
22-Nov-2019	The Vanguard Group, Inc.	BUY	269.92	Ordinary	1,744	1,744
22-Nov-2019	The Vanguard Group, Inc.	SELL	269.73	Ordinary	(293)	(293)
22-Nov-2019	The Vanguard Group, Inc.	BUY	269.65	Ordinary	46	46
22-Nov-2019	The Vanguard Group, Inc.	BUY	269.65	Ordinary	328	328
25-Nov-2019	The Vanguard Group, Inc.	BUY	274.82	Ordinary	2,180	2,180
25-Nov-2019	The Vanguard Group, Inc.	BUY	272.40	Ordinary	1,716	1,716
25-Nov-2019	The Vanguard Group, Inc.	BUY	273.41	Ordinary	164	164
26-Nov-2019	The Vanguard Group, Inc.	BUY	279.94	Ordinary	915	915
26-Nov-2019	The Vanguard Group, Inc.	BUY	279.94	Ordinary	136	136
26-Nov-2019	The Vanguard Group, Inc.	SELL	279.73	Ordinary	(68)	(68)
26-Nov-2019	The Vanguard Group, Inc.	SELL	279.73	Ordinary	(270)	(270)
26-Nov-2019	The Vanguard Group, Inc.	BUY	279.59	Ordinary	1,505	1,505
26-Nov-2019	The Vanguard Group, Inc.	BUY	279.59	Ordinary	4,993	4,993
27-Nov-2019	The Vanguard Group, Inc.	BUY	279.99	Ordinary	164	164
27-Nov-2019	The Vanguard Group, Inc.	BUY	279.99	Ordinary	879	879
29-Nov-2019	The Vanguard Group, Inc.	BUY	283.70	Ordinary	3,660	3,660
29-Nov-2019	The Vanguard Group, Inc.	BUY	283.70	Ordinary	272	272
29-Nov-2019	The Vanguard Group, Inc.	BUY	283.48	Ordinary	164	164
29-Nov-2019	The Vanguard Group, Inc.	BUY	283.48	Ordinary	138	138
2-Dec-2019	The Vanguard Group, Inc.	BUY	283.13	Ordinary	7,070	7,070
2-Dec-2019	The Vanguard Group, Inc.	BUY	283.13	Ordinary	992	992
3-Dec-2019	The Vanguard Group, Inc.	BUY	277.90	Ordinary	1,274	1,274
3-Dec-2019	The Vanguard Group, Inc.	BUY	277.90	Ordinary	334	334
4-Dec-2019	The Vanguard Group, Inc.	BUY	275.20	Ordinary	1,510	1,510
4-Dec-2019	The Vanguard Group, Inc.	BUY	275.20	Ordinary	3,333	3,333
4-Dec-2019	The Vanguard Group, Inc.	BUY	277.94	Ordinary	872	872
4-Dec-2019	The Vanguard Group, Inc.	BUY	277.19	Ordinary	1,353	1,353
4-Dec-2019	The Vanguard Group, Inc.	BUY	277.19	Ordinary	328	328
4-Dec-2019	The Vanguard Group, Inc.	BUY	277.19	Ordinary	4,163	4,163
5-Dec-2019	The Vanguard Group, Inc.	BUY	281.63	Ordinary	6,938	6,938
5-Dec-2019	The Vanguard Group, Inc.	BUY	278.01	Ordinary	1,110	1,110
5-Dec-2019	The Vanguard Group, Inc.	BUY	278.01	Ordinary	744	744
5-Dec-2019	The Vanguard Group, Inc.	SELL	281.63	Ordinary	(758)	(758)
6-Dec-2019	The Vanguard Group, Inc.	BUY	281.00	Ordinary	312	312
6-Dec-2019	The Vanguard Group, Inc.	BUY	279.00	Ordinary	169	169
6-Dec-2019	The Vanguard Group, Inc.	BUY	281.00	Ordinary	8,055	8,055
9-Dec-2019	The Vanguard Group, Inc.	BUY	282.00	Ordinary	413	413
9-Dec-2019	The Vanguard Group, Inc.	BUY	277.95	Ordinary	1,444	1,444
10-Dec-2019	The Vanguard Group, Inc.	BUY	278.51	Ordinary	248	248
11-Dec-2019	The Vanguard Group, Inc.	BUY	279.58	Ordinary	5,693	5,693
11-Dec-2019	The Vanguard Group, Inc.	BUY	281.59	Ordinary	1,308	1,308
11-Dec-2019	The Vanguard Group, Inc.	BUY	281.59	Ordinary	272	272
11-Dec-2019	The Vanguard Group, Inc.	BUY	281.59	Ordinary	272	272
11-Dec-2019	The Vanguard Group, Inc.	BUY	282.15	Ordinary	93	93
12-Dec-2019	The Vanguard Group, Inc.	BUY	280.48	Ordinary	1,635	1,635
12-Dec-2019	The Vanguard Group, Inc.	BUY	280.48	Ordinary	990	990
12-Dec-2019	The Vanguard Group, Inc.	BUY	280.48	Ordinary	992	992
12-Dec-2019	The Vanguard Group, Inc.	BUY	279.19	Ordinary	31	31
12-Dec-2019	The Vanguard Group, Inc.	SELL	279.19	Ordinary	(126)	(126)
13-Dec-2019	The Vanguard Group, Inc.	BUY	278.45	Ordinary	496	496
13-Dec-2019	The Vanguard Group, Inc.	SELL	280.93	Ordinary	(48)	(48)
16-Dec-2019	The Vanguard Group, Inc.	BUY	285.59	Ordinary	272	272
17-Dec-2019	The Vanguard Group, Inc.	BUY	284.77	Ordinary	2,180	2,180
17-Dec-2019	The Vanguard Group, Inc.	BUY	284.77	Ordinary	1,199	1,199
18-Dec-2019	The Vanguard Group, Inc.	BUY	286.86	Ordinary	744	744
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.47	Ordinary	(717)	(717)
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(18,969)	(18,969)
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(1,308)	(1,308)
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(7,374)	(7,374)
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(242)	(242)
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(517)	(517)
20-Dec-2019	The Vanguard Group, Inc.	BUY	281.47	Ordinary	16	16
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(123)	(123)
20-Dec-2019	The Vanguard Group, Inc.	BUY	281.47	Ordinary	1,512	1,512

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20-Dec-2019	The Vanguard Group, Inc.	BUY	281.47	Ordinary	49	49
20-Dec-2019	The Vanguard Group, Inc.	BUY	281.47	Ordinary	179	179
20-Dec-2019	The Vanguard Group, Inc.	SELL	281.57	Ordinary	(175)	(175)
23-Dec-2019	The Vanguard Group, Inc.	BUY	278.56	Ordinary	7,070	7,070
23-Dec-2019	The Vanguard Group, Inc.	BUY	278.56	Ordinary	1,515	1,515
23-Dec-2019	The Vanguard Group, Inc.	BUY	278.56	Ordinary	992	992
23-Dec-2019	The Vanguard Group, Inc.	SELL	280.00	Ordinary	(1,445)	(1,445)
23-Dec-2019	The Vanguard Group, Inc.	BUY	280.00	Ordinary	22	22
24-Dec-2019	The Vanguard Group, Inc.	BUY	282.12	Ordinary	3,030	3,030
24-Dec-2019	The Vanguard Group, Inc.	BUY	282.29	Ordinary	336	336
26-Dec-2019	The Vanguard Group, Inc.	BUY	282.81	Ordinary	7,575	7,575
27-Dec-2019	The Vanguard Group, Inc.	BUY	283.12	Ordinary	2,830	2,830
27-Dec-2019	The Vanguard Group, Inc.	BUY	279.22	Ordinary	272	272
27-Dec-2019	The Vanguard Group, Inc.	BUY	280.42	Ordinary	492	492
30-Dec-2019	The Vanguard Group, Inc.	BUY	280.34	Ordinary	1,090	1,090
30-Dec-2019	The Vanguard Group, Inc.	SELL	283.03	Ordinary	(4,067)	(4,067)
30-Dec-2019	The Vanguard Group, Inc.	SELL	281.96	Ordinary	(29)	(29)
30-Dec-2019	The Vanguard Group, Inc.	SELL	281.96	Ordinary	(216)	(216)
30-Dec-2019	The Vanguard Group, Inc.	BUY	281.96	Ordinary	168	168
30-Dec-2019	The Vanguard Group, Inc.	BUY	281.96	Ordinary	1,249	1,249
31-Dec-2019	The Vanguard Group, Inc.	BUY	276.28	Ordinary	13,272	13,272
31-Dec-2019	The Vanguard Group, Inc.	BUY	276.28	Ordinary	741	741
2-Jan-2020	The Vanguard Group, Inc.	BUY	276.36	Ordinary	272	272
2-Jan-2020	The Vanguard Group, Inc.	BUY	275.04	Ordinary	168	168
3-Jan-2020	The Vanguard Group, Inc.	BUY	280.01	Ordinary	3,177	3,177
3-Jan-2020	The Vanguard Group, Inc.	BUY	280.01	Ordinary	5,293	5,293
3-Jan-2020	The Vanguard Group, Inc.	BUY	277.57	Ordinary	272	272
3-Jan-2020	The Vanguard Group, Inc.	BUY	277.57	Ordinary	494	494
3-Jan-2020	The Vanguard Group, Inc.	BUY	277.57	Ordinary	494	494
6-Jan-2020	The Vanguard Group, Inc.	BUY	275.81	Ordinary	5,799	5,799
6-Jan-2020	The Vanguard Group, Inc.	BUY	276.80	Ordinary	257	257
6-Jan-2020	The Vanguard Group, Inc.	BUY	278.44	Ordinary	816	816
6-Jan-2020	The Vanguard Group, Inc.	BUY	275.81	Ordinary	325	325
7-Jan-2020	The Vanguard Group, Inc.	BUY	281.65	Ordinary	13,830	13,830
7-Jan-2020	The Vanguard Group, Inc.	BUY	283.94	Ordinary	494	494
7-Jan-2020	The Vanguard Group, Inc.	BUY	283.42	Ordinary	151	151
7-Jan-2020	The Vanguard Group, Inc.	SELL	281.02	Ordinary	(1,480)	(1,480)
8-Jan-2020	The Vanguard Group, Inc.	BUY	287.66	Ordinary	3,270	3,270
8-Jan-2020	The Vanguard Group, Inc.	BUY	285.85	Ordinary	165	165
8-Jan-2020	The Vanguard Group, Inc.	BUY	285.85	Ordinary	7,254	7,254
9-Jan-2020	The Vanguard Group, Inc.	BUY	292.32	Ordinary	981	981
9-Jan-2020	The Vanguard Group, Inc.	BUY	292.32	Ordinary	9,090	9,090
9-Jan-2020	The Vanguard Group, Inc.	BUY	292.32	Ordinary	741	741
9-Jan-2020	The Vanguard Group, Inc.	SELL	291.10	Ordinary	(1,202)	(1,202)
9-Jan-2020	The Vanguard Group, Inc.	BUY	291.10	Ordinary	435	435
9-Jan-2020	The Vanguard Group, Inc.	BUY	291.10	Ordinary	879	879
10-Jan-2020	The Vanguard Group, Inc.	BUY	295.63	Ordinary	5,312	5,312
10-Jan-2020	The Vanguard Group, Inc.	BUY	297.52	Ordinary	990	990
10-Jan-2020	The Vanguard Group, Inc.	SELL	295.52	Ordinary	(118)	(118)
10-Jan-2020	The Vanguard Group, Inc.	BUY	299.30	Ordinary	334	334
13-Jan-2020	The Vanguard Group, Inc.	BUY	294.50	Ordinary	876	876
14-Jan-2020	The Vanguard Group, Inc.	BUY	299.83	Ordinary	5,215	5,215
14-Jan-2020	The Vanguard Group, Inc.	BUY	296.50	Ordinary	64	64
14-Jan-2020	The Vanguard Group, Inc.	SELL	299.83	Ordinary	(3,752)	(3,752)
15-Jan-2020	The Vanguard Group, Inc.	BUY	298.16	Ordinary	4,040	4,040
15-Jan-2020	The Vanguard Group, Inc.	BUY	296.50	Ordinary	113	113
16-Jan-2020	The Vanguard Group, Inc.	BUY	299.94	Ordinary	3,613	3,613
16-Jan-2020	The Vanguard Group, Inc.	BUY	302.66	Ordinary	4,545	4,545
16-Jan-2020	The Vanguard Group, Inc.	BUY	302.66	Ordinary	490	490
16-Jan-2020	The Vanguard Group, Inc.	BUY	302.66	Ordinary	735	735
16-Jan-2020	The Vanguard Group, Inc.	BUY	302.66	Ordinary	980	980
16-Jan-2020	The Vanguard Group, Inc.	BUY	300.89	Ordinary	165	165
16-Jan-2020	The Vanguard Group, Inc.	SELL	299.94	Ordinary	(1,822)	(1,822)
17-Jan-2020	The Vanguard Group, Inc.	BUY	301.39	Ordinary	4,545	4,545
17-Jan-2020	The Vanguard Group, Inc.	BUY	301.39	Ordinary	4,040	4,040
17-Jan-2020	The Vanguard Group, Inc.	BUY	301.39	Ordinary	134	134
17-Jan-2020	The Vanguard Group, Inc.	BUY	300.10	Ordinary	660	660
20-Jan-2020	The Vanguard Group, Inc.	BUY	303.00	Ordinary	536	536

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21-Jan-2020	The Vanguard Group, Inc.	BUY	305.05	Ordinary	966	966
21-Jan-2020	The Vanguard Group, Inc.	BUY	305.05	Ordinary	1,932	1,932
21-Jan-2020	The Vanguard Group, Inc.	BUY	305.05	Ordinary	4,950	4,950
21-Jan-2020	The Vanguard Group, Inc.	BUY	305.05	Ordinary	402	402
21-Jan-2020	The Vanguard Group, Inc.	BUY	304.34	Ordinary	328	328
22-Jan-2020	The Vanguard Group, Inc.	BUY	304.48	Ordinary	6,409	6,409
22-Jan-2020	The Vanguard Group, Inc.	BUY	307.34	Ordinary	3,030	3,030
22-Jan-2020	The Vanguard Group, Inc.	BUY	308.50	Ordinary	167	167
22-Jan-2020	The Vanguard Group, Inc.	BUY	308.50	Ordinary	876	876
22-Jan-2020	The Vanguard Group, Inc.	BUY	308.50	Ordinary	762	762
23-Jan-2020	The Vanguard Group, Inc.	BUY	308.87	Ordinary	1,090	1,090
23-Jan-2020	The Vanguard Group, Inc.	BUY	304.85	Ordinary	8,322	8,322
23-Jan-2020	The Vanguard Group, Inc.	BUY	308.87	Ordinary	2,525	2,525
23-Jan-2020	The Vanguard Group, Inc.	BUY	308.87	Ordinary	980	980
23-Jan-2020	The Vanguard Group, Inc.	SELL	304.81	Ordinary	(3,644)	(3,644)
23-Jan-2020	The Vanguard Group, Inc.	BUY	304.85	Ordinary	65	65
23-Jan-2020	The Vanguard Group, Inc.	BUY	307.19	Ordinary	330	330
23-Jan-2020	The Vanguard Group, Inc.	BUY	307.19	Ordinary	165	165
24-Jan-2020	The Vanguard Group, Inc.	BUY	307.96	Ordinary	735	735
24-Jan-2020	The Vanguard Group, Inc.	BUY	310.70	Ordinary	100	100
28-Jan-2020	The Vanguard Group, Inc.	BUY	319.00	Ordinary	13,755	13,755
28-Jan-2020	The Vanguard Group, Inc.	BUY	314.70	Ordinary	245	245
28-Jan-2020	The Vanguard Group, Inc.	SELL	319.00	Ordinary	(224)	(224)
29-Jan-2020	The Vanguard Group, Inc.	BUY	313.65	Ordinary	5,302	5,302
29-Jan-2020	The Vanguard Group, Inc.	BUY	313.65	Ordinary	2,315	2,315
29-Jan-2020	The Vanguard Group, Inc.	BUY	316.09	Ordinary	330	330
29-Jan-2020	The Vanguard Group, Inc.	BUY	316.09	Ordinary	54	54
30-Jan-2020	The Vanguard Group, Inc.	BUY	313.17	Ordinary	244	244
30-Jan-2020	The Vanguard Group, Inc.	BUY	310.49	Ordinary	165	165
30-Jan-2020	The Vanguard Group, Inc.	BUY	310.49	Ordinary	165	165
30-Jan-2020	The Vanguard Group, Inc.	BUY	310.49	Ordinary	108	108
31-Jan-2020	The Vanguard Group, Inc.	BUY	313.41	Ordinary	5,106	5,106
31-Jan-2020	The Vanguard Group, Inc.	BUY	307.24	Ordinary	3,030	3,030
31-Jan-2020	The Vanguard Group, Inc.	BUY	307.24	Ordinary	3,030	3,030
31-Jan-2020	The Vanguard Group, Inc.	BUY	307.24	Ordinary	266	266
31-Jan-2020	The Vanguard Group, Inc.	BUY	307.24	Ordinary	732	732
31-Jan-2020	The Vanguard Group, Inc.	BUY	312.05	Ordinary	294	294
31-Jan-2020	The Vanguard Group, Inc.	BUY	313.41	Ordinary	52	52
31-Jan-2020	The Vanguard Group, Inc.	BUY	312.05	Ordinary	1,233	1,233
31-Jan-2020	The Vanguard Group, Inc.	BUY	312.05	Ordinary	73	73
31-Jan-2020	The Vanguard Group, Inc.	BUY	312.05	Ordinary	8,764	8,764
3-Feb-2020	The Vanguard Group, Inc.	BUY	310.05	Ordinary	8,023	8,023
3-Feb-2020	The Vanguard Group, Inc.	BUY	311.26	Ordinary	3,815	3,815
3-Feb-2020	The Vanguard Group, Inc.	BUY	311.26	Ordinary	244	244
3-Feb-2020	The Vanguard Group, Inc.	BUY	311.41	Ordinary	2,628	2,628
4-Feb-2020	The Vanguard Group, Inc.	BUY	313.54	Ordinary	9,581	9,581
4-Feb-2020	The Vanguard Group, Inc.	BUY	314.55	Ordinary	1,962	1,962
4-Feb-2020	The Vanguard Group, Inc.	BUY	314.55	Ordinary	1,320	1,320
4-Feb-2020	The Vanguard Group, Inc.	BUY	314.55	Ordinary	5,280	5,280
4-Feb-2020	The Vanguard Group, Inc.	SELL	314.55	Ordinary	(1,320)	(1,320)
4-Feb-2020	The Vanguard Group, Inc.	SELL	311.33	Ordinary	(1,320)	(1,320)
4-Feb-2020	The Vanguard Group, Inc.	BUY	313.35	Ordinary	60	60
4-Feb-2020	The Vanguard Group, Inc.	BUY	313.35	Ordinary	495	495
4-Feb-2020	The Vanguard Group, Inc.	BUY	313.35	Ordinary	1,005	1,005
5-Feb-2020	The Vanguard Group, Inc.	BUY	318.02	Ordinary	2,725	2,725
5-Feb-2020	The Vanguard Group, Inc.	BUY	318.02	Ordinary	9,595	9,595
5-Feb-2020	The Vanguard Group, Inc.	BUY	318.02	Ordinary	3,535	3,535
5-Feb-2020	The Vanguard Group, Inc.	SELL	321.00	Ordinary	(125)	(125)
6-Feb-2020	The Vanguard Group, Inc.	BUY	321.03	Ordinary	7,985	7,985
6-Feb-2020	The Vanguard Group, Inc.	BUY	321.11	Ordinary	729	729
7-Feb-2020	The Vanguard Group, Inc.	BUY	319.88	Ordinary	872	872
7-Feb-2020	The Vanguard Group, Inc.	BUY	320.03	Ordinary	374	374
7-Feb-2020	The Vanguard Group, Inc.	BUY	320.03	Ordinary	49	49
10-Feb-2020	The Vanguard Group, Inc.	BUY	325.53	Ordinary	4,554	4,554
10-Feb-2020	The Vanguard Group, Inc.	BUY	325.53	Ordinary	266	266
10-Feb-2020	The Vanguard Group, Inc.	BUY	322.96	Ordinary	330	330
10-Feb-2020	The Vanguard Group, Inc.	BUY	322.96	Ordinary	876	876
11-Feb-2020	The Vanguard Group, Inc.	BUY	325.58	Ordinary	3,036	3,036

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
11-Feb-2020	The Vanguard Group, Inc.	BUY	325.58	Ordinary	726	726
11-Feb-2020	The Vanguard Group, Inc.	BUY	325.58	Ordinary	484	484
12-Feb-2020	The Vanguard Group, Inc.	BUY	335.01	Ordinary	5,047	5,047
12-Feb-2020	The Vanguard Group, Inc.	BUY	328.84	Ordinary	968	968
12-Feb-2020	The Vanguard Group, Inc.	BUY	328.25	Ordinary	101	101
12-Feb-2020	The Vanguard Group, Inc.	BUY	328.25	Ordinary	7,817	7,817
13-Feb-2020	The Vanguard Group, Inc.	BUY	330.89	Ordinary	6,578	6,578
13-Feb-2020	The Vanguard Group, Inc.	SELL	331.67	Ordinary	(167)	(167)
13-Feb-2020	The Vanguard Group, Inc.	BUY	330.99	Ordinary	165	165
13-Feb-2020	The Vanguard Group, Inc.	BUY	330.99	Ordinary	165	165
13-Feb-2020	The Vanguard Group, Inc.	SELL	331.67	Ordinary	(3,224)	(3,224)
14-Feb-2020	The Vanguard Group, Inc.	BUY	329.23	Ordinary	2,926	2,926
14-Feb-2020	The Vanguard Group, Inc.	BUY	331.14	Ordinary	3,036	3,036
14-Feb-2020	The Vanguard Group, Inc.	BUY	331.14	Ordinary	399	399
14-Feb-2020	The Vanguard Group, Inc.	BUY	331.14	Ordinary	1,210	1,210
14-Feb-2020	The Vanguard Group, Inc.	BUY	331.14	Ordinary	484	484
14-Feb-2020	The Vanguard Group, Inc.	SELL	331.19	Ordinary	(4,094)	(4,094)
14-Feb-2020	The Vanguard Group, Inc.	SELL	329.23	Ordinary	(1,843)	(1,843)
18-Feb-2020	The Vanguard Group, Inc.	BUY	331.17	Ordinary	1,329	1,329
19-Feb-2020	The Vanguard Group, Inc.	BUY	335.56	Ordinary	14,916	14,916
19-Feb-2020	The Vanguard Group, Inc.	BUY	341.00	Ordinary	10,232	10,232
19-Feb-2020	The Vanguard Group, Inc.	BUY	342.23	Ordinary	2,530	2,530
19-Feb-2020	The Vanguard Group, Inc.	BUY	335.92	Ordinary	20,599	20,599
20-Feb-2020	The Vanguard Group, Inc.	BUY	339.42	Ordinary	7,056	7,056
20-Feb-2020	The Vanguard Group, Inc.	BUY	338.84	Ordinary	480	480
20-Feb-2020	The Vanguard Group, Inc.	BUY	338.68	Ordinary	90	90
20-Feb-2020	The Vanguard Group, Inc.	BUY	338.68	Ordinary	6,146	6,146
21-Feb-2020	The Vanguard Group, Inc.	BUY	338.30	Ordinary	8,401	8,401
21-Feb-2020	The Vanguard Group, Inc.	BUY	334.87	Ordinary	4,048	4,048
21-Feb-2020	The Vanguard Group, Inc.	SELL	336.40	Ordinary	(472)	(472)
21-Feb-2020	The Vanguard Group, Inc.	BUY	336.40	Ordinary	663	663
24-Feb-2020	The Vanguard Group, Inc.	BUY	320.35	Ordinary	266	266
24-Feb-2020	The Vanguard Group, Inc.	SELL	320.35	Ordinary	(2,185)	(2,185)
25-Feb-2020	The Vanguard Group, Inc.	BUY	324.00	Ordinary	11,607	11,607
25-Feb-2020	The Vanguard Group, Inc.	BUY	315.38	Ordinary	11,616	11,616
25-Feb-2020	The Vanguard Group, Inc.	BUY	312.61	Ordinary	3,036	3,036
25-Feb-2020	The Vanguard Group, Inc.	BUY	312.61	Ordinary	720	720
25-Feb-2020	The Vanguard Group, Inc.	SELL	314.86	Ordinary	(1,905)	(1,905)
25-Feb-2020	The Vanguard Group, Inc.	SELL	312.61	Ordinary	(874)	(874)
25-Feb-2020	The Vanguard Group, Inc.	SELL	312.61	Ordinary	(825)	(825)
25-Feb-2020	The Vanguard Group, Inc.	BUY	324.00	Ordinary	284	284
25-Feb-2020	The Vanguard Group, Inc.	BUY	324.00	Ordinary	25	25
25-Feb-2020	The Vanguard Group, Inc.	BUY	315.38	Ordinary	186	186
25-Feb-2020	The Vanguard Group, Inc.	SELL	324.00	Ordinary	(9,313)	(9,313)
26-Feb-2020	The Vanguard Group, Inc.	BUY	310.59	Ordinary	8,642	8,642
26-Feb-2020	The Vanguard Group, Inc.	BUY	317.14	Ordinary	7,221	7,221
26-Feb-2020	The Vanguard Group, Inc.	BUY	317.14	Ordinary	8,838	8,838
26-Feb-2020	The Vanguard Group, Inc.	BUY	310.59	Ordinary	184	184
26-Feb-2020	The Vanguard Group, Inc.	BUY	317.14	Ordinary	1,281	1,281
26-Feb-2020	The Vanguard Group, Inc.	BUY	317.14	Ordinary	202	202
26-Feb-2020	The Vanguard Group, Inc.	BUY	310.59	Ordinary	913	913
26-Feb-2020	The Vanguard Group, Inc.	BUY	310.59	Ordinary	298	298
27-Feb-2020	The Vanguard Group, Inc.	BUY	310.04	Ordinary	10,489	10,489
27-Feb-2020	The Vanguard Group, Inc.	BUY	308.56	Ordinary	2,071	2,071
27-Feb-2020	The Vanguard Group, Inc.	BUY	308.56	Ordinary	240	240
27-Feb-2020	The Vanguard Group, Inc.	BUY	317.50	Ordinary	29	29
27-Feb-2020	The Vanguard Group, Inc.	BUY	310.04	Ordinary	1,482	1,482
28-Feb-2020	The Vanguard Group, Inc.	BUY	309.44	Ordinary	23,777	23,777
28-Feb-2020	The Vanguard Group, Inc.	BUY	312.01	Ordinary	4,697	4,697
28-Feb-2020	The Vanguard Group, Inc.	BUY	312.01	Ordinary	7,437	7,437
28-Feb-2020	The Vanguard Group, Inc.	BUY	308.57	Ordinary	5,556	5,556
28-Feb-2020	The Vanguard Group, Inc.	BUY	308.57	Ordinary	3,510	3,510
28-Feb-2020	The Vanguard Group, Inc.	BUY	312.01	Ordinary	2,969	2,969
28-Feb-2020	The Vanguard Group, Inc.	BUY	308.57	Ordinary	2,219	2,219
28-Feb-2020	The Vanguard Group, Inc.	BUY	309.43	Ordinary	46	46
28-Feb-2020	The Vanguard Group, Inc.	BUY	309.43	Ordinary	1,191	1,191
28-Feb-2020	The Vanguard Group, Inc.	SELL	309.44	Ordinary	(597)	(597)
2-Mar-2020	The Vanguard Group, Inc.	SELL	318.58	Ordinary	(4,048)	(4,048)

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2-Mar-2020	The Vanguard Group, Inc.	SELL	298.62	Ordinary	(293)	(293)
3-Mar-2020	The Vanguard Group, Inc.	BUY	304.64	Ordinary	266	266
3-Mar-2020	The Vanguard Group, Inc.	BUY	313.00	Ordinary	165	165
3-Mar-2020	The Vanguard Group, Inc.	BUY	313.00	Ordinary	1,423	1,423
3-Mar-2020	The Vanguard Group, Inc.	BUY	313.00	Ordinary	103	103
4-Mar-2020	The Vanguard Group, Inc.	BUY	315.44	Ordinary	532	532
4-Mar-2020	The Vanguard Group, Inc.	BUY	315.44	Ordinary	399	399
4-Mar-2020	The Vanguard Group, Inc.	BUY	306.14	Ordinary	169	169
4-Mar-2020	The Vanguard Group, Inc.	BUY	306.14	Ordinary	165	165
4-Mar-2020	The Vanguard Group, Inc.	BUY	306.14	Ordinary	330	330
4-Mar-2020	The Vanguard Group, Inc.	BUY	306.14	Ordinary	165	165
5-Mar-2020	The Vanguard Group, Inc.	BUY	315.03	Ordinary	2,928	2,928
5-Mar-2020	The Vanguard Group, Inc.	BUY	315.03	Ordinary	427	427
5-Mar-2020	The Vanguard Group, Inc.	SELL	315.03	Ordinary	(191)	(191)
5-Mar-2020	The Vanguard Group, Inc.	BUY	315.03	Ordinary	2,223	2,223
5-Mar-2020	The Vanguard Group, Inc.	SELL	316.90	Ordinary	(54,748)	(54,748)
6-Mar-2020	The Vanguard Group, Inc.	BUY	316.07	Ordinary	14,857	14,857
6-Mar-2020	The Vanguard Group, Inc.	SELL	311.99	Ordinary	(3,036)	(3,036)
6-Mar-2020	The Vanguard Group, Inc.	BUY	314.59	Ordinary	248	248
6-Mar-2020	The Vanguard Group, Inc.	BUY	316.90	Ordinary	51	51
6-Mar-2020	The Vanguard Group, Inc.	SELL	314.59	Ordinary	(40,065)	(40,065)
9-Mar-2020	The Vanguard Group, Inc.	BUY	284.16	Ordinary	399	399
9-Mar-2020	The Vanguard Group, Inc.	BUY	284.16	Ordinary	133	133
9-Mar-2020	The Vanguard Group, Inc.	SELL	295.96	Ordinary	(9,944)	(9,944)
9-Mar-2020	The Vanguard Group, Inc.	BUY	295.96	Ordinary	643	643
10-Mar-2020	The Vanguard Group, Inc.	BUY	288.75	Ordinary	35,115	35,115
10-Mar-2020	The Vanguard Group, Inc.	BUY	314.98	Ordinary	648	648
10-Mar-2020	The Vanguard Group, Inc.	BUY	314.98	Ordinary	1,200	1,200
10-Mar-2020	The Vanguard Group, Inc.	SELL	314.98	Ordinary	(2,530)	(2,530)
10-Mar-2020	The Vanguard Group, Inc.	SELL	285.00	Ordinary	(455)	(455)
10-Mar-2020	The Vanguard Group, Inc.	BUY	308.97	Ordinary	285	285
10-Mar-2020	The Vanguard Group, Inc.	BUY	288.75	Ordinary	193	193
10-Mar-2020	The Vanguard Group, Inc.	BUY	308.97	Ordinary	165	165
10-Mar-2020	The Vanguard Group, Inc.	SELL	308.97	Ordinary	(2,767)	(2,767)
10-Mar-2020	The Vanguard Group, Inc.	BUY	308.97	Ordinary	343	343
11-Mar-2020	The Vanguard Group, Inc.	BUY	318.42	Ordinary	25,026	25,026
11-Mar-2020	The Vanguard Group, Inc.	BUY	299.53	Ordinary	720	720
11-Mar-2020	The Vanguard Group, Inc.	SELL	319.35	Ordinary	(668)	(668)
11-Mar-2020	The Vanguard Group, Inc.	SELL	299.53	Ordinary	(1,518)	(1,518)
11-Mar-2020	The Vanguard Group, Inc.	BUY	318.42	Ordinary	2,128	2,128
11-Mar-2020	The Vanguard Group, Inc.	BUY	303.81	Ordinary	90	90
12-Mar-2020	The Vanguard Group, Inc.	BUY	293.69	Ordinary	16,517	16,517
12-Mar-2020	The Vanguard Group, Inc.	BUY	267.73	Ordinary	2,385	2,385
12-Mar-2020	The Vanguard Group, Inc.	SELL	267.73	Ordinary	(5,566)	(5,566)
12-Mar-2020	The Vanguard Group, Inc.	BUY	280.51	Ordinary	328	328
12-Mar-2020	The Vanguard Group, Inc.	BUY	280.51	Ordinary	164	164
12-Mar-2020	The Vanguard Group, Inc.	BUY	280.51	Ordinary	1,567	1,567
13-Mar-2020	The Vanguard Group, Inc.	BUY	266.43	Ordinary	34,152	34,152
13-Mar-2020	The Vanguard Group, Inc.	BUY	305.82	Ordinary	31,638	31,638
13-Mar-2020	The Vanguard Group, Inc.	BUY	326.58	Ordinary	1,106	1,106
13-Mar-2020	The Vanguard Group, Inc.	BUY	326.58	Ordinary	665	665
13-Mar-2020	The Vanguard Group, Inc.	BUY	326.58	Ordinary	133	133
13-Mar-2020	The Vanguard Group, Inc.	BUY	326.58	Ordinary	1,440	1,440
13-Mar-2020	The Vanguard Group, Inc.	BUY	313.83	Ordinary	141	141
16-Mar-2020	The Vanguard Group, Inc.	BUY	273.44	Ordinary	720	720
16-Mar-2020	The Vanguard Group, Inc.	SELL	273.44	Ordinary	(1,308)	(1,308)
16-Mar-2020	The Vanguard Group, Inc.	SELL	273.44	Ordinary	(1,284)	(1,284)
16-Mar-2020	The Vanguard Group, Inc.	BUY	281.34	Ordinary	309	309
16-Mar-2020	The Vanguard Group, Inc.	BUY	281.34	Ordinary	426	426
16-Mar-2020	The Vanguard Group, Inc.	BUY	290.68	Ordinary	328	328
16-Mar-2020	The Vanguard Group, Inc.	BUY	281.34	Ordinary	164	164
16-Mar-2020	The Vanguard Group, Inc.	BUY	281.34	Ordinary	882	882
17-Mar-2020	The Vanguard Group, Inc.	BUY	284.76	Ordinary	50,869	50,869
17-Mar-2020	The Vanguard Group, Inc.	BUY	303.70	Ordinary	1,090	1,090
17-Mar-2020	The Vanguard Group, Inc.	BUY	303.70	Ordinary	981	981
17-Mar-2020	The Vanguard Group, Inc.	BUY	303.70	Ordinary	3,021	3,021
17-Mar-2020	The Vanguard Group, Inc.	BUY	303.70	Ordinary	1,920	1,920
17-Mar-2020	The Vanguard Group, Inc.	SELL	303.70	Ordinary	(1,744)	(1,744)

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17-Mar-2020	The Vanguard Group, Inc.	SELL	303.70	Ordinary	(4,048)	(4,048)
17-Mar-2020	The Vanguard Group, Inc.	SELL	303.70	Ordinary	(5,060)	(5,060)
17-Mar-2020	The Vanguard Group, Inc.	SELL	296.90	Ordinary	(343)	(343)
17-Mar-2020	The Vanguard Group, Inc.	BUY	296.90	Ordinary	23	23
17-Mar-2020	The Vanguard Group, Inc.	BUY	284.76	Ordinary	161	161
17-Mar-2020	The Vanguard Group, Inc.	BUY	296.90	Ordinary	156	156
18-Mar-2020	The Vanguard Group, Inc.	BUY	284.59	Ordinary	43,549	43,549
18-Mar-2020	The Vanguard Group, Inc.	BUY	282.25	Ordinary	532	532
18-Mar-2020	The Vanguard Group, Inc.	BUY	282.25	Ordinary	1,440	1,440
18-Mar-2020	The Vanguard Group, Inc.	BUY	284.59	Ordinary	929	929
18-Mar-2020	The Vanguard Group, Inc.	BUY	271.40	Ordinary	164	164
18-Mar-2020	The Vanguard Group, Inc.	BUY	271.40	Ordinary	328	328
19-Mar-2020	The Vanguard Group, Inc.	BUY	278.52	Ordinary	32,666	32,666
19-Mar-2020	The Vanguard Group, Inc.	BUY	293.59	Ordinary	2,071	2,071
19-Mar-2020	The Vanguard Group, Inc.	BUY	293.59	Ordinary	266	266
19-Mar-2020	The Vanguard Group, Inc.	BUY	293.59	Ordinary	1,920	1,920
19-Mar-2020	The Vanguard Group, Inc.	BUY	278.52	Ordinary	34	34
19-Mar-2020	The Vanguard Group, Inc.	BUY	283.91	Ordinary	60	60
20-Mar-2020	The Vanguard Group, Inc.	BUY	282.79	Ordinary	42,240	42,240
20-Mar-2020	The Vanguard Group, Inc.	BUY	275.25	Ordinary	636	636
20-Mar-2020	The Vanguard Group, Inc.	BUY	275.25	Ordinary	266	266
20-Mar-2020	The Vanguard Group, Inc.	SELL	275.25	Ordinary	(2,180)	(2,180)
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(24,302)	(24,302)
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(10,197)	(10,197)
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(1,176)	(1,176)
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(5,194)	(5,194)
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(221)	(221)
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(12)	(12)
20-Mar-2020	The Vanguard Group, Inc.	BUY	270.88	Ordinary	164	164
20-Mar-2020	The Vanguard Group, Inc.	SELL	276.62	Ordinary	(151)	(151)
23-Mar-2020	The Vanguard Group, Inc.	BUY	279.38	Ordinary	1,431	1,431
23-Mar-2020	The Vanguard Group, Inc.	SELL	251.25	Ordinary	(874)	(874)
23-Mar-2020	The Vanguard Group, Inc.	SELL	279.38	Ordinary	(1,744)	(1,744)
23-Mar-2020	The Vanguard Group, Inc.	SELL	251.25	Ordinary	(340)	(340)
23-Mar-2020	The Vanguard Group, Inc.	BUY	282.24	Ordinary	393	393
23-Mar-2020	The Vanguard Group, Inc.	BUY	282.24	Ordinary	164	164
23-Mar-2020	The Vanguard Group, Inc.	BUY	282.24	Ordinary	881	881
23-Mar-2020	The Vanguard Group, Inc.	BUY	282.24	Ordinary	65	65
23-Mar-2020	The Vanguard Group, Inc.	BUY	282.24	Ordinary	693	693
24-Mar-2020	The Vanguard Group, Inc.	BUY	284.93	Ordinary	23,835	23,835
24-Mar-2020	The Vanguard Group, Inc.	SELL	282.70	Ordinary	(2,672)	(2,672)
24-Mar-2020	The Vanguard Group, Inc.	BUY	284.93	Ordinary	91	91
24-Mar-2020	The Vanguard Group, Inc.	BUY	285.35	Ordinary	164	164
25-Mar-2020	The Vanguard Group, Inc.	BUY	289.61	Ordinary	29,764	29,764
25-Mar-2020	The Vanguard Group, Inc.	SELL	294.37	Ordinary	(1,284)	(1,284)
25-Mar-2020	The Vanguard Group, Inc.	BUY	284.36	Ordinary	672	672
25-Mar-2020	The Vanguard Group, Inc.	BUY	284.36	Ordinary	65	65
25-Mar-2020	The Vanguard Group, Inc.	BUY	289.61	Ordinary	1,548	1,548
26-Mar-2020	The Vanguard Group, Inc.	SELL	312.57	Ordinary	(1,308)	(1,308)
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	4,519	4,519
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	2,817	2,817
27-Mar-2020	The Vanguard Group, Inc.	BUY	309.54	Ordinary	1,920	1,920
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	45	45
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	328	328
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	328	328
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	138	138
27-Mar-2020	The Vanguard Group, Inc.	BUY	279.12	Ordinary	16,814	16,814
30-Mar-2020	The Vanguard Group, Inc.	BUY	282.19	Ordinary	1,990	1,990
30-Mar-2020	The Vanguard Group, Inc.	BUY	312.93	Ordinary	1,200	1,200
30-Mar-2020	The Vanguard Group, Inc.	BUY	312.68	Ordinary	1,606	1,606
30-Mar-2020	The Vanguard Group, Inc.	BUY	312.68	Ordinary	871	871
31-Mar-2020	The Vanguard Group, Inc.	BUY	314.20	Ordinary	1,838	1,838
31-Mar-2020	The Vanguard Group, Inc.	BUY	294.70	Ordinary	720	720
31-Mar-2020	The Vanguard Group, Inc.	SELL	296.68	Ordinary	(10,187)	(10,187)
31-Mar-2020	The Vanguard Group, Inc.	BUY	296.68	Ordinary	165	165
31-Mar-2020	The Vanguard Group, Inc.	BUY	296.68	Ordinary	104	104
31-Mar-2020	The Vanguard Group, Inc.	BUY	296.68	Ordinary	5,319	5,319
1-Apr-2020	The Vanguard Group, Inc.	BUY	311.51	Ordinary	2,719	2,719

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1-Apr-2020	The Vanguard Group, Inc.	BUY	311.51	Ordinary	648	648
1-Apr-2020	The Vanguard Group, Inc.	BUY	311.51	Ordinary	3,018	3,018
1-Apr-2020	The Vanguard Group, Inc.	BUY	299.23	Ordinary	960	960
1-Apr-2020	The Vanguard Group, Inc.	SELL	311.51	Ordinary	(5,256)	(5,256)
1-Apr-2020	The Vanguard Group, Inc.	BUY	311.51	Ordinary	322	322
1-Apr-2020	The Vanguard Group, Inc.	BUY	311.51	Ordinary	85	85
1-Apr-2020	The Vanguard Group, Inc.	BUY	307.00	Ordinary	1,742	1,742
1-Apr-2020	The Vanguard Group, Inc.	BUY	307.00	Ordinary	731	731
2-Apr-2020	The Vanguard Group, Inc.	BUY	314.67	Ordinary	1,090	1,090
2-Apr-2020	The Vanguard Group, Inc.	BUY	314.67	Ordinary	399	399
2-Apr-2020	The Vanguard Group, Inc.	BUY	314.67	Ordinary	480	480
2-Apr-2020	The Vanguard Group, Inc.	BUY	300.00	Ordinary	201	201
3-Apr-2020	The Vanguard Group, Inc.	BUY	315.00	Ordinary	871	871
3-Apr-2020	The Vanguard Group, Inc.	SELL	315.00	Ordinary	(546)	(546)
6-Apr-2020	The Vanguard Group, Inc.	BUY	319.90	Ordinary	166	166
6-Apr-2020	The Vanguard Group, Inc.	BUY	319.90	Ordinary	96	96
7-Apr-2020	The Vanguard Group, Inc.	BUY	328.00	Ordinary	2,859	2,859
7-Apr-2020	The Vanguard Group, Inc.	BUY	328.00	Ordinary	1,129	1,129
7-Apr-2020	The Vanguard Group, Inc.	BUY	312.09	Ordinary	1,200	1,200
7-Apr-2020	The Vanguard Group, Inc.	BUY	311.99	Ordinary	166	166
7-Apr-2020	The Vanguard Group, Inc.	BUY	311.99	Ordinary	2,610	2,610
8-Apr-2020	The Vanguard Group, Inc.	BUY	315.47	Ordinary	1,417	1,417
8-Apr-2020	The Vanguard Group, Inc.	BUY	306.00	Ordinary	3,598	3,598
8-Apr-2020	The Vanguard Group, Inc.	BUY	315.47	Ordinary	720	720
8-Apr-2020	The Vanguard Group, Inc.	BUY	306.00	Ordinary	117	117
9-Apr-2020	The Vanguard Group, Inc.	BUY	327.37	Ordinary	399	399
9-Apr-2020	The Vanguard Group, Inc.	BUY	327.37	Ordinary	133	133
9-Apr-2020	The Vanguard Group, Inc.	BUY	327.37	Ordinary	720	720
9-Apr-2020	The Vanguard Group, Inc.	SELL	329.00	Ordinary	(6,074)	(6,074)
9-Apr-2020	The Vanguard Group, Inc.	BUY	329.00	Ordinary	551	551
9-Apr-2020	The Vanguard Group, Inc.	BUY	329.00	Ordinary	187	187
14-Apr-2020	The Vanguard Group, Inc.	BUY	325.46	Ordinary	399	399
14-Apr-2020	The Vanguard Group, Inc.	BUY	325.46	Ordinary	1,920	1,920
14-Apr-2020	The Vanguard Group, Inc.	SELL	325.97	Ordinary	(637)	(637)
15-Apr-2020	The Vanguard Group, Inc.	BUY	330.00	Ordinary	2,565	2,565
15-Apr-2020	The Vanguard Group, Inc.	BUY	316.82	Ordinary	399	399
15-Apr-2020	The Vanguard Group, Inc.	BUY	316.82	Ordinary	960	960
15-Apr-2020	The Vanguard Group, Inc.	SELL	316.82	Ordinary	(2,036)	(2,036)
15-Apr-2020	The Vanguard Group, Inc.	SELL	316.82	Ordinary	(4,581)	(4,581)
15-Apr-2020	The Vanguard Group, Inc.	SELL	316.82	Ordinary	(4,072)	(4,072)
15-Apr-2020	The Vanguard Group, Inc.	SELL	330.00	Ordinary	(156)	(156)
15-Apr-2020	The Vanguard Group, Inc.	BUY	324.15	Ordinary	106	106
16-Apr-2020	The Vanguard Group, Inc.	BUY	324.13	Ordinary	1,200	1,200
16-Apr-2020	The Vanguard Group, Inc.	SELL	318.00	Ordinary	(5,857)	(5,857)
16-Apr-2020	The Vanguard Group, Inc.	BUY	324.86	Ordinary	870	870
17-Apr-2020	The Vanguard Group, Inc.	BUY	328.59	Ordinary	763	763
17-Apr-2020	The Vanguard Group, Inc.	BUY	328.59	Ordinary	1,605	1,605
17-Apr-2020	The Vanguard Group, Inc.	BUY	328.59	Ordinary	1,920	1,920
17-Apr-2020	The Vanguard Group, Inc.	BUY	329.98	Ordinary	112	112
20-Apr-2020	The Vanguard Group, Inc.	BUY	314.54	Ordinary	1,526	1,526
20-Apr-2020	The Vanguard Group, Inc.	BUY	314.54	Ordinary	872	872
21-Apr-2020	The Vanguard Group, Inc.	BUY	316.01	Ordinary	2,370	2,370
21-Apr-2020	The Vanguard Group, Inc.	SELL	316.01	Ordinary	(5,079)	(5,079)
21-Apr-2020	The Vanguard Group, Inc.	BUY	306.69	Ordinary	111	111
21-Apr-2020	The Vanguard Group, Inc.	BUY	306.69	Ordinary	98	98
22-Apr-2020	The Vanguard Group, Inc.	BUY	305.75	Ordinary	491	491
22-Apr-2020	The Vanguard Group, Inc.	BUY	313.05	Ordinary	963	963
22-Apr-2020	The Vanguard Group, Inc.	BUY	305.75	Ordinary	2,814	2,814
24-Apr-2020	The Vanguard Group, Inc.	BUY	309.46	Ordinary	1,129	1,129
24-Apr-2020	The Vanguard Group, Inc.	SELL	309.46	Ordinary	(642)	(642)
24-Apr-2020	The Vanguard Group, Inc.	BUY	309.46	Ordinary	78	78
27-Apr-2020	The Vanguard Group, Inc.	BUY	318.20	Ordinary	1,012	1,012
27-Apr-2020	The Vanguard Group, Inc.	BUY	323.66	Ordinary	472	472
27-Apr-2020	The Vanguard Group, Inc.	SELL	323.66	Ordinary	(1,064)	(1,064)
28-Apr-2020	The Vanguard Group, Inc.	BUY	318.64	Ordinary	1,090	1,090
29-Apr-2020	The Vanguard Group, Inc.	BUY	318.00	Ordinary	1,683	1,683
30-Apr-2020	The Vanguard Group, Inc.	BUY	314.51	Ordinary	3,012	3,012
30-Apr-2020	The Vanguard Group, Inc.	SELL	305.88	Ordinary	(4,581)	(4,581)

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-Apr-2020	The Vanguard Group, Inc.	SELL	305.88	Ordinary	(760)	(760)
30-Apr-2020	The Vanguard Group, Inc.	SELL	309.44	Ordinary	(2,496)	(2,496)
30-Apr-2020	The Vanguard Group, Inc.	BUY	309.44	Ordinary	70	70
30-Apr-2020	The Vanguard Group, Inc.	SELL	309.44	Ordinary	(565)	(565)
1-May-2020	The Vanguard Group, Inc.	SELL	300.48	Ordinary	(1,744)	(1,744)
1-May-2020	The Vanguard Group, Inc.	SELL	300.48	Ordinary	(6,108)	(6,108)
1-May-2020	The Vanguard Group, Inc.	SELL	308.00	Ordinary	(364)	(364)
1-May-2020	The Vanguard Group, Inc.	SELL	300.48	Ordinary	(725)	(725)
4-May-2020	The Vanguard Group, Inc.	BUY	306.08	Ordinary	472	472
4-May-2020	The Vanguard Group, Inc.	BUY	306.08	Ordinary	1,652	1,652
4-May-2020	The Vanguard Group, Inc.	BUY	299.39	Ordinary	174	174
5-May-2020	The Vanguard Group, Inc.	BUY	307.78	Ordinary	1,888	1,888
6-May-2020	The Vanguard Group, Inc.	BUY	305.80	Ordinary	1,888	1,888
6-May-2020	The Vanguard Group, Inc.	BUY	308.50	Ordinary	137	137
6-May-2020	The Vanguard Group, Inc.	BUY	306.78	Ordinary	1,916	1,916
7-May-2020	The Vanguard Group, Inc.	BUY	309.40	Ordinary	9,227	9,227
7-May-2020	The Vanguard Group, Inc.	SELL	310.79	Ordinary	(333)	(333)
7-May-2020	The Vanguard Group, Inc.	SELL	310.79	Ordinary	(180)	(180)
7-May-2020	The Vanguard Group, Inc.	BUY	310.79	Ordinary	282	282
7-May-2020	The Vanguard Group, Inc.	BUY	310.79	Ordinary	119	119
7-May-2020	The Vanguard Group, Inc.	BUY	307.93	Ordinary	166	166
8-May-2020	The Vanguard Group, Inc.	SELL	303.02	Ordinary	(3,052)	(3,052)
11-May-2020	The Vanguard Group, Inc.	BUY	303.98	Ordinary	472	472
11-May-2020	The Vanguard Group, Inc.	SELL	302.14	Ordinary	(6,313)	(6,313)
12-May-2020	The Vanguard Group, Inc.	BUY	307.61	Ordinary	166	166
13-May-2020	The Vanguard Group, Inc.	BUY	302.25	Ordinary	1,177	1,177
13-May-2020	The Vanguard Group, Inc.	BUY	310.00	Ordinary	868	868
13-May-2020	The Vanguard Group, Inc.	BUY	310.00	Ordinary	1,175	1,175
14-May-2020	The Vanguard Group, Inc.	SELL	307.25	Ordinary	(1,208)	(1,208)
15-May-2020	The Vanguard Group, Inc.	BUY	302.86	Ordinary	2,152	2,152
15-May-2020	The Vanguard Group, Inc.	BUY	302.86	Ordinary	1,277	1,277
15-May-2020	The Vanguard Group, Inc.	BUY	301.84	Ordinary	9,389	9,389
15-May-2020	The Vanguard Group, Inc.	SELL	302.86	Ordinary	(549)	(549)
15-May-2020	The Vanguard Group, Inc.	BUY	301.84	Ordinary	868	868
15-May-2020	The Vanguard Group, Inc.	SELL	302.86	Ordinary	(1,675)	(1,675)
18-May-2020	The Vanguard Group, Inc.	BUY	310.72	Ordinary	1,255	1,255
18-May-2020	The Vanguard Group, Inc.	SELL	307.83	Ordinary	(939)	(939)
19-May-2020	The Vanguard Group, Inc.	BUY	299.06	Ordinary	1,506	1,506
19-May-2020	The Vanguard Group, Inc.	SELL	310.75	Ordinary	(1,357)	(1,357)
20-May-2020	The Vanguard Group, Inc.	BUY	303.42	Ordinary	1,004	1,004
20-May-2020	The Vanguard Group, Inc.	SELL	301.01	Ordinary	(765)	(765)
20-May-2020	The Vanguard Group, Inc.	BUY	300.96	Ordinary	378	378
20-May-2020	The Vanguard Group, Inc.	SELL	301.01	Ordinary	(101)	(101)
21-May-2020	The Vanguard Group, Inc.	BUY	303.97	Ordinary	1,633	1,633
21-May-2020	The Vanguard Group, Inc.	BUY	303.97	Ordinary	86	86
21-May-2020	The Vanguard Group, Inc.	BUY	297.97	Ordinary	869	869
22-May-2020	The Vanguard Group, Inc.	BUY	293.60	Ordinary	1,004	1,004
22-May-2020	The Vanguard Group, Inc.	SELL	295.02	Ordinary	(1,440)	(1,440)
22-May-2020	The Vanguard Group, Inc.	BUY	293.60	Ordinary	399	399
22-May-2020	The Vanguard Group, Inc.	BUY	290.93	Ordinary	2,478	2,478
26-May-2020	The Vanguard Group, Inc.	BUY	304.40	Ordinary	502	502
27-May-2020	The Vanguard Group, Inc.	BUY	290.85	Ordinary	266	266
27-May-2020	The Vanguard Group, Inc.	BUY	288.00	Ordinary	357	357
28-May-2020	The Vanguard Group, Inc.	BUY	287.43	Ordinary	5,232	5,232
28-May-2020	The Vanguard Group, Inc.	BUY	287.51	Ordinary	217	217
29-May-2020	The Vanguard Group, Inc.	SELL	277.84	Ordinary	(1,794)	(1,794)
29-May-2020	The Vanguard Group, Inc.	SELL	277.84	Ordinary	(1,896)	(1,896)
29-May-2020	The Vanguard Group, Inc.	SELL	276.22	Ordinary	(513)	(513)
29-May-2020	The Vanguard Group, Inc.	BUY	276.22	Ordinary	198	198
29-May-2020	The Vanguard Group, Inc.	BUY	277.89	Ordinary	3,285	3,285
1-Jun-2020	The Vanguard Group, Inc.	BUY	284.06	Ordinary	2,180	2,180
2-Jun-2020	The Vanguard Group, Inc.	BUY	284.93	Ordinary	6,540	6,540
2-Jun-2020	The Vanguard Group, Inc.	BUY	284.01	Ordinary	1,174	1,174
2-Jun-2020	The Vanguard Group, Inc.	BUY	284.73	Ordinary	9,988	9,988
3-Jun-2020	The Vanguard Group, Inc.	BUY	286.03	Ordinary	1,506	1,506
3-Jun-2020	The Vanguard Group, Inc.	SELL	284.06	Ordinary	(8,358)	(8,358)
3-Jun-2020	The Vanguard Group, Inc.	BUY	286.03	Ordinary	399	399
3-Jun-2020	The Vanguard Group, Inc.	BUY	283.55	Ordinary	166	166

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4-Jun-2020	The Vanguard Group, Inc.	BUY	293.50	Ordinary	2,180	2,180
4-Jun-2020	The Vanguard Group, Inc.	SELL	289.06	Ordinary	(14,677)	(14,677)
4-Jun-2020	The Vanguard Group, Inc.	BUY	289.22	Ordinary	419	419
5-Jun-2020	The Vanguard Group, Inc.	BUY	289.98	Ordinary	753	753
5-Jun-2020	The Vanguard Group, Inc.	SELL	286.88	Ordinary	(15,456)	(15,456)
5-Jun-2020	The Vanguard Group, Inc.	BUY	289.98	Ordinary	266	266
5-Jun-2020	The Vanguard Group, Inc.	BUY	285.33	Ordinary	179	179
5-Jun-2020	The Vanguard Group, Inc.	BUY	291.16	Ordinary	144	144
5-Jun-2020	The Vanguard Group, Inc.	BUY	285.33	Ordinary	181	181
9-Jun-2020	The Vanguard Group, Inc.	SELL	282.79	Ordinary	(31,654)	(31,654)
9-Jun-2020	The Vanguard Group, Inc.	SELL	289.99	Ordinary	(5,090)	(5,090)
9-Jun-2020	The Vanguard Group, Inc.	SELL	278.48	Ordinary	(1,896)	(1,896)
9-Jun-2020	The Vanguard Group, Inc.	BUY	278.48	Ordinary	266	266
9-Jun-2020	The Vanguard Group, Inc.	SELL	282.79	Ordinary	(158)	(158)
9-Jun-2020	The Vanguard Group, Inc.	BUY	278.50	Ordinary	230	230
9-Jun-2020	The Vanguard Group, Inc.	BUY	278.50	Ordinary	944	944
9-Jun-2020	The Vanguard Group, Inc.	BUY	278.50	Ordinary	870	870
10-Jun-2020	The Vanguard Group, Inc.	SELL	283.88	Ordinary	(20,993)	(20,993)
10-Jun-2020	The Vanguard Group, Inc.	SELL	285.69	Ordinary	(12,786)	(12,786)
11-Jun-2020	The Vanguard Group, Inc.	BUY	275.66	Ordinary	2,180	2,180
11-Jun-2020	The Vanguard Group, Inc.	SELL	282.02	Ordinary	(9,761)	(9,761)
11-Jun-2020	The Vanguard Group, Inc.	SELL	275.66	Ordinary	(2,036)	(2,036)
11-Jun-2020	The Vanguard Group, Inc.	SELL	275.66	Ordinary	(5,090)	(5,090)
11-Jun-2020	The Vanguard Group, Inc.	SELL	275.66	Ordinary	(3,054)	(3,054)
11-Jun-2020	The Vanguard Group, Inc.	SELL	284.82	Ordinary	(12,813)	(12,813)
15-Jun-2020	The Vanguard Group, Inc.	BUY	284.33	Ordinary	502	502
15-Jun-2020	The Vanguard Group, Inc.	SELL	284.33	Ordinary	(3,054)	(3,054)
15-Jun-2020	The Vanguard Group, Inc.	BUY	278.79	Ordinary	260	260
17-Jun-2020	The Vanguard Group, Inc.	BUY	286.78	Ordinary	753	753
17-Jun-2020	The Vanguard Group, Inc.	BUY	286.04	Ordinary	17	17
17-Jun-2020	The Vanguard Group, Inc.	BUY	287.16	Ordinary	6,757	6,757
18-Jun-2020	The Vanguard Group, Inc.	BUY	287.60	Ordinary	502	502
19-Jun-2020	The Vanguard Group, Inc.	BUY	288.25	Ordinary	3,193	3,193
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(55,612)	(55,612)
19-Jun-2020	The Vanguard Group, Inc.	SELL	286.59	Ordinary	(828)	(828)
19-Jun-2020	The Vanguard Group, Inc.	SELL	288.25	Ordinary	(1,926)	(1,926)
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(4,474)	(4,474)
19-Jun-2020	The Vanguard Group, Inc.	SELL	286.59	Ordinary	(2,212)	(2,212)
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(1,389)	(1,389)
19-Jun-2020	The Vanguard Group, Inc.	BUY	286.59	Ordinary	266	266
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(188)	(188)
19-Jun-2020	The Vanguard Group, Inc.	BUY	288.25	Ordinary	239	239
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(27)	(27)
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(71)	(71)
19-Jun-2020	The Vanguard Group, Inc.	SELL	287.81	Ordinary	(98)	(98)
22-Jun-2020	The Vanguard Group, Inc.	BUY	289.88	Ordinary	365	365
22-Jun-2020	The Vanguard Group, Inc.	BUY	289.88	Ordinary	334	334
22-Jun-2020	The Vanguard Group, Inc.	SELL	286.37	Ordinary	(679)	(679)
23-Jun-2020	The Vanguard Group, Inc.	SELL	290.59	Ordinary	(1,448)	(1,448)
23-Jun-2020	The Vanguard Group, Inc.	BUY	289.21	Ordinary	134	134
23-Jun-2020	The Vanguard Group, Inc.	SELL	290.59	Ordinary	(1,297)	(1,297)
24-Jun-2020	The Vanguard Group, Inc.	SELL	288.53	Ordinary	(1,122)	(1,122)
24-Jun-2020	The Vanguard Group, Inc.	SELL	288.53	Ordinary	(3,042)	(3,042)
24-Jun-2020	The Vanguard Group, Inc.	SELL	288.53	Ordinary	(3,120)	(3,120)
24-Jun-2020	The Vanguard Group, Inc.	SELL	288.53	Ordinary	(936)	(936)
24-Jun-2020	The Vanguard Group, Inc.	BUY	290.00	Ordinary	45	45
25-Jun-2020	The Vanguard Group, Inc.	SELL	293.14	Ordinary	(11,838)	(11,838)
25-Jun-2020	The Vanguard Group, Inc.	SELL	294.00	Ordinary	(288)	(288)
26-Jun-2020	The Vanguard Group, Inc.	SELL	296.15	Ordinary	(716)	(716)
29-Jun-2020	The Vanguard Group, Inc.	BUY	293.86	Ordinary	753	753
29-Jun-2020	The Vanguard Group, Inc.	BUY	293.86	Ordinary	384	384
30-Jun-2020	The Vanguard Group, Inc.	BUY	288.20	Ordinary	251	251
30-Jun-2020	The Vanguard Group, Inc.	BUY	293.60	Ordinary	1,388	1,388
30-Jun-2020	The Vanguard Group, Inc.	SELL	288.20	Ordinary	(2,525)	(2,525)
30-Jun-2020	The Vanguard Group, Inc.	BUY	287.00	Ordinary	10,595	10,595
1-Jul-2020	The Vanguard Group, Inc.	BUY	287.50	Ordinary	1,008	1,008
1-Jul-2020	The Vanguard Group, Inc.	BUY	287.50	Ordinary	378	378
2-Jul-2020	The Vanguard Group, Inc.	BUY	289.72	Ordinary	167	167

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3-Jul-2020	The Vanguard Group, Inc.	BUY	291.59	Ordinary	9	9
6-Jul-2020	The Vanguard Group, Inc.	BUY	291.14	Ordinary	1,020	1,020
6-Jul-2020	The Vanguard Group, Inc.	BUY	291.14	Ordinary	753	753
6-Jul-2020	The Vanguard Group, Inc.	BUY	291.14	Ordinary	768	768
6-Jul-2020	The Vanguard Group, Inc.	BUY	290.81	Ordinary	334	334
7-Jul-2020	The Vanguard Group, Inc.	SELL	290.34	Ordinary	(11,482)	(11,482)
7-Jul-2020	The Vanguard Group, Inc.	BUY	291.78	Ordinary	149	149
7-Jul-2020	The Vanguard Group, Inc.	BUY	290.08	Ordinary	152	152
7-Jul-2020	The Vanguard Group, Inc.	BUY	291.78	Ordinary	1,459	1,459
8-Jul-2020	The Vanguard Group, Inc.	SELL	283.87	Ordinary	(44,683)	(44,683)
8-Jul-2020	The Vanguard Group, Inc.	SELL	287.25	Ordinary	(145)	(145)
8-Jul-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	268	268
8-Jul-2020	The Vanguard Group, Inc.	BUY	287.25	Ordinary	286	286
8-Jul-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	167	167
9-Jul-2020	The Vanguard Group, Inc.	SELL	279.00	Ordinary	(4,753)	(4,753)
9-Jul-2020	The Vanguard Group, Inc.	BUY	279.00	Ordinary	593	593
10-Jul-2020	The Vanguard Group, Inc.	BUY	285.68	Ordinary	1,785	1,785
10-Jul-2020	The Vanguard Group, Inc.	SELL	285.68	Ordinary	(1,785)	(1,785)
10-Jul-2020	The Vanguard Group, Inc.	BUY	280.04	Ordinary	25	25
10-Jul-2020	The Vanguard Group, Inc.	BUY	282.37	Ordinary	153	153
10-Jul-2020	The Vanguard Group, Inc.	BUY	280.04	Ordinary	230	230
14-Jul-2020	The Vanguard Group, Inc.	BUY	280.00	Ordinary	453	453
14-Jul-2020	The Vanguard Group, Inc.	BUY	278.90	Ordinary	106	106
14-Jul-2020	The Vanguard Group, Inc.	SELL	278.90	Ordinary	(227)	(227)
15-Jul-2020	The Vanguard Group, Inc.	SELL	287.04	Ordinary	(5,232)	(5,232)
15-Jul-2020	The Vanguard Group, Inc.	SELL	287.04	Ordinary	(1,744)	(1,744)
15-Jul-2020	The Vanguard Group, Inc.	SELL	281.99	Ordinary	(7,897)	(7,897)
15-Jul-2020	The Vanguard Group, Inc.	BUY	281.40	Ordinary	400	400
16-Jul-2020	The Vanguard Group, Inc.	BUY	289.00	Ordinary	5,797	5,797
16-Jul-2020	The Vanguard Group, Inc.	BUY	289.00	Ordinary	556	556
16-Jul-2020	The Vanguard Group, Inc.	BUY	289.00	Ordinary	1,111	1,111
16-Jul-2020	The Vanguard Group, Inc.	SELL	289.00	Ordinary	(3,775)	(3,775)
16-Jul-2020	The Vanguard Group, Inc.	SELL	289.00	Ordinary	(186)	(186)
17-Jul-2020	The Vanguard Group, Inc.	BUY	282.01	Ordinary	1,973	1,973
17-Jul-2020	The Vanguard Group, Inc.	BUY	283.77	Ordinary	1,004	1,004
17-Jul-2020	The Vanguard Group, Inc.	BUY	283.77	Ordinary	753	753
17-Jul-2020	The Vanguard Group, Inc.	BUY	283.77	Ordinary	3,252	3,252
17-Jul-2020	The Vanguard Group, Inc.	SELL	281.87	Ordinary	(3,889)	(3,889)
17-Jul-2020	The Vanguard Group, Inc.	SELL	283.77	Ordinary	(3,252)	(3,252)
21-Jul-2020	The Vanguard Group, Inc.	BUY	286.00	Ordinary	2,100	2,100
22-Jul-2020	The Vanguard Group, Inc.	SELL	288.10	Ordinary	(7,915)	(7,915)
23-Jul-2020	The Vanguard Group, Inc.	SELL	282.79	Ordinary	(4,942)	(4,942)
24-Jul-2020	The Vanguard Group, Inc.	SELL	279.72	Ordinary	(6,145)	(6,145)
29-Jul-2020	The Vanguard Group, Inc.	BUY	271.67	Ordinary	3,383	3,383
29-Jul-2020	The Vanguard Group, Inc.	SELL	271.49	Ordinary	(9,943)	(9,943)
29-Jul-2020	The Vanguard Group, Inc.	SELL	271.49	Ordinary	(381)	(381)
29-Jul-2020	The Vanguard Group, Inc.	BUY	271.67	Ordinary	19	19
29-Jul-2020	The Vanguard Group, Inc.	BUY	271.67	Ordinary	123	123
30-Jul-2020	The Vanguard Group, Inc.	BUY	274.24	Ordinary	256	256
30-Jul-2020	The Vanguard Group, Inc.	BUY	274.45	Ordinary	138	138
31-Jul-2020	The Vanguard Group, Inc.	BUY	271.50	Ordinary	3,855	3,855
31-Jul-2020	The Vanguard Group, Inc.	SELL	271.50	Ordinary	(5,150)	(5,150)
31-Jul-2020	The Vanguard Group, Inc.	BUY	270.10	Ordinary	154	154
31-Jul-2020	The Vanguard Group, Inc.	BUY	270.10	Ordinary	414	414
3-Aug-2020	The Vanguard Group, Inc.	BUY	279.94	Ordinary	753	753
3-Aug-2020	The Vanguard Group, Inc.	BUY	270.00	Ordinary	494	494
3-Aug-2020	The Vanguard Group, Inc.	BUY	270.00	Ordinary	323	323
3-Aug-2020	The Vanguard Group, Inc.	BUY	270.00	Ordinary	201	201
3-Aug-2020	The Vanguard Group, Inc.	BUY	277.15	Ordinary	2,607	2,607
3-Aug-2020	The Vanguard Group, Inc.	BUY	277.15	Ordinary	295	295
4-Aug-2020	The Vanguard Group, Inc.	BUY	282.78	Ordinary	623	623
4-Aug-2020	The Vanguard Group, Inc.	BUY	282.98	Ordinary	502	502
4-Aug-2020	The Vanguard Group, Inc.	BUY	282.98	Ordinary	384	384
4-Aug-2020	The Vanguard Group, Inc.	BUY	282.78	Ordinary	1,753	1,753
4-Aug-2020	The Vanguard Group, Inc.	BUY	283.16	Ordinary	154	154
5-Aug-2020	The Vanguard Group, Inc.	BUY	278.21	Ordinary	753	753
5-Aug-2020	The Vanguard Group, Inc.	BUY	278.21	Ordinary	753	753
5-Aug-2020	The Vanguard Group, Inc.	SELL	279.00	Ordinary	(251)	(251)

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5-Aug-2020	The Vanguard Group, Inc.	BUY	278.15	Ordinary	166	166
6-Aug-2020	The Vanguard Group, Inc.	BUY	278.78	Ordinary	256	256
7-Aug-2020	The Vanguard Group, Inc.	BUY	274.19	Ordinary	134	134
10-Aug-2020	The Vanguard Group, Inc.	BUY	276.76	Ordinary	18	18
11-Aug-2020	The Vanguard Group, Inc.	BUY	278.82	Ordinary	2,688	2,688
11-Aug-2020	The Vanguard Group, Inc.	BUY	280.98	Ordinary	4,888	4,888
12-Aug-2020	The Vanguard Group, Inc.	BUY	281.73	Ordinary	155	155
13-Aug-2020	The Vanguard Group, Inc.	SELL	278.51	Ordinary	(1,744)	(1,744)
13-Aug-2020	The Vanguard Group, Inc.	SELL	278.51	Ordinary	(1,560)	(1,560)
13-Aug-2020	The Vanguard Group, Inc.	BUY	277.80	Ordinary	165	165
17-Aug-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	4,545	4,545
17-Aug-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	6,060	6,060
17-Aug-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	753	753
17-Aug-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	2,040	2,040
17-Aug-2020	The Vanguard Group, Inc.	BUY	280.50	Ordinary	256	256
17-Aug-2020	The Vanguard Group, Inc.	BUY	280.00	Ordinary	152	152
18-Aug-2020	The Vanguard Group, Inc.	BUY	293.10	Ordinary	1,224	1,224
18-Aug-2020	The Vanguard Group, Inc.	SELL	293.10	Ordinary	(18,120)	(18,120)
18-Aug-2020	The Vanguard Group, Inc.	BUY	293.10	Ordinary	18,120	18,120
18-Aug-2020	The Vanguard Group, Inc.	BUY	293.29	Ordinary	3,943	3,943
19-Aug-2020	The Vanguard Group, Inc.	SELL	305.10	Ordinary	(223)	(223)
19-Aug-2020	The Vanguard Group, Inc.	BUY	305.10	Ordinary	18	18
20-Aug-2020	The Vanguard Group, Inc.	BUY	305.00	Ordinary	2,469	2,469
20-Aug-2020	The Vanguard Group, Inc.	BUY	301.48	Ordinary	390	390
20-Aug-2020	The Vanguard Group, Inc.	BUY	301.48	Ordinary	714	714
20-Aug-2020	The Vanguard Group, Inc.	BUY	301.48	Ordinary	256	256
21-Aug-2020	The Vanguard Group, Inc.	BUY	298.02	Ordinary	324	324
21-Aug-2020	The Vanguard Group, Inc.	SELL	298.02	Ordinary	(443)	(443)
21-Aug-2020	The Vanguard Group, Inc.	SELL	295.52	Ordinary	(999)	(999)
21-Aug-2020	The Vanguard Group, Inc.	BUY	295.52	Ordinary	165	165
25-Aug-2020	The Vanguard Group, Inc.	BUY	294.72	Ordinary	1,302	1,302
26-Aug-2020	The Vanguard Group, Inc.	SELL	288.20	Ordinary	(177)	(177)
26-Aug-2020	The Vanguard Group, Inc.	SELL	290.97	Ordinary	(230)	(230)
27-Aug-2020	The Vanguard Group, Inc.	BUY	293.34	Ordinary	2,525	2,525
27-Aug-2020	The Vanguard Group, Inc.	BUY	293.34	Ordinary	2,142	2,142
27-Aug-2020	The Vanguard Group, Inc.	BUY	292.24	Ordinary	14	14
28-Aug-2020	The Vanguard Group, Inc.	BUY	289.89	Ordinary	165	165
31-Aug-2020	The Vanguard Group, Inc.	BUY	284.51	Ordinary	753	753
31-Aug-2020	The Vanguard Group, Inc.	BUY	289.20	Ordinary	10	10
31-Aug-2020	The Vanguard Group, Inc.	SELL	286.30	Ordinary	(1,127)	(1,127)
1-Sep-2020	The Vanguard Group, Inc.	BUY	283.85	Ordinary	251	251
1-Sep-2020	The Vanguard Group, Inc.	SELL	283.85	Ordinary	(181,231)	(181,231)
1-Sep-2020	The Vanguard Group, Inc.	BUY	283.85	Ordinary	181,231	181,231
2-Sep-2020	The Vanguard Group, Inc.	BUY	289.76	Ordinary	1,020	1,020
2-Sep-2020	The Vanguard Group, Inc.	BUY	289.76	Ordinary	384	384
2-Sep-2020	The Vanguard Group, Inc.	SELL	282.00	Ordinary	(203)	(203)
2-Sep-2020	The Vanguard Group, Inc.	BUY	287.20	Ordinary	5,027	5,027
3-Sep-2020	The Vanguard Group, Inc.	BUY	285.31	Ordinary	1,020	1,020
3-Sep-2020	The Vanguard Group, Inc.	BUY	293.50	Ordinary	287	287
3-Sep-2020	The Vanguard Group, Inc.	BUY	293.50	Ordinary	1,041	1,041
3-Sep-2020	The Vanguard Group, Inc.	BUY	290.95	Ordinary	167	167
3-Sep-2020	The Vanguard Group, Inc.	BUY	290.95	Ordinary	694	694
4-Sep-2020	The Vanguard Group, Inc.	BUY	277.30	Ordinary	502	502
4-Sep-2020	The Vanguard Group, Inc.	SELL	279.05	Ordinary	(3,392)	(3,392)
4-Sep-2020	The Vanguard Group, Inc.	BUY	277.30	Ordinary	1,020	1,020
4-Sep-2020	The Vanguard Group, Inc.	BUY	284.93	Ordinary	5,733	5,733
4-Sep-2020	The Vanguard Group, Inc.	BUY	284.93	Ordinary	91	91
8-Sep-2020	The Vanguard Group, Inc.	BUY	288.18	Ordinary	1,053	1,053
8-Sep-2020	The Vanguard Group, Inc.	BUY	288.18	Ordinary	138	138
8-Sep-2020	The Vanguard Group, Inc.	BUY	288.18	Ordinary	285	285
9-Sep-2020	The Vanguard Group, Inc.	BUY	280.52	Ordinary	19	19
9-Sep-2020	The Vanguard Group, Inc.	BUY	281.00	Ordinary	154	154
10-Sep-2020	The Vanguard Group, Inc.	SELL	282.00	Ordinary	(4,511)	(4,511)
10-Sep-2020	The Vanguard Group, Inc.	BUY	285.12	Ordinary	4,896	4,896
11-Sep-2020	The Vanguard Group, Inc.	BUY	282.40	Ordinary	1,530	1,530
11-Sep-2020	The Vanguard Group, Inc.	BUY	280.28	Ordinary	32	32
11-Sep-2020	The Vanguard Group, Inc.	BUY	280.28	Ordinary	183	183
11-Sep-2020	The Vanguard Group, Inc.	BUY	283.50	Ordinary	551	551

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14-Sep-2020	The Vanguard Group, Inc.	SELL	283.14	Ordinary	(5,966)	(5,966)
14-Sep-2020	The Vanguard Group, Inc.	BUY	283.14	Ordinary	212	212
15-Sep-2020	The Vanguard Group, Inc.	BUY	287.73	Ordinary	502	502
15-Sep-2020	The Vanguard Group, Inc.	SELL	287.24	Ordinary	(4,447)	(4,447)
15-Sep-2020	The Vanguard Group, Inc.	SELL	285.00	Ordinary	(38)	(38)
16-Sep-2020	The Vanguard Group, Inc.	BUY	290.65	Ordinary	256	256
16-Sep-2020	The Vanguard Group, Inc.	BUY	289.01	Ordinary	21	21
17-Sep-2020	The Vanguard Group, Inc.	BUY	286.17	Ordinary	502	502
17-Sep-2020	The Vanguard Group, Inc.	BUY	286.17	Ordinary	753	753
17-Sep-2020	The Vanguard Group, Inc.	SELL	285.72	Ordinary	(8,672)	(8,672)
17-Sep-2020	The Vanguard Group, Inc.	BUY	285.72	Ordinary	167	167
17-Sep-2020	The Vanguard Group, Inc.	BUY	285.72	Ordinary	138	138
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(2,128)	(2,128)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.62	Ordinary	(720)	(720)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(5,608)	(5,608)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(1,280)	(1,280)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(2,132)	(2,132)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.62	Ordinary	(6,060)	(6,060)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(52,325)	(52,325)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(2,108)	(2,108)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(1,799)	(1,799)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(187)	(187)
18-Sep-2020	The Vanguard Group, Inc.	BUY	286.56	Ordinary	12	12
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(48)	(48)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(770)	(770)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(862)	(862)
18-Sep-2020	The Vanguard Group, Inc.	SELL	282.73	Ordinary	(106)	(106)
21-Sep-2020	The Vanguard Group, Inc.	SELL	284.80	Ordinary	(762)	(762)
21-Sep-2020	The Vanguard Group, Inc.	BUY	283.25	Ordinary	576	576
22-Sep-2020	The Vanguard Group, Inc.	SELL	286.35	Ordinary	(121)	(121)
22-Sep-2020	The Vanguard Group, Inc.	BUY	282.00	Ordinary	12	12
23-Sep-2020	The Vanguard Group, Inc.	BUY	289.51	Ordinary	308	308
23-Sep-2020	The Vanguard Group, Inc.	SELL	289.51	Ordinary	(256)	(256)
23-Sep-2020	The Vanguard Group, Inc.	BUY	297.21	Ordinary	155	155
23-Sep-2020	The Vanguard Group, Inc.	SELL	289.51	Ordinary	(1,026)	(1,026)
24-Sep-2020	The Vanguard Group, Inc.	SELL	296.48	Ordinary	(9,166)	(9,166)
24-Sep-2020	The Vanguard Group, Inc.	BUY	296.48	Ordinary	516	516
24-Sep-2020	The Vanguard Group, Inc.	SELL	292.31	Ordinary	(1,932)	(1,932)
25-Sep-2020	The Vanguard Group, Inc.	BUY	300.11	Ordinary	384	384
25-Sep-2020	The Vanguard Group, Inc.	BUY	298.14	Ordinary	33	33
28-Sep-2020	The Vanguard Group, Inc.	BUY	295.05	Ordinary	5,186	5,186
28-Sep-2020	The Vanguard Group, Inc.	BUY	295.05	Ordinary	120	120
28-Sep-2020	The Vanguard Group, Inc.	BUY	296.36	Ordinary	753	753
28-Sep-2020	The Vanguard Group, Inc.	SELL	299.25	Ordinary	(2,130)	(2,130)
29-Sep-2020	The Vanguard Group, Inc.	BUY	293.03	Ordinary	753	753
29-Sep-2020	The Vanguard Group, Inc.	SELL	295.54	Ordinary	(2,686)	(2,686)
29-Sep-2020	The Vanguard Group, Inc.	SELL	293.03	Ordinary	(183,675)	(183,675)
29-Sep-2020	The Vanguard Group, Inc.	BUY	293.03	Ordinary	183,675	183,675
29-Sep-2020	The Vanguard Group, Inc.	SELL	297.86	Ordinary	(130)	(130)
29-Sep-2020	The Vanguard Group, Inc.	BUY	297.86	Ordinary	145	145
30-Sep-2020	The Vanguard Group, Inc.	SELL	287.00	Ordinary	(162)	(162)
30-Sep-2020	The Vanguard Group, Inc.	BUY	287.00	Ordinary	180	180
1-Oct-2020	The Vanguard Group, Inc.	BUY	287.78	Ordinary	211	211
1-Oct-2020	The Vanguard Group, Inc.	SELL	289.12	Ordinary	(277)	(277)
2-Oct-2020	The Vanguard Group, Inc.	BUY	286.04	Ordinary	3,024	3,024
2-Oct-2020	The Vanguard Group, Inc.	BUY	288.60	Ordinary	37	37
2-Oct-2020	The Vanguard Group, Inc.	BUY	284.67	Ordinary	139	139
5-Oct-2020	The Vanguard Group, Inc.	BUY	291.12	Ordinary	256	256
5-Oct-2020	The Vanguard Group, Inc.	BUY	289.21	Ordinary	1,722	1,722
6-Oct-2020	The Vanguard Group, Inc.	BUY	285.75	Ordinary	384	384
6-Oct-2020	The Vanguard Group, Inc.	BUY	287.00	Ordinary	166	166
7-Oct-2020	The Vanguard Group, Inc.	BUY	293.91	Ordinary	502	502
7-Oct-2020	The Vanguard Group, Inc.	BUY	291.86	Ordinary	1,237	1,237
8-Oct-2020	The Vanguard Group, Inc.	BUY	294.00	Ordinary	333	333
8-Oct-2020	The Vanguard Group, Inc.	BUY	294.00	Ordinary	38	38
9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	6,552	6,552
9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	2,520	2,520
9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	1,340	1,340

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9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	753	753
9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	3,060	3,060
9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	256	256
9-Oct-2020	The Vanguard Group, Inc.	BUY	294.90	Ordinary	384	384
9-Oct-2020	The Vanguard Group, Inc.	BUY	299.60	Ordinary	766	766
9-Oct-2020	The Vanguard Group, Inc.	BUY	295.32	Ordinary	1,091	1,091
12-Oct-2020	The Vanguard Group, Inc.	BUY	296.67	Ordinary	8,509	8,509
12-Oct-2020	The Vanguard Group, Inc.	BUY	296.67	Ordinary	235	235
13-Oct-2020	The Vanguard Group, Inc.	BUY	298.23	Ordinary	166	166
13-Oct-2020	The Vanguard Group, Inc.	SELL	298.24	Ordinary	(5,395)	(5,395)
14-Oct-2020	The Vanguard Group, Inc.	SELL	302.29	Ordinary	(4,845)	(4,845)
14-Oct-2020	The Vanguard Group, Inc.	SELL	300.23	Ordinary	(180,409)	(180,409)
14-Oct-2020	The Vanguard Group, Inc.	SELL	299.58	Ordinary	(305)	(305)
14-Oct-2020	The Vanguard Group, Inc.	BUY	300.23	Ordinary	180,409	180,409
14-Oct-2020	The Vanguard Group, Inc.	BUY	302.29	Ordinary	225	225
15-Oct-2020	The Vanguard Group, Inc.	BUY	300.99	Ordinary	218	218
16-Oct-2020	The Vanguard Group, Inc.	BUY	300.00	Ordinary	385	385
19-Oct-2020	The Vanguard Group, Inc.	BUY	304.13	Ordinary	332	332
21-Oct-2020	The Vanguard Group, Inc.	SELL	297.12	Ordinary	(3,483)	(3,483)
21-Oct-2020	The Vanguard Group, Inc.	BUY	297.12	Ordinary	13	13
21-Oct-2020	The Vanguard Group, Inc.	BUY	297.12	Ordinary	924	924
22-Oct-2020	The Vanguard Group, Inc.	SELL	293.80	Ordinary	(963)	(963)
22-Oct-2020	The Vanguard Group, Inc.	BUY	293.80	Ordinary	2,022	2,022
22-Oct-2020	The Vanguard Group, Inc.	SELL	293.80	Ordinary	(3,116)	(3,116)
22-Oct-2020	The Vanguard Group, Inc.	BUY	296.34	Ordinary	184	184
23-Oct-2020	The Vanguard Group, Inc.	BUY	294.83	Ordinary	3,115	3,115
23-Oct-2020	The Vanguard Group, Inc.	BUY	294.83	Ordinary	188	188
23-Oct-2020	The Vanguard Group, Inc.	SELL	294.82	Ordinary	(631)	(631)
23-Oct-2020	The Vanguard Group, Inc.	BUY	297.24	Ordinary	38	38
26-Oct-2020	The Vanguard Group, Inc.	BUY	293.43	Ordinary	1,004	1,004
26-Oct-2020	The Vanguard Group, Inc.	BUY	296.32	Ordinary	1,783	1,783
26-Oct-2020	The Vanguard Group, Inc.	BUY	296.00	Ordinary	93	93
27-Oct-2020	The Vanguard Group, Inc.	SELL	290.97	Ordinary	(178,209)	(178,209)
27-Oct-2020	The Vanguard Group, Inc.	BUY	290.97	Ordinary	178,209	178,209
27-Oct-2020	The Vanguard Group, Inc.	BUY	294.00	Ordinary	2,251	2,251
27-Oct-2020	The Vanguard Group, Inc.	BUY	291.97	Ordinary	1,722	1,722
28-Oct-2020	The Vanguard Group, Inc.	SELL	292.20	Ordinary	(131)	(131)
29-Oct-2020	The Vanguard Group, Inc.	BUY	291.50	Ordinary	178	178
30-Oct-2020	The Vanguard Group, Inc.	BUY	288.03	Ordinary	502	502
30-Oct-2020	The Vanguard Group, Inc.	BUY	288.03	Ordinary	128	128
30-Oct-2020	The Vanguard Group, Inc.	BUY	287.56	Ordinary	193	193
30-Oct-2020	The Vanguard Group, Inc.	BUY	294.25	Ordinary	24	24
30-Oct-2020	The Vanguard Group, Inc.	BUY	287.56	Ordinary	1,992	1,992
30-Oct-2020	The Vanguard Group, Inc.	SELL	287.56	Ordinary	(175)	(175)
30-Oct-2020	The Vanguard Group, Inc.	BUY	287.56	Ordinary	551	551
2-Nov-2020	The Vanguard Group, Inc.	BUY	286.48	Ordinary	256	256
2-Nov-2020	The Vanguard Group, Inc.	BUY	286.05	Ordinary	196	196
2-Nov-2020	The Vanguard Group, Inc.	BUY	288.80	Ordinary	83	83
2-Nov-2020	The Vanguard Group, Inc.	BUY	286.05	Ordinary	1,992	1,992
3-Nov-2020	The Vanguard Group, Inc.	SELL	288.39	Ordinary	(1,693)	(1,693)
3-Nov-2020	The Vanguard Group, Inc.	BUY	292.48	Ordinary	768	768
3-Nov-2020	The Vanguard Group, Inc.	BUY	288.39	Ordinary	256	256
4-Nov-2020	The Vanguard Group, Inc.	BUY	292.05	Ordinary	502	502
4-Nov-2020	The Vanguard Group, Inc.	BUY	292.05	Ordinary	256	256
5-Nov-2020	The Vanguard Group, Inc.	BUY	301.62	Ordinary	283	283
5-Nov-2020	The Vanguard Group, Inc.	BUY	301.62	Ordinary	26	26
5-Nov-2020	The Vanguard Group, Inc.	BUY	301.62	Ordinary	6,221	6,221
5-Nov-2020	The Vanguard Group, Inc.	BUY	301.62	Ordinary	370	370
6-Nov-2020	The Vanguard Group, Inc.	BUY	301.80	Ordinary	32	32
6-Nov-2020	The Vanguard Group, Inc.	BUY	301.99	Ordinary	166	166
9-Nov-2020	The Vanguard Group, Inc.	BUY	304.92	Ordinary	199	199
10-Nov-2020	The Vanguard Group, Inc.	BUY	310.00	Ordinary	2,437	2,437
10-Nov-2020	The Vanguard Group, Inc.	BUY	305.73	Ordinary	502	502
10-Nov-2020	The Vanguard Group, Inc.	SELL	310.00	Ordinary	(6,913)	(6,913)
10-Nov-2020	The Vanguard Group, Inc.	SELL	304.60	Ordinary	(1,162)	(1,162)
10-Nov-2020	The Vanguard Group, Inc.	SELL	310.00	Ordinary	(1,808)	(1,808)
11-Nov-2020	The Vanguard Group, Inc.	SELL	309.00	Ordinary	(80)	(80)
11-Nov-2020	The Vanguard Group, Inc.	SELL	306.54	Ordinary	(97)	(97)

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11-Nov-2020	The Vanguard Group, Inc.	BUY	309.00	Ordinary	19	19
12-Nov-2020	The Vanguard Group, Inc.	SELL	308.45	Ordinary	(175,759)	(175,759)
12-Nov-2020	The Vanguard Group, Inc.	BUY	308.45	Ordinary	175,759	175,759
13-Nov-2020	The Vanguard Group, Inc.	BUY	309.46	Ordinary	4,345	4,345
16-Nov-2020	The Vanguard Group, Inc.	BUY	315.12	Ordinary	1,072	1,072
16-Nov-2020	The Vanguard Group, Inc.	BUY	315.12	Ordinary	1,000	1,000
17-Nov-2020	The Vanguard Group, Inc.	BUY	316.63	Ordinary	20	20
17-Nov-2020	The Vanguard Group, Inc.	BUY	311.37	Ordinary	996	996
17-Nov-2020	The Vanguard Group, Inc.	BUY	316.63	Ordinary	6,628	6,628
17-Nov-2020	The Vanguard Group, Inc.	BUY	311.37	Ordinary	348	348
18-Nov-2020	The Vanguard Group, Inc.	BUY	310.19	Ordinary	500	500
18-Nov-2020	The Vanguard Group, Inc.	BUY	312.53	Ordinary	146	146
19-Nov-2020	The Vanguard Group, Inc.	BUY	310.27	Ordinary	169	169
19-Nov-2020	The Vanguard Group, Inc.	BUY	309.01	Ordinary	16	16
19-Nov-2020	The Vanguard Group, Inc.	BUY	309.01	Ordinary	177	177
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	2,543	2,543
20-Nov-2020	The Vanguard Group, Inc.	BUY	314.00	Ordinary	1,599	1,599
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	1,213	1,213
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	22	22
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	149	149
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	41	41
20-Nov-2020	The Vanguard Group, Inc.	BUY	314.00	Ordinary	203	203
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	725	725
20-Nov-2020	The Vanguard Group, Inc.	BUY	313.53	Ordinary	126	126
23-Nov-2020	The Vanguard Group, Inc.	BUY	317.44	Ordinary	8,229	8,229
23-Nov-2020	The Vanguard Group, Inc.	SELL	317.00	Ordinary	(98)	(98)
24-Nov-2020	The Vanguard Group, Inc.	BUY	319.59	Ordinary	250	250
25-Nov-2020	The Vanguard Group, Inc.	BUY	309.96	Ordinary	500	500
25-Nov-2020	The Vanguard Group, Inc.	BUY	315.00	Ordinary	24	24
25-Nov-2020	The Vanguard Group, Inc.	BUY	310.61	Ordinary	166	166
25-Nov-2020	The Vanguard Group, Inc.	BUY	310.62	Ordinary	654	654
26-Nov-2020	The Vanguard Group, Inc.	BUY	307.04	Ordinary	1,724	1,724
27-Nov-2020	The Vanguard Group, Inc.	BUY	303.00	Ordinary	2,433	2,433
27-Nov-2020	The Vanguard Group, Inc.	SELL	303.09	Ordinary	(35,928)	(35,928)
30-Nov-2020	The Vanguard Group, Inc.	BUY	297.38	Ordinary	106	106
30-Nov-2020	The Vanguard Group, Inc.	SELL	300.15	Ordinary	(1,346)	(1,346)
30-Nov-2020	The Vanguard Group, Inc.	SELL	300.15	Ordinary	(1,302)	(1,302)
1-Dec-2020	The Vanguard Group, Inc.	BUY	300.17	Ordinary	502	502
1-Dec-2020	The Vanguard Group, Inc.	BUY	299.75	Ordinary	366	366
1-Dec-2020	The Vanguard Group, Inc.	BUY	301.00	Ordinary	439	439
1-Dec-2020	The Vanguard Group, Inc.	BUY	301.00	Ordinary	18	18
1-Dec-2020	The Vanguard Group, Inc.	BUY	299.75	Ordinary	332	332
1-Dec-2020	The Vanguard Group, Inc.	BUY	299.75	Ordinary	166	166
2-Dec-2020	The Vanguard Group, Inc.	BUY	296.67	Ordinary	753	753
2-Dec-2020	The Vanguard Group, Inc.	SELL	296.67	Ordinary	(165,199)	(165,199)
2-Dec-2020	The Vanguard Group, Inc.	BUY	296.67	Ordinary	165,199	165,199
2-Dec-2020	The Vanguard Group, Inc.	BUY	296.26	Ordinary	177	177
2-Dec-2020	The Vanguard Group, Inc.	BUY	303.67	Ordinary	172	172
2-Dec-2020	The Vanguard Group, Inc.	BUY	296.26	Ordinary	536	536
2-Dec-2020	The Vanguard Group, Inc.	BUY	296.26	Ordinary	3,632	3,632
2-Dec-2020	The Vanguard Group, Inc.	BUY	296.26	Ordinary	314	314
3-Dec-2020	The Vanguard Group, Inc.	BUY	293.61	Ordinary	3,060	3,060
4-Dec-2020	The Vanguard Group, Inc.	BUY	294.92	Ordinary	502	502
4-Dec-2020	The Vanguard Group, Inc.	BUY	295.00	Ordinary	19	19
7-Dec-2020	The Vanguard Group, Inc.	BUY	295.00	Ordinary	862	862
7-Dec-2020	The Vanguard Group, Inc.	BUY	295.00	Ordinary	220	220
8-Dec-2020	The Vanguard Group, Inc.	BUY	298.95	Ordinary	3,888	3,888
8-Dec-2020	The Vanguard Group, Inc.	BUY	298.95	Ordinary	402	402
8-Dec-2020	The Vanguard Group, Inc.	SELL	297.38	Ordinary	(5,298)	(5,298)
8-Dec-2020	The Vanguard Group, Inc.	BUY	297.59	Ordinary	191	191
8-Dec-2020	The Vanguard Group, Inc.	BUY	297.10	Ordinary	252	252
9-Dec-2020	The Vanguard Group, Inc.	BUY	302.20	Ordinary	1,296	1,296
9-Dec-2020	The Vanguard Group, Inc.	BUY	302.20	Ordinary	1,008	1,008
9-Dec-2020	The Vanguard Group, Inc.	SELL	301.93	Ordinary	(3,265)	(3,265)
10-Dec-2020	The Vanguard Group, Inc.	BUY	299.94	Ordinary	536	536
10-Dec-2020	The Vanguard Group, Inc.	SELL	306.27	Ordinary	(180)	(180)
10-Dec-2020	The Vanguard Group, Inc.	BUY	306.27	Ordinary	29	29
11-Dec-2020	The Vanguard Group, Inc.	BUY	292.18	Ordinary	804	804

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11-Dec-2020	The Vanguard Group, Inc.	BUY	292.18	Ordinary	504	504
11-Dec-2020	The Vanguard Group, Inc.	SELL	292.18	Ordinary	(11,502)	(11,502)
11-Dec-2020	The Vanguard Group, Inc.	BUY	295.00	Ordinary	245	245
14-Dec-2020	The Vanguard Group, Inc.	BUY	286.50	Ordinary	308	308
15-Dec-2020	The Vanguard Group, Inc.	BUY	291.17	Ordinary	3,024	3,024
16-Dec-2020	The Vanguard Group, Inc.	BUY	287.18	Ordinary	756	756
16-Dec-2020	The Vanguard Group, Inc.	BUY	287.18	Ordinary	504	504
16-Dec-2020	The Vanguard Group, Inc.	BUY	286.95	Ordinary	862	862
16-Dec-2020	The Vanguard Group, Inc.	SELL	293.80	Ordinary	(1,618)	(1,618)
17-Dec-2020	The Vanguard Group, Inc.	BUY	287.70	Ordinary	504	504
17-Dec-2020	The Vanguard Group, Inc.	BUY	286.95	Ordinary	20	20
17-Dec-2020	The Vanguard Group, Inc.	SELL	286.95	Ordinary	(1,704)	(1,704)
18-Dec-2020	The Vanguard Group, Inc.	BUY	288.59	Ordinary	1,220	1,220
18-Dec-2020	The Vanguard Group, Inc.	BUY	288.59	Ordinary	305	305
18-Dec-2020	The Vanguard Group, Inc.	BUY	288.59	Ordinary	504	504
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(2,782)	(2,782)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(18,822)	(18,822)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(880)	(880)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(1,968)	(1,968)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(34,748)	(34,748)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(4,931)	(4,931)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(812)	(812)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(9)	(9)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(156)	(156)
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(86)	(86)
18-Dec-2020	The Vanguard Group, Inc.	BUY	289.33	Ordinary	1,385	1,385
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(179)	(179)
18-Dec-2020	The Vanguard Group, Inc.	BUY	288.98	Ordinary	857	857
18-Dec-2020	The Vanguard Group, Inc.	SELL	289.31	Ordinary	(184)	(184)
18-Dec-2020	The Vanguard Group, Inc.	BUY	289.33	Ordinary	242	242
18-Dec-2020	The Vanguard Group, Inc.	SELL	288.98	Ordinary	(518)	(518)
21-Dec-2020	The Vanguard Group, Inc.	SELL	286.37	Ordinary	(7,585)	(7,585)
21-Dec-2020	The Vanguard Group, Inc.	BUY	285.44	Ordinary	750	750
21-Dec-2020	The Vanguard Group, Inc.	BUY	289.27	Ordinary	421	421
21-Dec-2020	The Vanguard Group, Inc.	BUY	286.37	Ordinary	857	857
22-Dec-2020	The Vanguard Group, Inc.	BUY	287.53	Ordinary	1,878	1,878
22-Dec-2020	The Vanguard Group, Inc.	BUY	289.81	Ordinary	1,204	1,204
22-Dec-2020	The Vanguard Group, Inc.	BUY	289.81	Ordinary	2,125	2,125
22-Dec-2020	The Vanguard Group, Inc.	BUY	288.67	Ordinary	357	357
23-Dec-2020	The Vanguard Group, Inc.	SELL	290.70	Ordinary	(7,504)	(7,504)
23-Dec-2020	The Vanguard Group, Inc.	BUY	289.52	Ordinary	171	171
23-Dec-2020	The Vanguard Group, Inc.	BUY	289.52	Ordinary	5,057	5,057
24-Dec-2020	The Vanguard Group, Inc.	BUY	288.73	Ordinary	750	750
24-Dec-2020	The Vanguard Group, Inc.	BUY	288.60	Ordinary	8,122	8,122
24-Dec-2020	The Vanguard Group, Inc.	BUY	288.60	Ordinary	37	37
24-Dec-2020	The Vanguard Group, Inc.	BUY	288.54	Ordinary	165	165
24-Dec-2020	The Vanguard Group, Inc.	BUY	288.54	Ordinary	858	858
29-Dec-2020	The Vanguard Group, Inc.	BUY	291.82	Ordinary	1,626	1,626
29-Dec-2020	The Vanguard Group, Inc.	BUY	291.82	Ordinary	1,357	1,357
30-Dec-2020	The Vanguard Group, Inc.	SELL	288.33	Ordinary	(8,079)	(8,079)
30-Dec-2020	The Vanguard Group, Inc.	SELL	287.79	Ordinary	(6,868)	(6,868)
30-Dec-2020	The Vanguard Group, Inc.	BUY	286.76	Ordinary	126	126
30-Dec-2020	The Vanguard Group, Inc.	BUY	287.79	Ordinary	3,273	3,273
30-Dec-2020	The Vanguard Group, Inc.	BUY	287.74	Ordinary	187	187
30-Dec-2020	The Vanguard Group, Inc.	BUY	287.79	Ordinary	330	330
30-Dec-2020	The Vanguard Group, Inc.	SELL	287.79	Ordinary	(5,149)	(5,149)
31-Dec-2020	The Vanguard Group, Inc.	SELL	283.41	Ordinary	(6,402)	(6,402)
31-Dec-2020	The Vanguard Group, Inc.	SELL	283.20	Ordinary	(920)	(920)
31-Dec-2020	The Vanguard Group, Inc.	BUY	283.18	Ordinary	552	552
31-Dec-2020	The Vanguard Group, Inc.	SELL	286.02	Ordinary	(2,931)	(2,931)
31-Dec-2020	The Vanguard Group, Inc.	BUY	283.41	Ordinary	6,402	6,402
4-Jan-2021	The Vanguard Group, Inc.	SELL	282.68	Ordinary	(6,233)	(6,233)
4-Jan-2021	The Vanguard Group, Inc.	BUY	282.68	Ordinary	6,233	6,233
4-Jan-2021	The Vanguard Group, Inc.	BUY	284.71	Ordinary	1,124	1,124
5-Jan-2021	The Vanguard Group, Inc.	BUY	285.41	Ordinary	1,806	1,806
5-Jan-2021	The Vanguard Group, Inc.	BUY	285.41	Ordinary	630	630
5-Jan-2021	The Vanguard Group, Inc.	BUY	285.41	Ordinary	756	756
5-Jan-2021	The Vanguard Group, Inc.	SELL	283.20	Ordinary	(287)	(287)

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5-Jan-2021	The Vanguard Group, Inc.	BUY	285.62	Ordinary	174	174
5-Jan-2021	The Vanguard Group, Inc.	BUY	283.20	Ordinary	549	549
5-Jan-2021	The Vanguard Group, Inc.	BUY	283.20	Ordinary	30	30
5-Jan-2021	The Vanguard Group, Inc.	BUY	283.20	Ordinary	202	202
5-Jan-2021	The Vanguard Group, Inc.	BUY	285.62	Ordinary	860	860
5-Jan-2021	The Vanguard Group, Inc.	BUY	285.62	Ordinary	211	211
5-Jan-2021	The Vanguard Group, Inc.	BUY	285.62	Ordinary	458	458
6-Jan-2021	The Vanguard Group, Inc.	BUY	282.00	Ordinary	1,041	1,041
6-Jan-2021	The Vanguard Group, Inc.	BUY	279.73	Ordinary	1,696	1,696
6-Jan-2021	The Vanguard Group, Inc.	SELL	281.79	Ordinary	(7,991)	(7,991)
6-Jan-2021	The Vanguard Group, Inc.	SELL	281.79	Ordinary	(91)	(91)
6-Jan-2021	The Vanguard Group, Inc.	SELL	278.38	Ordinary	(45)	(45)
6-Jan-2021	The Vanguard Group, Inc.	BUY	278.38	Ordinary	165	165
7-Jan-2021	The Vanguard Group, Inc.	BUY	277.41	Ordinary	7,525	7,525
7-Jan-2021	The Vanguard Group, Inc.	BUY	277.41	Ordinary	504	504
7-Jan-2021	The Vanguard Group, Inc.	BUY	277.41	Ordinary	7,632	7,632
7-Jan-2021	The Vanguard Group, Inc.	SELL	280.64	Ordinary	(6,070)	(6,070)
7-Jan-2021	The Vanguard Group, Inc.	BUY	277.41	Ordinary	252	252
7-Jan-2021	The Vanguard Group, Inc.	BUY	280.71	Ordinary	1,771	1,771
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.74	Ordinary	5,952	5,952
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.74	Ordinary	4,515	4,515
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.74	Ordinary	1,008	1,008
8-Jan-2021	The Vanguard Group, Inc.	SELL	280.74	Ordinary	(1,779)	(1,779)
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.74	Ordinary	1,500	1,500
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.74	Ordinary	1,779	1,779
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.25	Ordinary	161	161
8-Jan-2021	The Vanguard Group, Inc.	BUY	274.80	Ordinary	9	9
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.25	Ordinary	1,815	1,815
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.25	Ordinary	495	495
8-Jan-2021	The Vanguard Group, Inc.	BUY	280.25	Ordinary	1,991	1,991
11-Jan-2021	The Vanguard Group, Inc.	BUY	275.69	Ordinary	500	500
11-Jan-2021	The Vanguard Group, Inc.	BUY	275.95	Ordinary	860	860
12-Jan-2021	The Vanguard Group, Inc.	BUY	275.01	Ordinary	459	459
12-Jan-2021	The Vanguard Group, Inc.	BUY	271.92	Ordinary	1,272	1,272
12-Jan-2021	The Vanguard Group, Inc.	BUY	271.92	Ordinary	3,392	3,392
12-Jan-2021	The Vanguard Group, Inc.	SELL	275.22	Ordinary	(7,284)	(7,284)
12-Jan-2021	The Vanguard Group, Inc.	BUY	275.01	Ordinary	189	189
12-Jan-2021	The Vanguard Group, Inc.	BUY	273.07	Ordinary	165	165
13-Jan-2021	The Vanguard Group, Inc.	BUY	271.70	Ordinary	3,472	3,472
13-Jan-2021	The Vanguard Group, Inc.	BUY	271.70	Ordinary	630	630
13-Jan-2021	The Vanguard Group, Inc.	SELL	271.70	Ordinary	(153,459)	(153,459)
13-Jan-2021	The Vanguard Group, Inc.	BUY	271.70	Ordinary	153,459	153,459
13-Jan-2021	The Vanguard Group, Inc.	BUY	271.70	Ordinary	250	250
13-Jan-2021	The Vanguard Group, Inc.	BUY	271.04	Ordinary	503	503
13-Jan-2021	The Vanguard Group, Inc.	BUY	272.80	Ordinary	1,006	1,006
13-Jan-2021	The Vanguard Group, Inc.	BUY	271.04	Ordinary	165	165
14-Jan-2021	The Vanguard Group, Inc.	BUY	269.62	Ordinary	903	903
14-Jan-2021	The Vanguard Group, Inc.	BUY	269.62	Ordinary	504	504
14-Jan-2021	The Vanguard Group, Inc.	BUY	269.62	Ordinary	1,000	1,000
14-Jan-2021	The Vanguard Group, Inc.	BUY	270.30	Ordinary	1,496	1,496
18-Jan-2021	The Vanguard Group, Inc.	BUY	269.24	Ordinary	31	31
18-Jan-2021	The Vanguard Group, Inc.	BUY	267.50	Ordinary	860	860
18-Jan-2021	The Vanguard Group, Inc.	BUY	269.24	Ordinary	3,048	3,048
19-Jan-2021	The Vanguard Group, Inc.	BUY	271.14	Ordinary	165	165
19-Jan-2021	The Vanguard Group, Inc.	SELL	271.14	Ordinary	(181)	(181)
19-Jan-2021	The Vanguard Group, Inc.	SELL	271.14	Ordinary	(39)	(39)
19-Jan-2021	The Vanguard Group, Inc.	BUY	271.14	Ordinary	10,804	10,804
20-Jan-2021	The Vanguard Group, Inc.	BUY	270.93	Ordinary	116	116
20-Jan-2021	The Vanguard Group, Inc.	BUY	273.09	Ordinary	25	25
20-Jan-2021	The Vanguard Group, Inc.	BUY	270.93	Ordinary	455	455
21-Jan-2021	The Vanguard Group, Inc.	BUY	269.44	Ordinary	1,984	1,984
21-Jan-2021	The Vanguard Group, Inc.	BUY	269.44	Ordinary	3,816	3,816
22-Jan-2021	The Vanguard Group, Inc.	BUY	275.57	Ordinary	252	252
22-Jan-2021	The Vanguard Group, Inc.	SELL	271.71	Ordinary	(69)	(69)
22-Jan-2021	The Vanguard Group, Inc.	BUY	271.71	Ordinary	477	477
22-Jan-2021	The Vanguard Group, Inc.	BUY	275.57	Ordinary	500	500
22-Jan-2021	The Vanguard Group, Inc.	BUY	271.71	Ordinary	168	168
22-Jan-2021	The Vanguard Group, Inc.	BUY	274.60	Ordinary	330	330

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22-Jan-2021	The Vanguard Group, Inc.	BUY	274.60	Ordinary	1,718	1,718
22-Jan-2021	The Vanguard Group, Inc.	BUY	274.60	Ordinary	5,421	5,421
25-Jan-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	4,464	4,464
25-Jan-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	500	500
25-Jan-2021	The Vanguard Group, Inc.	BUY	275.54	Ordinary	166	166
25-Jan-2021	The Vanguard Group, Inc.	BUY	276.00	Ordinary	223	223
27-Jan-2021	The Vanguard Group, Inc.	BUY	272.50	Ordinary	1,913	1,913
27-Jan-2021	The Vanguard Group, Inc.	SELL	271.27	Ordinary	(150,170)	(150,170)
27-Jan-2021	The Vanguard Group, Inc.	BUY	271.27	Ordinary	150,170	150,170
27-Jan-2021	The Vanguard Group, Inc.	BUY	272.50	Ordinary	140	140
27-Jan-2021	The Vanguard Group, Inc.	BUY	272.50	Ordinary	16	16
27-Jan-2021	The Vanguard Group, Inc.	BUY	272.50	Ordinary	2,473	2,473
27-Jan-2021	The Vanguard Group, Inc.	BUY	275.20	Ordinary	530	530
27-Jan-2021	The Vanguard Group, Inc.	BUY	275.20	Ordinary	860	860
27-Jan-2021	The Vanguard Group, Inc.	BUY	275.20	Ordinary	326	326
28-Jan-2021	The Vanguard Group, Inc.	BUY	268.37	Ordinary	2,976	2,976
28-Jan-2021	The Vanguard Group, Inc.	BUY	268.37	Ordinary	252	252
28-Jan-2021	The Vanguard Group, Inc.	SELL	268.00	Ordinary	(154)	(154)
28-Jan-2021	The Vanguard Group, Inc.	BUY	268.37	Ordinary	500	500
28-Jan-2021	The Vanguard Group, Inc.	BUY	268.37	Ordinary	1,500	1,500
28-Jan-2021	The Vanguard Group, Inc.	BUY	266.90	Ordinary	165	165
28-Jan-2021	The Vanguard Group, Inc.	BUY	266.90	Ordinary	5,679	5,679
29-Jan-2021	The Vanguard Group, Inc.	BUY	272.00	Ordinary	1,613	1,613
29-Jan-2021	The Vanguard Group, Inc.	BUY	271.27	Ordinary	2,976	2,976
29-Jan-2021	The Vanguard Group, Inc.	BUY	271.27	Ordinary	1,505	1,505
29-Jan-2021	The Vanguard Group, Inc.	BUY	271.27	Ordinary	1,272	1,272
29-Jan-2021	The Vanguard Group, Inc.	BUY	271.72	Ordinary	227	227
29-Jan-2021	The Vanguard Group, Inc.	BUY	272.00	Ordinary	24	24
29-Jan-2021	The Vanguard Group, Inc.	BUY	271.72	Ordinary	330	330
29-Jan-2021	The Vanguard Group, Inc.	BUY	271.72	Ordinary	908	908
1-Feb-2021	The Vanguard Group, Inc.	BUY	280.96	Ordinary	500	500
1-Feb-2021	The Vanguard Group, Inc.	BUY	280.96	Ordinary	750	750
1-Feb-2021	The Vanguard Group, Inc.	BUY	278.06	Ordinary	239	239
1-Feb-2021	The Vanguard Group, Inc.	SELL	278.06	Ordinary	(1,485)	(1,485)
1-Feb-2021	The Vanguard Group, Inc.	BUY	278.06	Ordinary	282	282
2-Feb-2021	The Vanguard Group, Inc.	BUY	274.33	Ordinary	171	171
2-Feb-2021	The Vanguard Group, Inc.	BUY	277.00	Ordinary	23	23
3-Feb-2021	The Vanguard Group, Inc.	BUY	274.78	Ordinary	1,669	1,669
3-Feb-2021	The Vanguard Group, Inc.	BUY	274.78	Ordinary	2,075	2,075
3-Feb-2021	The Vanguard Group, Inc.	SELL	280.42	Ordinary	(170,074)	(170,074)
3-Feb-2021	The Vanguard Group, Inc.	BUY	280.42	Ordinary	378	378
3-Feb-2021	The Vanguard Group, Inc.	SELL	274.78	Ordinary	(190)	(190)
3-Feb-2021	The Vanguard Group, Inc.	BUY	280.42	Ordinary	170,074	170,074
3-Feb-2021	The Vanguard Group, Inc.	BUY	280.26	Ordinary	146	146
3-Feb-2021	The Vanguard Group, Inc.	BUY	274.78	Ordinary	13	13
4-Feb-2021	The Vanguard Group, Inc.	BUY	278.49	Ordinary	2,976	2,976
4-Feb-2021	The Vanguard Group, Inc.	BUY	278.49	Ordinary	250	250
4-Feb-2021	The Vanguard Group, Inc.	SELL	279.71	Ordinary	(202)	(202)
4-Feb-2021	The Vanguard Group, Inc.	BUY	275.36	Ordinary	474	474
5-Feb-2021	The Vanguard Group, Inc.	BUY	275.02	Ordinary	870	870
5-Feb-2021	The Vanguard Group, Inc.	BUY	276.39	Ordinary	630	630
5-Feb-2021	The Vanguard Group, Inc.	BUY	276.39	Ordinary	378	378
5-Feb-2021	The Vanguard Group, Inc.	SELL	275.02	Ordinary	(974)	(974)
5-Feb-2021	The Vanguard Group, Inc.	BUY	276.33	Ordinary	165	165
8-Feb-2021	The Vanguard Group, Inc.	BUY	277.14	Ordinary	2,820	2,820
8-Feb-2021	The Vanguard Group, Inc.	BUY	277.14	Ordinary	54	54
8-Feb-2021	The Vanguard Group, Inc.	BUY	277.09	Ordinary	1,824	1,824
9-Feb-2021	The Vanguard Group, Inc.	BUY	273.57	Ordinary	156	156
10-Feb-2021	The Vanguard Group, Inc.	BUY	275.13	Ordinary	1,488	1,488
10-Feb-2021	The Vanguard Group, Inc.	BUY	275.13	Ordinary	602	602
10-Feb-2021	The Vanguard Group, Inc.	BUY	275.13	Ordinary	1,696	1,696
10-Feb-2021	The Vanguard Group, Inc.	BUY	275.13	Ordinary	5,936	5,936
10-Feb-2021	The Vanguard Group, Inc.	BUY	275.13	Ordinary	252	252
10-Feb-2021	The Vanguard Group, Inc.	BUY	274.04	Ordinary	407	407
10-Feb-2021	The Vanguard Group, Inc.	BUY	276.10	Ordinary	330	330
10-Feb-2021	The Vanguard Group, Inc.	BUY	276.10	Ordinary	870	870
10-Feb-2021	The Vanguard Group, Inc.	BUY	276.10	Ordinary	188	188
11-Feb-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	3,968	3,968

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11-Feb-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	2,408	2,408
11-Feb-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	1,696	1,696
11-Feb-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	504	504
11-Feb-2021	The Vanguard Group, Inc.	BUY	276.74	Ordinary	1,250	1,250
11-Feb-2021	The Vanguard Group, Inc.	BUY	276.70	Ordinary	165	165
11-Feb-2021	The Vanguard Group, Inc.	BUY	276.70	Ordinary	6,457	6,457
12-Feb-2021	The Vanguard Group, Inc.	BUY	278.25	Ordinary	4,464	4,464
12-Feb-2021	The Vanguard Group, Inc.	BUY	278.25	Ordinary	1,505	1,505
12-Feb-2021	The Vanguard Group, Inc.	BUY	278.25	Ordinary	1,272	1,272
12-Feb-2021	The Vanguard Group, Inc.	BUY	278.25	Ordinary	378	378
12-Feb-2021	The Vanguard Group, Inc.	BUY	277.00	Ordinary	49	49
12-Feb-2021	The Vanguard Group, Inc.	BUY	276.76	Ordinary	165	165
15-Feb-2021	The Vanguard Group, Inc.	BUY	276.76	Ordinary	820	820
16-Feb-2021	The Vanguard Group, Inc.	BUY	285.84	Ordinary	438	438
16-Feb-2021	The Vanguard Group, Inc.	SELL	285.84	Ordinary	(64)	(64)
16-Feb-2021	The Vanguard Group, Inc.	BUY	285.84	Ordinary	812	812
16-Feb-2021	The Vanguard Group, Inc.	BUY	285.84	Ordinary	155	155
17-Feb-2021	The Vanguard Group, Inc.	BUY	279.84	Ordinary	799	799
17-Feb-2021	The Vanguard Group, Inc.	BUY	279.84	Ordinary	1,264	1,264
17-Feb-2021	The Vanguard Group, Inc.	BUY	280.87	Ordinary	500	500
17-Feb-2021	The Vanguard Group, Inc.	SELL	281.17	Ordinary	(86)	(86)
17-Feb-2021	The Vanguard Group, Inc.	BUY	279.84	Ordinary	2,958	2,958
18-Feb-2021	The Vanguard Group, Inc.	BUY	295.22	Ordinary	5,275	5,275
18-Feb-2021	The Vanguard Group, Inc.	BUY	287.54	Ordinary	1,000	1,000
18-Feb-2021	The Vanguard Group, Inc.	BUY	289.00	Ordinary	165	165
18-Feb-2021	The Vanguard Group, Inc.	BUY	289.00	Ordinary	2,016	2,016
19-Feb-2021	The Vanguard Group, Inc.	SELL	283.22	Ordinary	(4,673)	(4,673)
19-Feb-2021	The Vanguard Group, Inc.	BUY	274.33	Ordinary	1,505	1,505
19-Feb-2021	The Vanguard Group, Inc.	SELL	283.22	Ordinary	(187)	(187)
19-Feb-2021	The Vanguard Group, Inc.	BUY	274.43	Ordinary	330	330
22-Feb-2021	The Vanguard Group, Inc.	SELL	268.42	Ordinary	(10,006)	(10,006)
22-Feb-2021	The Vanguard Group, Inc.	BUY	267.79	Ordinary	380	380
22-Feb-2021	The Vanguard Group, Inc.	SELL	267.79	Ordinary	(1,724)	(1,724)
23-Feb-2021	The Vanguard Group, Inc.	SELL	267.96	Ordinary	(2,311)	(2,311)
24-Feb-2021	The Vanguard Group, Inc.	SELL	269.20	Ordinary	(161,674)	(161,674)
24-Feb-2021	The Vanguard Group, Inc.	BUY	269.20	Ordinary	252	252
24-Feb-2021	The Vanguard Group, Inc.	BUY	269.20	Ordinary	161,674	161,674
24-Feb-2021	The Vanguard Group, Inc.	BUY	267.96	Ordinary	165	165
24-Feb-2021	The Vanguard Group, Inc.	BUY	267.96	Ordinary	304	304
25-Feb-2021	The Vanguard Group, Inc.	BUY	270.25	Ordinary	162	162
25-Feb-2021	The Vanguard Group, Inc.	BUY	270.25	Ordinary	192	192
25-Feb-2021	The Vanguard Group, Inc.	BUY	270.25	Ordinary	7	7
25-Feb-2021	The Vanguard Group, Inc.	BUY	270.25	Ordinary	165	165
26-Feb-2021	The Vanguard Group, Inc.	BUY	262.59	Ordinary	26	26
26-Feb-2021	The Vanguard Group, Inc.	BUY	262.59	Ordinary	165	165
26-Feb-2021	The Vanguard Group, Inc.	SELL	262.59	Ordinary	(10,622)	(10,622)
26-Feb-2021	The Vanguard Group, Inc.	BUY	262.59	Ordinary	540	540
1-Mar-2021	The Vanguard Group, Inc.	BUY	272.01	Ordinary	1,536	1,536
1-Mar-2021	The Vanguard Group, Inc.	BUY	272.01	Ordinary	252	252
1-Mar-2021	The Vanguard Group, Inc.	BUY	272.01	Ordinary	750	750
1-Mar-2021	The Vanguard Group, Inc.	BUY	270.28	Ordinary	215	215
1-Mar-2021	The Vanguard Group, Inc.	BUY	270.28	Ordinary	825	825
2-Mar-2021	The Vanguard Group, Inc.	BUY	269.18	Ordinary	378	378
2-Mar-2021	The Vanguard Group, Inc.	BUY	269.18	Ordinary	500	500
2-Mar-2021	The Vanguard Group, Inc.	BUY	273.66	Ordinary	4,942	4,942
2-Mar-2021	The Vanguard Group, Inc.	BUY	273.66	Ordinary	206	206
2-Mar-2021	The Vanguard Group, Inc.	BUY	269.74	Ordinary	165	165
2-Mar-2021	The Vanguard Group, Inc.	BUY	269.74	Ordinary	137	137
3-Mar-2021	The Vanguard Group, Inc.	SELL	265.79	Ordinary	(142,902)	(142,902)
3-Mar-2021	The Vanguard Group, Inc.	SELL	268.00	Ordinary	(154)	(154)
3-Mar-2021	The Vanguard Group, Inc.	BUY	265.79	Ordinary	142,902	142,902
3-Mar-2021	The Vanguard Group, Inc.	BUY	265.79	Ordinary	750	750
3-Mar-2021	The Vanguard Group, Inc.	BUY	267.00	Ordinary	365	365
3-Mar-2021	The Vanguard Group, Inc.	BUY	268.03	Ordinary	320	320
3-Mar-2021	The Vanguard Group, Inc.	BUY	268.03	Ordinary	360	360
3-Mar-2021	The Vanguard Group, Inc.	BUY	267.00	Ordinary	732	732
3-Mar-2021	The Vanguard Group, Inc.	BUY	267.00	Ordinary	1,673	1,673
4-Mar-2021	The Vanguard Group, Inc.	BUY	253.72	Ordinary	2,021	2,021

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-Mar-2021	The Vanguard Group, Inc.	BUY	255.83	Ordinary	160	160
4-Mar-2021	The Vanguard Group, Inc.	BUY	253.72	Ordinary	2,176	2,176
5-Mar-2021	The Vanguard Group, Inc.	BUY	253.47	Ordinary	1,798	1,798
5-Mar-2021	The Vanguard Group, Inc.	BUY	252.45	Ordinary	378	378
5-Mar-2021	The Vanguard Group, Inc.	BUY	253.47	Ordinary	404	404
5-Mar-2021	The Vanguard Group, Inc.	BUY	248.58	Ordinary	165	165
8-Mar-2021	The Vanguard Group, Inc.	SELL	246.00	Ordinary	(20,732)	(20,732)
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.73	Ordinary	1,204	1,204
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.73	Ordinary	774	774
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.73	Ordinary	4,240	4,240
9-Mar-2021	The Vanguard Group, Inc.	SELL	244.83	Ordinary	(8,992)	(8,992)
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.73	Ordinary	252	252
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.73	Ordinary	1,000	1,000
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.16	Ordinary	299	299
9-Mar-2021	The Vanguard Group, Inc.	BUY	250.16	Ordinary	9	9
9-Mar-2021	The Vanguard Group, Inc.	BUY	245.00	Ordinary	1,975	1,975
10-Mar-2021	The Vanguard Group, Inc.	BUY	253.23	Ordinary	645	645
10-Mar-2021	The Vanguard Group, Inc.	BUY	255.01	Ordinary	25,430	25,430
10-Mar-2021	The Vanguard Group, Inc.	BUY	255.35	Ordinary	1,905	1,905
10-Mar-2021	The Vanguard Group, Inc.	BUY	252.21	Ordinary	495	495
11-Mar-2021	The Vanguard Group, Inc.	BUY	254.80	Ordinary	2,107	2,107
11-Mar-2021	The Vanguard Group, Inc.	BUY	254.80	Ordinary	1,677	1,677
11-Mar-2021	The Vanguard Group, Inc.	BUY	253.90	Ordinary	159	159
12-Mar-2021	The Vanguard Group, Inc.	BUY	253.70	Ordinary	500	500
12-Mar-2021	The Vanguard Group, Inc.	BUY	253.26	Ordinary	4,636	4,636
15-Mar-2021	The Vanguard Group, Inc.	BUY	257.06	Ordinary	252	252
15-Mar-2021	The Vanguard Group, Inc.	BUY	255.85	Ordinary	292	292
16-Mar-2021	The Vanguard Group, Inc.	BUY	258.94	Ordinary	4,102	4,102
16-Mar-2021	The Vanguard Group, Inc.	BUY	261.81	Ordinary	165	165
17-Mar-2021	The Vanguard Group, Inc.	BUY	260.69	Ordinary	903	903
17-Mar-2021	The Vanguard Group, Inc.	BUY	260.69	Ordinary	250	250
17-Mar-2021	The Vanguard Group, Inc.	BUY	260.69	Ordinary	12,750	12,750
17-Mar-2021	The Vanguard Group, Inc.	SELL	261.00	Ordinary	(42)	(42)
17-Mar-2021	The Vanguard Group, Inc.	SELL	261.00	Ordinary	(865)	(865)
17-Mar-2021	The Vanguard Group, Inc.	SELL	261.00	Ordinary	(5,043)	(5,043)
18-Mar-2021	The Vanguard Group, Inc.	BUY	256.09	Ordinary	308	308
18-Mar-2021	The Vanguard Group, Inc.	SELL	256.09	Ordinary	(457)	(457)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(12,895)	(12,895)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(4,482)	(4,482)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(1,331)	(1,331)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(3,471)	(3,471)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(16,344)	(16,344)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(15,501)	(15,501)
19-Mar-2021	The Vanguard Group, Inc.	BUY	253.97	Ordinary	107,957	107,957
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(184)	(184)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(271)	(271)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(4)	(4)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(275)	(275)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(11)	(11)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(1,529)	(1,529)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(276)	(276)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(137)	(137)
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(1,064)	(1,064)
19-Mar-2021	The Vanguard Group, Inc.	SELL	255.00	Ordinary	(2,027)	(2,027)
19-Mar-2021	The Vanguard Group, Inc.	BUY	253.95	Ordinary	1,129	1,129
19-Mar-2021	The Vanguard Group, Inc.	SELL	253.95	Ordinary	(160)	(160)
22-Mar-2021	The Vanguard Group, Inc.	BUY	260.91	Ordinary	602	602
22-Mar-2021	The Vanguard Group, Inc.	BUY	260.91	Ordinary	504	504
22-Mar-2021	The Vanguard Group, Inc.	BUY	260.91	Ordinary	1,170	1,170
22-Mar-2021	The Vanguard Group, Inc.	BUY	260.16	Ordinary	321	321
22-Mar-2021	The Vanguard Group, Inc.	BUY	260.16	Ordinary	168	168
23-Mar-2021	The Vanguard Group, Inc.	BUY	260.94	Ordinary	472	472
23-Mar-2021	The Vanguard Group, Inc.	BUY	261.00	Ordinary	233	233
24-Mar-2021	The Vanguard Group, Inc.	BUY	266.02	Ordinary	174	174
25-Mar-2021	The Vanguard Group, Inc.	BUY	265.52	Ordinary	4,734	4,734
25-Mar-2021	The Vanguard Group, Inc.	BUY	269.83	Ordinary	621	621
26-Mar-2021	The Vanguard Group, Inc.	SELL	268.70	Ordinary	(3,530)	(3,530)
26-Mar-2021	The Vanguard Group, Inc.	BUY	268.70	Ordinary	3,530	3,530

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26-Mar-2021	The Vanguard Group, Inc.	BUY	267.46	Ordinary	231	231
26-Mar-2021	The Vanguard Group, Inc.	BUY	270.27	Ordinary	65	65
26-Mar-2021	The Vanguard Group, Inc.	BUY	267.46	Ordinary	169	169
29-Mar-2021	The Vanguard Group, Inc.	BUY	266.73	Ordinary	1,120	1,120
29-Mar-2021	The Vanguard Group, Inc.	BUY	265.40	Ordinary	4,694	4,694
29-Mar-2021	The Vanguard Group, Inc.	BUY	266.73	Ordinary	1,167	1,167
29-Mar-2021	The Vanguard Group, Inc.	BUY	267.66	Ordinary	29	29
29-Mar-2021	The Vanguard Group, Inc.	BUY	265.40	Ordinary	824	824
29-Mar-2021	The Vanguard Group, Inc.	BUY	265.40	Ordinary	24	24
30-Mar-2021	The Vanguard Group, Inc.	BUY	267.19	Ordinary	2,422	2,422
30-Mar-2021	The Vanguard Group, Inc.	BUY	267.19	Ordinary	5,066	5,066
30-Mar-2021	The Vanguard Group, Inc.	BUY	264.19	Ordinary	1,167	1,167
30-Mar-2021	The Vanguard Group, Inc.	BUY	262.66	Ordinary	703	703
30-Mar-2021	The Vanguard Group, Inc.	BUY	262.66	Ordinary	338	338
30-Mar-2021	The Vanguard Group, Inc.	BUY	262.66	Ordinary	25	25
31-Mar-2021	The Vanguard Group, Inc.	BUY	264.42	Ordinary	5,664	5,664
31-Mar-2021	The Vanguard Group, Inc.	BUY	266.08	Ordinary	4,960	4,960
31-Mar-2021	The Vanguard Group, Inc.	BUY	266.08	Ordinary	378	378
31-Mar-2021	The Vanguard Group, Inc.	BUY	264.65	Ordinary	218	218
31-Mar-2021	The Vanguard Group, Inc.	SELL	264.65	Ordinary	(14,149)	(14,149)
1-Apr-2021	The Vanguard Group, Inc.	BUY	265.78	Ordinary	11,954	11,954
1-Apr-2021	The Vanguard Group, Inc.	BUY	265.78	Ordinary	5,036	5,036
1-Apr-2021	The Vanguard Group, Inc.	BUY	263.36	Ordinary	778	778
1-Apr-2021	The Vanguard Group, Inc.	SELL	267.00	Ordinary	(244)	(244)
1-Apr-2021	The Vanguard Group, Inc.	BUY	265.78	Ordinary	35	35
1-Apr-2021	The Vanguard Group, Inc.	SELL	267.00	Ordinary	(195)	(195)
5-Apr-2021	The Vanguard Group, Inc.	BUY	266.60	Ordinary	1,167	1,167
6-Apr-2021	The Vanguard Group, Inc.	BUY	263.25	Ordinary	3,020	3,020
6-Apr-2021	The Vanguard Group, Inc.	BUY	263.98	Ordinary	3,472	3,472
6-Apr-2021	The Vanguard Group, Inc.	BUY	263.98	Ordinary	3,010	3,010
6-Apr-2021	The Vanguard Group, Inc.	BUY	263.25	Ordinary	1,447	1,447
6-Apr-2021	The Vanguard Group, Inc.	BUY	263.60	Ordinary	415	415
7-Apr-2021	The Vanguard Group, Inc.	BUY	264.67	Ordinary	252	252
7-Apr-2021	The Vanguard Group, Inc.	BUY	264.67	Ordinary	252	252
7-Apr-2021	The Vanguard Group, Inc.	BUY	264.23	Ordinary	5,408	5,408
7-Apr-2021	The Vanguard Group, Inc.	BUY	264.23	Ordinary	47	47
7-Apr-2021	The Vanguard Group, Inc.	BUY	262.99	Ordinary	169	169
7-Apr-2021	The Vanguard Group, Inc.	BUY	262.99	Ordinary	159	159
7-Apr-2021	The Vanguard Group, Inc.	BUY	262.98	Ordinary	14	14
8-Apr-2021	The Vanguard Group, Inc.	BUY	264.78	Ordinary	2,080	2,080
8-Apr-2021	The Vanguard Group, Inc.	BUY	265.37	Ordinary	378	378
8-Apr-2021	The Vanguard Group, Inc.	BUY	264.78	Ordinary	3,206	3,206
8-Apr-2021	The Vanguard Group, Inc.	BUY	265.94	Ordinary	170	170
8-Apr-2021	The Vanguard Group, Inc.	BUY	264.78	Ordinary	408	408
8-Apr-2021	The Vanguard Group, Inc.	BUY	265.94	Ordinary	17	17
9-Apr-2021	The Vanguard Group, Inc.	BUY	264.27	Ordinary	3,976	3,976
9-Apr-2021	The Vanguard Group, Inc.	BUY	264.27	Ordinary	1,176	1,176
9-Apr-2021	The Vanguard Group, Inc.	BUY	263.40	Ordinary	5,915	5,915
9-Apr-2021	The Vanguard Group, Inc.	BUY	263.84	Ordinary	48	48
9-Apr-2021	The Vanguard Group, Inc.	BUY	263.40	Ordinary	1,739	1,739
9-Apr-2021	The Vanguard Group, Inc.	BUY	263.40	Ordinary	2,553	2,553
9-Apr-2021	The Vanguard Group, Inc.	BUY	263.40	Ordinary	176	176
9-Apr-2021	The Vanguard Group, Inc.	BUY	263.40	Ordinary	21	21
12-Apr-2021	The Vanguard Group, Inc.	SELL	265.50	Ordinary	(19)	(19)
12-Apr-2021	The Vanguard Group, Inc.	BUY	265.50	Ordinary	608	608
13-Apr-2021	The Vanguard Group, Inc.	BUY	265.93	Ordinary	1,596	1,596
13-Apr-2021	The Vanguard Group, Inc.	BUY	265.00	Ordinary	2,982	2,982
13-Apr-2021	The Vanguard Group, Inc.	BUY	265.00	Ordinary	504	504
13-Apr-2021	The Vanguard Group, Inc.	BUY	264.66	Ordinary	325	325
13-Apr-2021	The Vanguard Group, Inc.	SELL	264.66	Ordinary	(59)	(59)
13-Apr-2021	The Vanguard Group, Inc.	BUY	264.66	Ordinary	169	169
13-Apr-2021	The Vanguard Group, Inc.	BUY	264.66	Ordinary	1,875	1,875
13-Apr-2021	The Vanguard Group, Inc.	BUY	264.66	Ordinary	359	359
14-Apr-2021	The Vanguard Group, Inc.	BUY	265.95	Ordinary	2,107	2,107
14-Apr-2021	The Vanguard Group, Inc.	BUY	265.95	Ordinary	2,988	2,988
14-Apr-2021	The Vanguard Group, Inc.	SELL	267.80	Ordinary	(79)	(79)
14-Apr-2021	The Vanguard Group, Inc.	BUY	266.63	Ordinary	431	431
15-Apr-2021	The Vanguard Group, Inc.	BUY	269.26	Ordinary	276	276

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15-Apr-2021	The Vanguard Group, Inc.	BUY	269.26	Ordinary	1,696	1,696
15-Apr-2021	The Vanguard Group, Inc.	BUY	266.57	Ordinary	3,326	3,326
15-Apr-2021	The Vanguard Group, Inc.	SELL	269.26	Ordinary	(2,529)	(2,529)
15-Apr-2021	The Vanguard Group, Inc.	BUY	269.26	Ordinary	2,529	2,529
15-Apr-2021	The Vanguard Group, Inc.	BUY	266.57	Ordinary	42	42
15-Apr-2021	The Vanguard Group, Inc.	BUY	266.57	Ordinary	893	893
15-Apr-2021	The Vanguard Group, Inc.	BUY	266.57	Ordinary	732	732
15-Apr-2021	The Vanguard Group, Inc.	BUY	268.29	Ordinary	31	31
16-Apr-2021	The Vanguard Group, Inc.	BUY	269.00	Ordinary	1,907	1,907
16-Apr-2021	The Vanguard Group, Inc.	BUY	269.00	Ordinary	21,255	21,255
16-Apr-2021	The Vanguard Group, Inc.	BUY	269.00	Ordinary	453	453
16-Apr-2021	The Vanguard Group, Inc.	BUY	270.70	Ordinary	1,167	1,167
16-Apr-2021	The Vanguard Group, Inc.	BUY	269.00	Ordinary	508	508
16-Apr-2021	The Vanguard Group, Inc.	BUY	269.07	Ordinary	257	257
16-Apr-2021	The Vanguard Group, Inc.	BUY	269.00	Ordinary	13,861	13,861
19-Apr-2021	The Vanguard Group, Inc.	BUY	267.76	Ordinary	1,104	1,104
19-Apr-2021	The Vanguard Group, Inc.	BUY	269.35	Ordinary	2,615	2,615
19-Apr-2021	The Vanguard Group, Inc.	BUY	267.76	Ordinary	4,980	4,980
19-Apr-2021	The Vanguard Group, Inc.	BUY	269.35	Ordinary	4,119	4,119
19-Apr-2021	The Vanguard Group, Inc.	BUY	267.76	Ordinary	252	252
19-Apr-2021	The Vanguard Group, Inc.	BUY	269.35	Ordinary	88	88
19-Apr-2021	The Vanguard Group, Inc.	BUY	267.76	Ordinary	1,167	1,167
19-Apr-2021	The Vanguard Group, Inc.	BUY	268.30	Ordinary	492	492
19-Apr-2021	The Vanguard Group, Inc.	SELL	268.30	Ordinary	(324)	(324)
19-Apr-2021	The Vanguard Group, Inc.	BUY	268.30	Ordinary	169	169
19-Apr-2021	The Vanguard Group, Inc.	BUY	269.35	Ordinary	99	99
19-Apr-2021	The Vanguard Group, Inc.	BUY	269.35	Ordinary	2,686	2,686
19-Apr-2021	The Vanguard Group, Inc.	BUY	268.30	Ordinary	21	21
21-Apr-2021	The Vanguard Group, Inc.	BUY	267.95	Ordinary	423	423
21-Apr-2021	The Vanguard Group, Inc.	SELL	263.36	Ordinary	(64)	(64)
21-Apr-2021	The Vanguard Group, Inc.	BUY	264.88	Ordinary	10,822	10,822
21-Apr-2021	The Vanguard Group, Inc.	BUY	264.88	Ordinary	31	31
21-Apr-2021	The Vanguard Group, Inc.	BUY	267.95	Ordinary	160	160
21-Apr-2021	The Vanguard Group, Inc.	BUY	267.95	Ordinary	4,514	4,514
21-Apr-2021	The Vanguard Group, Inc.	BUY	267.95	Ordinary	809	809
22-Apr-2021	The Vanguard Group, Inc.	BUY	272.25	Ordinary	552	552
22-Apr-2021	The Vanguard Group, Inc.	BUY	272.25	Ordinary	252	252
22-Apr-2021	The Vanguard Group, Inc.	BUY	272.25	Ordinary	1,167	1,167
22-Apr-2021	The Vanguard Group, Inc.	BUY	272.80	Ordinary	42	42
22-Apr-2021	The Vanguard Group, Inc.	BUY	268.02	Ordinary	3,112	3,112
23-Apr-2021	The Vanguard Group, Inc.	BUY	273.33	Ordinary	6,505	6,505
23-Apr-2021	The Vanguard Group, Inc.	BUY	273.33	Ordinary	331	331
23-Apr-2021	The Vanguard Group, Inc.	BUY	273.33	Ordinary	2,590	2,590
26-Apr-2021	The Vanguard Group, Inc.	BUY	271.28	Ordinary	1,696	1,696
26-Apr-2021	The Vanguard Group, Inc.	SELL	275.00	Ordinary	(1,057)	(1,057)
26-Apr-2021	The Vanguard Group, Inc.	BUY	275.00	Ordinary	6,384	6,384
26-Apr-2021	The Vanguard Group, Inc.	BUY	271.75	Ordinary	19	19
27-Apr-2021	The Vanguard Group, Inc.	BUY	271.11	Ordinary	1,914	1,914
27-Apr-2021	The Vanguard Group, Inc.	BUY	268.36	Ordinary	1,176	1,176
27-Apr-2021	The Vanguard Group, Inc.	BUY	271.11	Ordinary	2,553	2,553
27-Apr-2021	The Vanguard Group, Inc.	SELL	268.37	Ordinary	(583)	(583)
27-Apr-2021	The Vanguard Group, Inc.	BUY	271.11	Ordinary	52	52
28-Apr-2021	The Vanguard Group, Inc.	BUY	269.89	Ordinary	1,204	1,204
28-Apr-2021	The Vanguard Group, Inc.	BUY	266.49	Ordinary	2,374	2,374
28-Apr-2021	The Vanguard Group, Inc.	BUY	269.89	Ordinary	980	980
28-Apr-2021	The Vanguard Group, Inc.	BUY	269.89	Ordinary	1,167	1,167
28-Apr-2021	The Vanguard Group, Inc.	BUY	271.01	Ordinary	357	357
28-Apr-2021	The Vanguard Group, Inc.	SELL	271.01	Ordinary	(94)	(94)
29-Apr-2021	The Vanguard Group, Inc.	BUY	273.31	Ordinary	1,470	1,470
29-Apr-2021	The Vanguard Group, Inc.	SELL	271.33	Ordinary	(148)	(148)
29-Apr-2021	The Vanguard Group, Inc.	SELL	271.33	Ordinary	(431)	(431)
29-Apr-2021	The Vanguard Group, Inc.	BUY	273.49	Ordinary	554	554
30-Apr-2021	The Vanguard Group, Inc.	BUY	272.14	Ordinary	1,173	1,173
30-Apr-2021	The Vanguard Group, Inc.	BUY	271.15	Ordinary	985	985
30-Apr-2021	The Vanguard Group, Inc.	BUY	272.14	Ordinary	27	27
30-Apr-2021	The Vanguard Group, Inc.	BUY	271.15	Ordinary	255	255
30-Apr-2021	The Vanguard Group, Inc.	BUY	271.15	Ordinary	879	879
3-May-2021	The Vanguard Group, Inc.	BUY	270.95	Ordinary	1,035	1,035

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
3-May-2021	The Vanguard Group, Inc.	BUY	270.95	Ordinary	20	20
4-May-2021	The Vanguard Group, Inc.	BUY	270.06	Ordinary	1,651	1,651
4-May-2021	The Vanguard Group, Inc.	BUY	271.01	Ordinary	1,176	1,176
4-May-2021	The Vanguard Group, Inc.	BUY	271.01	Ordinary	1,666	1,666
4-May-2021	The Vanguard Group, Inc.	BUY	270.06	Ordinary	3,375	3,375
5-May-2021	The Vanguard Group, Inc.	BUY	275.22	Ordinary	2,002	2,002
5-May-2021	The Vanguard Group, Inc.	BUY	275.22	Ordinary	8,142	8,142
5-May-2021	The Vanguard Group, Inc.	BUY	275.22	Ordinary	669	669
6-May-2021	The Vanguard Group, Inc.	BUY	279.46	Ordinary	6,298	6,298
6-May-2021	The Vanguard Group, Inc.	BUY	277.68	Ordinary	378	378
6-May-2021	The Vanguard Group, Inc.	BUY	277.68	Ordinary	252	252
6-May-2021	The Vanguard Group, Inc.	SELL	280.00	Ordinary	(34)	(34)
6-May-2021	The Vanguard Group, Inc.	BUY	279.46	Ordinary	4,000	4,000
6-May-2021	The Vanguard Group, Inc.	BUY	277.68	Ordinary	1,167	1,167
6-May-2021	The Vanguard Group, Inc.	BUY	276.89	Ordinary	328	328
6-May-2021	The Vanguard Group, Inc.	BUY	279.46	Ordinary	727	727
6-May-2021	The Vanguard Group, Inc.	BUY	276.89	Ordinary	338	338
6-May-2021	The Vanguard Group, Inc.	BUY	276.89	Ordinary	159	159
7-May-2021	The Vanguard Group, Inc.	BUY	274.37	Ordinary	903	903
7-May-2021	The Vanguard Group, Inc.	BUY	274.37	Ordinary	3,913	3,913
7-May-2021	The Vanguard Group, Inc.	BUY	274.61	Ordinary	3,285	3,285
7-May-2021	The Vanguard Group, Inc.	BUY	274.37	Ordinary	1,696	1,696
7-May-2021	The Vanguard Group, Inc.	BUY	274.37	Ordinary	3,430	3,430
7-May-2021	The Vanguard Group, Inc.	BUY	274.37	Ordinary	252	252
7-May-2021	The Vanguard Group, Inc.	BUY	274.37	Ordinary	1,167	1,167
7-May-2021	The Vanguard Group, Inc.	SELL	274.51	Ordinary	(750)	(750)
7-May-2021	The Vanguard Group, Inc.	BUY	274.51	Ordinary	29	29
10-May-2021	The Vanguard Group, Inc.	BUY	273.49	Ordinary	3,500	3,500
10-May-2021	The Vanguard Group, Inc.	BUY	275.36	Ordinary	201	201
10-May-2021	The Vanguard Group, Inc.	BUY	275.36	Ordinary	15	15
11-May-2021	The Vanguard Group, Inc.	BUY	272.93	Ordinary	4,773	4,773
11-May-2021	The Vanguard Group, Inc.	BUY	272.93	Ordinary	2,558	2,558
12-May-2021	The Vanguard Group, Inc.	BUY	273.55	Ordinary	552	552
12-May-2021	The Vanguard Group, Inc.	BUY	274.25	Ordinary	295	295
12-May-2021	The Vanguard Group, Inc.	BUY	275.90	Ordinary	76	76
13-May-2021	The Vanguard Group, Inc.	SELL	279.15	Ordinary	(4,664)	(4,664)
13-May-2021	The Vanguard Group, Inc.	BUY	277.51	Ordinary	198	198
14-May-2021	The Vanguard Group, Inc.	BUY	278.56	Ordinary	1,008	1,008
14-May-2021	The Vanguard Group, Inc.	BUY	277.68	Ordinary	202	202
14-May-2021	The Vanguard Group, Inc.	BUY	275.32	Ordinary	33	33
14-May-2021	The Vanguard Group, Inc.	BUY	277.68	Ordinary	2,338	2,338
14-May-2021	The Vanguard Group, Inc.	BUY	277.68	Ordinary	6,858	6,858
17-May-2021	The Vanguard Group, Inc.	BUY	276.56	Ordinary	1,204	1,204
17-May-2021	The Vanguard Group, Inc.	BUY	280.00	Ordinary	3,046	3,046
17-May-2021	The Vanguard Group, Inc.	BUY	276.57	Ordinary	104	104
17-May-2021	The Vanguard Group, Inc.	BUY	276.57	Ordinary	160	160
17-May-2021	The Vanguard Group, Inc.	SELL	280.00	Ordinary	(3,805)	(3,805)
17-May-2021	The Vanguard Group, Inc.	BUY	276.57	Ordinary	45	45
18-May-2021	The Vanguard Group, Inc.	BUY	275.45	Ordinary	903	903
18-May-2021	The Vanguard Group, Inc.	BUY	275.45	Ordinary	414	414
18-May-2021	The Vanguard Group, Inc.	BUY	275.45	Ordinary	252	252
18-May-2021	The Vanguard Group, Inc.	BUY	278.87	Ordinary	4,314	4,314
18-May-2021	The Vanguard Group, Inc.	BUY	279.00	Ordinary	169	169
18-May-2021	The Vanguard Group, Inc.	BUY	277.21	Ordinary	167	167
18-May-2021	The Vanguard Group, Inc.	BUY	277.21	Ordinary	3,624	3,624
18-May-2021	The Vanguard Group, Inc.	BUY	277.21	Ordinary	403	403
18-May-2021	The Vanguard Group, Inc.	BUY	277.21	Ordinary	7	7
19-May-2021	The Vanguard Group, Inc.	BUY	275.47	Ordinary	8,000	8,000
19-May-2021	The Vanguard Group, Inc.	BUY	275.47	Ordinary	3,000	3,000
19-May-2021	The Vanguard Group, Inc.	BUY	274.45	Ordinary	249	249
20-May-2021	The Vanguard Group, Inc.	BUY	279.45	Ordinary	1,372	1,372
20-May-2021	The Vanguard Group, Inc.	BUY	274.90	Ordinary	1,384	1,384
20-May-2021	The Vanguard Group, Inc.	BUY	278.17	Ordinary	466	466
21-May-2021	The Vanguard Group, Inc.	BUY	284.30	Ordinary	210	210
24-May-2021	The Vanguard Group, Inc.	BUY	290.54	Ordinary	1,932	1,932
24-May-2021	The Vanguard Group, Inc.	SELL	284.15	Ordinary	(70)	(70)
24-May-2021	The Vanguard Group, Inc.	BUY	289.27	Ordinary	158	158
24-May-2021	The Vanguard Group, Inc.	BUY	289.27	Ordinary	403	403

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
25-May-2021	The Vanguard Group, Inc.	BUY	292.72	Ordinary	1,567	1,567
25-May-2021	The Vanguard Group, Inc.	BUY	292.72	Ordinary	3,745	3,745
26-May-2021	The Vanguard Group, Inc.	BUY	291.61	Ordinary	571	571
26-May-2021	The Vanguard Group, Inc.	BUY	289.43	Ordinary	1,204	1,204
26-May-2021	The Vanguard Group, Inc.	SELL	291.16	Ordinary	(7,682)	(7,682)
26-May-2021	The Vanguard Group, Inc.	BUY	291.61	Ordinary	40	40
27-May-2021	The Vanguard Group, Inc.	BUY	288.61	Ordinary	402	402
27-May-2021	The Vanguard Group, Inc.	BUY	290.39	Ordinary	1,950	1,950
27-May-2021	The Vanguard Group, Inc.	SELL	288.77	Ordinary	(5,481)	(5,481)
27-May-2021	The Vanguard Group, Inc.	BUY	288.61	Ordinary	559	559
28-May-2021	The Vanguard Group, Inc.	BUY	289.72	Ordinary	1,170	1,170
1-Jun-2021	The Vanguard Group, Inc.	BUY	287.63	Ordinary	252	252
1-Jun-2021	The Vanguard Group, Inc.	BUY	287.63	Ordinary	1,170	1,170
1-Jun-2021	The Vanguard Group, Inc.	BUY	287.99	Ordinary	856	856
2-Jun-2021	The Vanguard Group, Inc.	BUY	286.96	Ordinary	490	490
2-Jun-2021	The Vanguard Group, Inc.	BUY	288.31	Ordinary	2,378	2,378
2-Jun-2021	The Vanguard Group, Inc.	SELL	286.77	Ordinary	(1,670)	(1,670)
2-Jun-2021	The Vanguard Group, Inc.	BUY	286.96	Ordinary	238	238
2-Jun-2021	The Vanguard Group, Inc.	BUY	288.31	Ordinary	2,909	2,909
2-Jun-2021	The Vanguard Group, Inc.	BUY	286.96	Ordinary	8,734	8,734
2-Jun-2021	The Vanguard Group, Inc.	BUY	288.31	Ordinary	301	301
2-Jun-2021	The Vanguard Group, Inc.	BUY	288.31	Ordinary	178	178
3-Jun-2021	The Vanguard Group, Inc.	BUY	288.18	Ordinary	3,500	3,500
3-Jun-2021	The Vanguard Group, Inc.	BUY	288.18	Ordinary	252	252
3-Jun-2021	The Vanguard Group, Inc.	BUY	287.01	Ordinary	181	181
3-Jun-2021	The Vanguard Group, Inc.	BUY	288.71	Ordinary	43	43
4-Jun-2021	The Vanguard Group, Inc.	BUY	291.11	Ordinary	780	780
8-Jun-2021	The Vanguard Group, Inc.	BUY	295.19	Ordinary	157	157
8-Jun-2021	The Vanguard Group, Inc.	BUY	295.19	Ordinary	415	415
8-Jun-2021	The Vanguard Group, Inc.	BUY	294.90	Ordinary	273	273
9-Jun-2021	The Vanguard Group, Inc.	BUY	294.11	Ordinary	22	22
10-Jun-2021	The Vanguard Group, Inc.	SELL	296.62	Ordinary	(1,571)	(1,571)
10-Jun-2021	The Vanguard Group, Inc.	BUY	295.21	Ordinary	402	402
11-Jun-2021	The Vanguard Group, Inc.	BUY	296.51	Ordinary	299	299
15-Jun-2021	The Vanguard Group, Inc.	BUY	302.37	Ordinary	504	504
15-Jun-2021	The Vanguard Group, Inc.	BUY	301.72	Ordinary	268	268
15-Jun-2021	The Vanguard Group, Inc.	BUY	299.10	Ordinary	76	76
16-Jun-2021	The Vanguard Group, Inc.	BUY	304.28	Ordinary	2,000	2,000
17-Jun-2021	The Vanguard Group, Inc.	BUY	304.66	Ordinary	274	274
17-Jun-2021	The Vanguard Group, Inc.	BUY	304.66	Ordinary	5,000	5,000
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(3,429)	(3,429)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(915)	(915)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(5,273)	(5,273)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(4,439)	(4,439)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(36,591)	(36,591)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(7,735)	(7,735)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(1,749)	(1,749)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(149)	(149)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(19)	(19)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(1,299)	(1,299)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(104)	(104)
18-Jun-2021	The Vanguard Group, Inc.	BUY	305.52	Ordinary	264	264
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(216)	(216)
18-Jun-2021	The Vanguard Group, Inc.	BUY	305.52	Ordinary	26	26
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(126)	(126)
18-Jun-2021	The Vanguard Group, Inc.	SELL	305.78	Ordinary	(209)	(209)
21-Jun-2021	The Vanguard Group, Inc.	BUY	304.93	Ordinary	317	317
22-Jun-2021	The Vanguard Group, Inc.	BUY	300.19	Ordinary	402	402
22-Jun-2021	The Vanguard Group, Inc.	BUY	300.19	Ordinary	1,072	1,072
22-Jun-2021	The Vanguard Group, Inc.	BUY	300.19	Ordinary	2,976	2,976
22-Jun-2021	The Vanguard Group, Inc.	BUY	300.52	Ordinary	496	496
23-Jun-2021	The Vanguard Group, Inc.	BUY	293.40	Ordinary	402	402
23-Jun-2021	The Vanguard Group, Inc.	BUY	293.40	Ordinary	252	252
23-Jun-2021	The Vanguard Group, Inc.	BUY	294.25	Ordinary	373	373
23-Jun-2021	The Vanguard Group, Inc.	BUY	299.99	Ordinary	495	495
24-Jun-2021	The Vanguard Group, Inc.	BUY	288.01	Ordinary	3,968	3,968
24-Jun-2021	The Vanguard Group, Inc.	BUY	286.61	Ordinary	197	197
25-Jun-2021	The Vanguard Group, Inc.	BUY	286.32	Ordinary	2,096	2,096

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25-Jun-2021	The Vanguard Group, Inc.	BUY	285.13	Ordinary	36	36
28-Jun-2021	The Vanguard Group, Inc.	BUY	285.40	Ordinary	2,838	2,838
29-Jun-2021	The Vanguard Group, Inc.	BUY	289.65	Ordinary	1,819	1,819
29-Jun-2021	The Vanguard Group, Inc.	BUY	289.65	Ordinary	7,031	7,031
29-Jun-2021	The Vanguard Group, Inc.	BUY	291.38	Ordinary	378	378
29-Jun-2021	The Vanguard Group, Inc.	BUY	289.87	Ordinary	163	163
29-Jun-2021	The Vanguard Group, Inc.	BUY	289.65	Ordinary	284	284
29-Jun-2021	The Vanguard Group, Inc.	SELL	290.66	Ordinary	(347)	(347)
30-Jun-2021	The Vanguard Group, Inc.	BUY	285.18	Ordinary	2,480	2,480
30-Jun-2021	The Vanguard Group, Inc.	BUY	285.18	Ordinary	1,235	1,235
30-Jun-2021	The Vanguard Group, Inc.	BUY	291.61	Ordinary	3,170	3,170
1-Jul-2021	The Vanguard Group, Inc.	BUY	284.61	Ordinary	4,464	4,464
1-Jul-2021	The Vanguard Group, Inc.	BUY	285.27	Ordinary	2,939	2,939
1-Jul-2021	The Vanguard Group, Inc.	BUY	284.61	Ordinary	252	252
1-Jul-2021	The Vanguard Group, Inc.	BUY	285.27	Ordinary	5,793	5,793
1-Jul-2021	The Vanguard Group, Inc.	BUY	285.27	Ordinary	237	237
1-Jul-2021	The Vanguard Group, Inc.	BUY	285.27	Ordinary	347	347
1-Jul-2021	The Vanguard Group, Inc.	SELL	284.78	Ordinary	(404)	(404)
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.58	Ordinary	950	950
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.58	Ordinary	375	375
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.00	Ordinary	3,441	3,441
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.58	Ordinary	1,164	1,164
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.19	Ordinary	326	326
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.19	Ordinary	502	502
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.19	Ordinary	6,401	6,401
2-Jul-2021	The Vanguard Group, Inc.	BUY	284.19	Ordinary	551	551
5-Jul-2021	The Vanguard Group, Inc.	BUY	282.00	Ordinary	854	854
5-Jul-2021	The Vanguard Group, Inc.	SELL	285.00	Ordinary	(1,860)	(1,860)
5-Jul-2021	The Vanguard Group, Inc.	BUY	282.00	Ordinary	13,068	13,068
6-Jul-2021	The Vanguard Group, Inc.	BUY	277.86	Ordinary	2,976	2,976
6-Jul-2021	The Vanguard Group, Inc.	BUY	277.24	Ordinary	950	950
6-Jul-2021	The Vanguard Group, Inc.	SELL	277.99	Ordinary	(26,912)	(26,912)
6-Jul-2021	The Vanguard Group, Inc.	BUY	277.24	Ordinary	43	43
7-Jul-2021	The Vanguard Group, Inc.	BUY	281.22	Ordinary	1,701	1,701
7-Jul-2021	The Vanguard Group, Inc.	BUY	281.22	Ordinary	12,215	12,215
7-Jul-2021	The Vanguard Group, Inc.	BUY	281.22	Ordinary	4,540	4,540
7-Jul-2021	The Vanguard Group, Inc.	BUY	281.16	Ordinary	120	120
7-Jul-2021	The Vanguard Group, Inc.	BUY	281.16	Ordinary	328	328
8-Jul-2021	The Vanguard Group, Inc.	BUY	279.67	Ordinary	112	112
8-Jul-2021	The Vanguard Group, Inc.	BUY	279.14	Ordinary	134	134
8-Jul-2021	The Vanguard Group, Inc.	BUY	278.44	Ordinary	950	950
8-Jul-2021	The Vanguard Group, Inc.	BUY	279.67	Ordinary	9,799	9,799
8-Jul-2021	The Vanguard Group, Inc.	BUY	279.67	Ordinary	4,533	4,533
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.60	Ordinary	475	475
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.27	Ordinary	2,700	2,700
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.27	Ordinary	5,985	5,985
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.27	Ordinary	3,960	3,960
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.27	Ordinary	2,375	2,375
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.27	Ordinary	3,325	3,325
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.27	Ordinary	1,520	1,520
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.60	Ordinary	11,285	11,285
9-Jul-2021	The Vanguard Group, Inc.	BUY	275.47	Ordinary	3,793	3,793
9-Jul-2021	The Vanguard Group, Inc.	BUY	277.60	Ordinary	4,553	4,553
12-Jul-2021	The Vanguard Group, Inc.	BUY	279.06	Ordinary	240	240
12-Jul-2021	The Vanguard Group, Inc.	BUY	279.67	Ordinary	931	931
12-Jul-2021	The Vanguard Group, Inc.	BUY	278.16	Ordinary	10,462	10,462
13-Jul-2021	The Vanguard Group, Inc.	BUY	279.52	Ordinary	15	15
13-Jul-2021	The Vanguard Group, Inc.	BUY	279.59	Ordinary	3,390	3,390
13-Jul-2021	The Vanguard Group, Inc.	BUY	280.12	Ordinary	6,435	6,435
13-Jul-2021	The Vanguard Group, Inc.	BUY	279.59	Ordinary	4,119	4,119
14-Jul-2021	The Vanguard Group, Inc.	BUY	279.00	Ordinary	113	113
14-Jul-2021	The Vanguard Group, Inc.	BUY	279.82	Ordinary	326	326
14-Jul-2021	The Vanguard Group, Inc.	BUY	279.82	Ordinary	163	163
14-Jul-2021	The Vanguard Group, Inc.	BUY	279.49	Ordinary	22,640	22,640
14-Jul-2021	The Vanguard Group, Inc.	BUY	279.82	Ordinary	9,126	9,126
14-Jul-2021	The Vanguard Group, Inc.	BUY	279.00	Ordinary	1,124	1,124
14-Jul-2021	The Vanguard Group, Inc.	SELL	279.49	Ordinary	(22,640)	(22,640)
15-Jul-2021	The Vanguard Group, Inc.	BUY	275.15	Ordinary	1,028	1,028

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15-Jul-2021	The Vanguard Group, Inc.	BUY	275.15	Ordinary	5,741	5,741
15-Jul-2021	The Vanguard Group, Inc.	BUY	275.15	Ordinary	80	80
15-Jul-2021	The Vanguard Group, Inc.	SELL	275.15	Ordinary	(2,199)	(2,199)
15-Jul-2021	The Vanguard Group, Inc.	BUY	277.46	Ordinary	2,240	2,240
15-Jul-2021	The Vanguard Group, Inc.	BUY	277.46	Ordinary	3,047	3,047
15-Jul-2021	The Vanguard Group, Inc.	BUY	275.82	Ordinary	250	250
15-Jul-2021	The Vanguard Group, Inc.	BUY	275.82	Ordinary	375	375
16-Jul-2021	The Vanguard Group, Inc.	BUY	276.62	Ordinary	4,127	4,127
16-Jul-2021	The Vanguard Group, Inc.	BUY	276.62	Ordinary	3,653	3,653
16-Jul-2021	The Vanguard Group, Inc.	BUY	276.62	Ordinary	2,586	2,586
19-Jul-2021	The Vanguard Group, Inc.	BUY	282.74	Ordinary	183	183
19-Jul-2021	The Vanguard Group, Inc.	BUY	282.74	Ordinary	160	160
19-Jul-2021	The Vanguard Group, Inc.	BUY	278.81	Ordinary	3,396	3,396
19-Jul-2021	The Vanguard Group, Inc.	BUY	280.94	Ordinary	1,552	1,552
20-Jul-2021	The Vanguard Group, Inc.	BUY	286.48	Ordinary	160	160
21-Jul-2021	The Vanguard Group, Inc.	BUY	290.13	Ordinary	161	161
21-Jul-2021	The Vanguard Group, Inc.	BUY	290.13	Ordinary	262	262
21-Jul-2021	The Vanguard Group, Inc.	BUY	291.89	Ordinary	1,200	1,200
21-Jul-2021	The Vanguard Group, Inc.	BUY	291.89	Ordinary	5,940	5,940
21-Jul-2021	The Vanguard Group, Inc.	BUY	291.89	Ordinary	1,425	1,425
21-Jul-2021	The Vanguard Group, Inc.	BUY	290.91	Ordinary	6,943	6,943
21-Jul-2021	The Vanguard Group, Inc.	BUY	290.13	Ordinary	1,488	1,488
22-Jul-2021	The Vanguard Group, Inc.	BUY	289.24	Ordinary	821	821
22-Jul-2021	The Vanguard Group, Inc.	SELL	289.24	Ordinary	(1,944)	(1,944)
22-Jul-2021	The Vanguard Group, Inc.	BUY	288.60	Ordinary	762	762
22-Jul-2021	The Vanguard Group, Inc.	BUY	288.60	Ordinary	372	372
22-Jul-2021	The Vanguard Group, Inc.	SELL	288.60	Ordinary	(2,125)	(2,125)
23-Jul-2021	The Vanguard Group, Inc.	BUY	293.48	Ordinary	513	513
23-Jul-2021	The Vanguard Group, Inc.	BUY	288.88	Ordinary	2,596	2,596
26-Jul-2021	The Vanguard Group, Inc.	BUY	292.71	Ordinary	310	310
26-Jul-2021	The Vanguard Group, Inc.	BUY	293.15	Ordinary	8,415	8,415
26-Jul-2021	The Vanguard Group, Inc.	BUY	293.15	Ordinary	248	248
26-Jul-2021	The Vanguard Group, Inc.	BUY	294.73	Ordinary	6,743	6,743
26-Jul-2021	The Vanguard Group, Inc.	BUY	293.15	Ordinary	1,170	1,170
27-Jul-2021	The Vanguard Group, Inc.	BUY	291.94	Ordinary	70	70
27-Jul-2021	The Vanguard Group, Inc.	BUY	291.94	Ordinary	398	398
27-Jul-2021	The Vanguard Group, Inc.	BUY	292.10	Ordinary	626	626
27-Jul-2021	The Vanguard Group, Inc.	BUY	292.08	Ordinary	512	512
27-Jul-2021	The Vanguard Group, Inc.	BUY	291.94	Ordinary	4,866	4,866
27-Jul-2021	The Vanguard Group, Inc.	BUY	292.08	Ordinary	11,173	11,173
27-Jul-2021	The Vanguard Group, Inc.	SELL	292.08	Ordinary	(11,173)	(11,173)
28-Jul-2021	The Vanguard Group, Inc.	BUY	289.53	Ordinary	2,565	2,565
28-Jul-2021	The Vanguard Group, Inc.	BUY	289.88	Ordinary	3,406	3,406
28-Jul-2021	The Vanguard Group, Inc.	BUY	289.88	Ordinary	950	950
28-Jul-2021	The Vanguard Group, Inc.	BUY	289.88	Ordinary	950	950
29-Jul-2021	The Vanguard Group, Inc.	SELL	291.02	Ordinary	(1,794)	(1,794)
29-Jul-2021	The Vanguard Group, Inc.	BUY	291.33	Ordinary	3,400	3,400
29-Jul-2021	The Vanguard Group, Inc.	BUY	291.24	Ordinary	10,883	10,883
29-Jul-2021	The Vanguard Group, Inc.	BUY	291.24	Ordinary	4,916	4,916
29-Jul-2021	The Vanguard Group, Inc.	SELL	292.80	Ordinary	(164)	(164)
30-Jul-2021	The Vanguard Group, Inc.	BUY	288.91	Ordinary	855	855
30-Jul-2021	The Vanguard Group, Inc.	BUY	288.91	Ordinary	4,169	4,169
30-Jul-2021	The Vanguard Group, Inc.	BUY	288.91	Ordinary	46	46
30-Jul-2021	The Vanguard Group, Inc.	BUY	290.10	Ordinary	1,425	1,425
30-Jul-2021	The Vanguard Group, Inc.	BUY	290.10	Ordinary	372	372
30-Jul-2021	The Vanguard Group, Inc.	BUY	288.91	Ordinary	4,555	4,555
2-Aug-2021	The Vanguard Group, Inc.	BUY	294.35	Ordinary	217	217
2-Aug-2021	The Vanguard Group, Inc.	BUY	293.34	Ordinary	2,125	2,125
2-Aug-2021	The Vanguard Group, Inc.	BUY	294.35	Ordinary	4,039	4,039
3-Aug-2021	The Vanguard Group, Inc.	BUY	294.31	Ordinary	165	165
3-Aug-2021	The Vanguard Group, Inc.	BUY	294.31	Ordinary	3,934	3,934
3-Aug-2021	The Vanguard Group, Inc.	BUY	292.43	Ordinary	2,805	2,805
3-Aug-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	248	248
3-Aug-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	7,020	7,020
4-Aug-2021	The Vanguard Group, Inc.	BUY	292.28	Ordinary	157	157
4-Aug-2021	The Vanguard Group, Inc.	SELL	292.28	Ordinary	(43)	(43)
4-Aug-2021	The Vanguard Group, Inc.	BUY	294.30	Ordinary	2,473	2,473
5-Aug-2021	The Vanguard Group, Inc.	BUY	292.00	Ordinary	63	63

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
5-Aug-2021	The Vanguard Group, Inc.	BUY	293.79	Ordinary	736	736
5-Aug-2021	The Vanguard Group, Inc.	SELL	293.79	Ordinary	(942)	(942)
5-Aug-2021	The Vanguard Group, Inc.	BUY	292.00	Ordinary	4,136	4,136
6-Aug-2021	The Vanguard Group, Inc.	SELL	297.93	Ordinary	(1,710)	(1,710)
9-Aug-2021	The Vanguard Group, Inc.	BUY	296.87	Ordinary	1,155	1,155
9-Aug-2021	The Vanguard Group, Inc.	BUY	298.00	Ordinary	1,823	1,823
10-Aug-2021	The Vanguard Group, Inc.	BUY	295.52	Ordinary	868	868
10-Aug-2021	The Vanguard Group, Inc.	BUY	295.13	Ordinary	4,127	4,127
11-Aug-2021	The Vanguard Group, Inc.	BUY	293.25	Ordinary	370	370
11-Aug-2021	The Vanguard Group, Inc.	BUY	293.25	Ordinary	660	660
11-Aug-2021	The Vanguard Group, Inc.	BUY	293.10	Ordinary	900	900
11-Aug-2021	The Vanguard Group, Inc.	BUY	293.25	Ordinary	1,619	1,619
11-Aug-2021	The Vanguard Group, Inc.	BUY	293.25	Ordinary	2,621	2,621
11-Aug-2021	The Vanguard Group, Inc.	BUY	293.10	Ordinary	248	248
12-Aug-2021	The Vanguard Group, Inc.	BUY	290.64	Ordinary	206	206
13-Aug-2021	The Vanguard Group, Inc.	BUY	292.95	Ordinary	91	91
13-Aug-2021	The Vanguard Group, Inc.	BUY	297.36	Ordinary	1,520	1,520
13-Aug-2021	The Vanguard Group, Inc.	BUY	297.36	Ordinary	2,375	2,375
13-Aug-2021	The Vanguard Group, Inc.	BUY	297.36	Ordinary	1,710	1,710
13-Aug-2021	The Vanguard Group, Inc.	BUY	297.36	Ordinary	1,140	1,140
13-Aug-2021	The Vanguard Group, Inc.	BUY	297.36	Ordinary	1,560	1,560
16-Aug-2021	The Vanguard Group, Inc.	BUY	298.20	Ordinary	1,984	1,984
16-Aug-2021	The Vanguard Group, Inc.	BUY	298.20	Ordinary	4,960	4,960
16-Aug-2021	The Vanguard Group, Inc.	BUY	298.20	Ordinary	1,950	1,950
16-Aug-2021	The Vanguard Group, Inc.	BUY	298.20	Ordinary	780	780
17-Aug-2021	The Vanguard Group, Inc.	BUY	298.16	Ordinary	97	97
17-Aug-2021	The Vanguard Group, Inc.	BUY	297.94	Ordinary	4,010	4,010
17-Aug-2021	The Vanguard Group, Inc.	BUY	298.16	Ordinary	2,024	2,024
18-Aug-2021	The Vanguard Group, Inc.	BUY	293.56	Ordinary	2,551	2,551
18-Aug-2021	The Vanguard Group, Inc.	BUY	291.85	Ordinary	3,135	3,135
18-Aug-2021	The Vanguard Group, Inc.	BUY	291.85	Ordinary	496	496
18-Aug-2021	The Vanguard Group, Inc.	BUY	293.60	Ordinary	3,637	3,637
19-Aug-2021	The Vanguard Group, Inc.	BUY	302.83	Ordinary	330	330
19-Aug-2021	The Vanguard Group, Inc.	BUY	302.83	Ordinary	604	604
19-Aug-2021	The Vanguard Group, Inc.	BUY	304.09	Ordinary	4,250	4,250
19-Aug-2021	The Vanguard Group, Inc.	BUY	293.00	Ordinary	2,281	2,281
19-Aug-2021	The Vanguard Group, Inc.	BUY	304.09	Ordinary	372	372
20-Aug-2021	The Vanguard Group, Inc.	BUY	306.10	Ordinary	328	328
20-Aug-2021	The Vanguard Group, Inc.	BUY	306.10	Ordinary	239	239
20-Aug-2021	The Vanguard Group, Inc.	BUY	307.24	Ordinary	2,480	2,480
20-Aug-2021	The Vanguard Group, Inc.	BUY	304.00	Ordinary	5,097	5,097
20-Aug-2021	The Vanguard Group, Inc.	BUY	306.10	Ordinary	4,625	4,625
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	900	900
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	1,984	1,984
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	2,976	2,976
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	1,700	1,700
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	2,550	2,550
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	1,425	1,425
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	1,425	1,425
23-Aug-2021	The Vanguard Group, Inc.	BUY	307.52	Ordinary	8,224	8,224
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	248	248
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.65	Ordinary	5,406	5,406
23-Aug-2021	The Vanguard Group, Inc.	BUY	306.72	Ordinary	780	780
24-Aug-2021	The Vanguard Group, Inc.	BUY	306.84	Ordinary	728	728
24-Aug-2021	The Vanguard Group, Inc.	BUY	308.55	Ordinary	513	513
24-Aug-2021	The Vanguard Group, Inc.	BUY	306.84	Ordinary	9,339	9,339
25-Aug-2021	The Vanguard Group, Inc.	BUY	310.80	Ordinary	99	99
25-Aug-2021	The Vanguard Group, Inc.	BUY	311.89	Ordinary	1,140	1,140
25-Aug-2021	The Vanguard Group, Inc.	BUY	310.80	Ordinary	7,547	7,547
25-Aug-2021	The Vanguard Group, Inc.	BUY	310.80	Ordinary	1,795	1,795
25-Aug-2021	The Vanguard Group, Inc.	SELL	310.86	Ordinary	(111)	(111)
26-Aug-2021	The Vanguard Group, Inc.	BUY	307.88	Ordinary	7,637	7,637
26-Aug-2021	The Vanguard Group, Inc.	BUY	307.88	Ordinary	3,226	3,226
26-Aug-2021	The Vanguard Group, Inc.	BUY	307.88	Ordinary	2,694	2,694
27-Aug-2021	The Vanguard Group, Inc.	BUY	311.06	Ordinary	183	183
27-Aug-2021	The Vanguard Group, Inc.	BUY	311.23	Ordinary	900	900
27-Aug-2021	The Vanguard Group, Inc.	BUY	311.23	Ordinary	1,500	1,500
27-Aug-2021	The Vanguard Group, Inc.	BUY	311.23	Ordinary	1,984	1,984

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
27-Aug-2021	The Vanguard Group, Inc.	BUY	310.89	Ordinary	6,775	6,775
27-Aug-2021	The Vanguard Group, Inc.	BUY	311.23	Ordinary	1,425	1,425
27-Aug-2021	The Vanguard Group, Inc.	BUY	310.89	Ordinary	3,857	3,857
30-Aug-2021	The Vanguard Group, Inc.	BUY	309.96	Ordinary	8,569	8,569
30-Aug-2021	The Vanguard Group, Inc.	BUY	309.96	Ordinary	3,818	3,818
31-Aug-2021	The Vanguard Group, Inc.	BUY	311.94	Ordinary	1,233	1,233
31-Aug-2021	The Vanguard Group, Inc.	SELL	312.24	Ordinary	(10,235)	(10,235)
31-Aug-2021	The Vanguard Group, Inc.	SELL	312.24	Ordinary	(78)	(78)
1-Sep-2021	The Vanguard Group, Inc.	BUY	309.08	Ordinary	4,566	4,566
1-Sep-2021	The Vanguard Group, Inc.	BUY	308.52	Ordinary	9,327	9,327
1-Sep-2021	The Vanguard Group, Inc.	BUY	308.52	Ordinary	4,518	4,518
2-Sep-2021	The Vanguard Group, Inc.	BUY	303.44	Ordinary	325	325
2-Sep-2021	The Vanguard Group, Inc.	BUY	303.44	Ordinary	2,214	2,214
2-Sep-2021	The Vanguard Group, Inc.	BUY	305.69	Ordinary	3,533	3,533
2-Sep-2021	The Vanguard Group, Inc.	BUY	303.84	Ordinary	780	780
3-Sep-2021	The Vanguard Group, Inc.	BUY	303.87	Ordinary	185	185
3-Sep-2021	The Vanguard Group, Inc.	BUY	303.87	Ordinary	255	255
3-Sep-2021	The Vanguard Group, Inc.	BUY	304.19	Ordinary	1,047	1,047
3-Sep-2021	The Vanguard Group, Inc.	BUY	302.79	Ordinary	540	540
3-Sep-2021	The Vanguard Group, Inc.	BUY	302.79	Ordinary	248	248
7-Sep-2021	The Vanguard Group, Inc.	BUY	310.25	Ordinary	4,202	4,202
7-Sep-2021	The Vanguard Group, Inc.	BUY	306.71	Ordinary	2,593	2,593
8-Sep-2021	The Vanguard Group, Inc.	BUY	311.00	Ordinary	4,358	4,358
9-Sep-2021	The Vanguard Group, Inc.	BUY	310.76	Ordinary	89	89
10-Sep-2021	The Vanguard Group, Inc.	BUY	302.60	Ordinary	4,000	4,000
13-Sep-2021	The Vanguard Group, Inc.	SELL	302.69	Ordinary	(2,583)	(2,583)
13-Sep-2021	The Vanguard Group, Inc.	BUY	302.06	Ordinary	780	780
14-Sep-2021	The Vanguard Group, Inc.	BUY	300.68	Ordinary	62	62
15-Sep-2021	The Vanguard Group, Inc.	BUY	304.88	Ordinary	729	729
15-Sep-2021	The Vanguard Group, Inc.	BUY	305.86	Ordinary	372	372
15-Sep-2021	The Vanguard Group, Inc.	BUY	305.86	Ordinary	496	496
16-Sep-2021	The Vanguard Group, Inc.	SELL	306.62	Ordinary	(3,289)	(3,289)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(9)	(9)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(1,616)	(1,616)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.36	Ordinary	(3,898)	(3,898)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(167)	(167)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(245)	(245)
17-Sep-2021	The Vanguard Group, Inc.	BUY	307.80	Ordinary	372	372
17-Sep-2021	The Vanguard Group, Inc.	BUY	309.36	Ordinary	70,035	70,035
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(7,655)	(7,655)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(15,918)	(15,918)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(3,356)	(3,356)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(35,373)	(35,373)
17-Sep-2021	The Vanguard Group, Inc.	SELL	309.35	Ordinary	(11,959)	(11,959)
21-Sep-2021	The Vanguard Group, Inc.	BUY	310.38	Ordinary	314	314
23-Sep-2021	The Vanguard Group, Inc.	BUY	312.99	Ordinary	249	249
23-Sep-2021	The Vanguard Group, Inc.	BUY	312.99	Ordinary	157	157
23-Sep-2021	The Vanguard Group, Inc.	BUY	312.99	Ordinary	2,970	2,970
23-Sep-2021	The Vanguard Group, Inc.	BUY	312.99	Ordinary	3,696	3,696
24-Sep-2021	The Vanguard Group, Inc.	SELL	311.98	Ordinary	(70)	(70)
24-Sep-2021	The Vanguard Group, Inc.	BUY	311.98	Ordinary	107	107
24-Sep-2021	The Vanguard Group, Inc.	BUY	312.01	Ordinary	332	332
24-Sep-2021	The Vanguard Group, Inc.	BUY	312.01	Ordinary	8,460	8,460
24-Sep-2021	The Vanguard Group, Inc.	BUY	312.22	Ordinary	500	500
24-Sep-2021	The Vanguard Group, Inc.	BUY	312.01	Ordinary	8,645	8,645
27-Sep-2021	The Vanguard Group, Inc.	BUY	304.77	Ordinary	375	375
27-Sep-2021	The Vanguard Group, Inc.	BUY	304.77	Ordinary	1,386	1,386
28-Sep-2021	The Vanguard Group, Inc.	SELL	294.47	Ordinary	(62)	(62)
28-Sep-2021	The Vanguard Group, Inc.	BUY	292.07	Ordinary	552	552
28-Sep-2021	The Vanguard Group, Inc.	BUY	294.47	Ordinary	5,249	5,249
28-Sep-2021	The Vanguard Group, Inc.	BUY	294.47	Ordinary	1,769	1,769
28-Sep-2021	The Vanguard Group, Inc.	BUY	294.47	Ordinary	5,555	5,555
28-Sep-2021	The Vanguard Group, Inc.	BUY	292.07	Ordinary	1,848	1,848
28-Sep-2021	The Vanguard Group, Inc.	BUY	301.26	Ordinary	2,256	2,256
29-Sep-2021	The Vanguard Group, Inc.	BUY	288.13	Ordinary	690	690
29-Sep-2021	The Vanguard Group, Inc.	BUY	291.27	Ordinary	3,524	3,524
30-Sep-2021	The Vanguard Group, Inc.	BUY	288.56	Ordinary	2,029	2,029
30-Sep-2021	The Vanguard Group, Inc.	BUY	293.38	Ordinary	10,633	10,633

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30-Sep-2021	The Vanguard Group, Inc.	BUY	288.56	Ordinary	5,207	5,207
30-Sep-2021	The Vanguard Group, Inc.	BUY	293.38	Ordinary	8,057	8,057
30-Sep-2021	The Vanguard Group, Inc.	BUY	289.00	Ordinary	2,156	2,156
30-Sep-2021	The Vanguard Group, Inc.	BUY	293.38	Ordinary	3,042	3,042
30-Sep-2021	The Vanguard Group, Inc.	BUY	289.00	Ordinary	7,920	7,920
30-Sep-2021	The Vanguard Group, Inc.	SELL	289.00	Ordinary	(2,156)	(2,156)
1-Oct-2021	The Vanguard Group, Inc.	BUY	293.13	Ordinary	94	94
1-Oct-2021	The Vanguard Group, Inc.	BUY	288.86	Ordinary	44	44
1-Oct-2021	The Vanguard Group, Inc.	BUY	289.55	Ordinary	900	900
1-Oct-2021	The Vanguard Group, Inc.	BUY	288.86	Ordinary	9,075	9,075
4-Oct-2021	The Vanguard Group, Inc.	BUY	287.33	Ordinary	334	334
4-Oct-2021	The Vanguard Group, Inc.	BUY	287.33	Ordinary	7,635	7,635
4-Oct-2021	The Vanguard Group, Inc.	BUY	291.42	Ordinary	6,101	6,101
4-Oct-2021	The Vanguard Group, Inc.	BUY	285.19	Ordinary	2,609	2,609
4-Oct-2021	The Vanguard Group, Inc.	SELL	285.19	Ordinary	(2,609)	(2,609)
4-Oct-2021	The Vanguard Group, Inc.	BUY	287.33	Ordinary	529	529
5-Oct-2021	The Vanguard Group, Inc.	BUY	286.67	Ordinary	496	496
5-Oct-2021	The Vanguard Group, Inc.	BUY	286.67	Ordinary	159	159
5-Oct-2021	The Vanguard Group, Inc.	SELL	286.67	Ordinary	(15,197)	(15,197)
5-Oct-2021	The Vanguard Group, Inc.	BUY	287.85	Ordinary	375	375
6-Oct-2021	The Vanguard Group, Inc.	BUY	287.12	Ordinary	250	250
6-Oct-2021	The Vanguard Group, Inc.	SELL	293.00	Ordinary	(119)	(119)
7-Oct-2021	The Vanguard Group, Inc.	BUY	288.06	Ordinary	326	326
7-Oct-2021	The Vanguard Group, Inc.	BUY	288.06	Ordinary	922	922
7-Oct-2021	The Vanguard Group, Inc.	SELL	288.06	Ordinary	(3,108)	(3,108)
7-Oct-2021	The Vanguard Group, Inc.	SELL	286.61	Ordinary	(315)	(315)
7-Oct-2021	The Vanguard Group, Inc.	SELL	286.61	Ordinary	(358)	(358)
7-Oct-2021	The Vanguard Group, Inc.	BUY	288.82	Ordinary	500	500
8-Oct-2021	The Vanguard Group, Inc.	BUY	290.32	Ordinary	966	966
8-Oct-2021	The Vanguard Group, Inc.	BUY	290.32	Ordinary	2,970	2,970
8-Oct-2021	The Vanguard Group, Inc.	BUY	290.32	Ordinary	625	625
8-Oct-2021	The Vanguard Group, Inc.	BUY	293.20	Ordinary	1,310	1,310
11-Oct-2021	The Vanguard Group, Inc.	BUY	287.50	Ordinary	159	159
11-Oct-2021	The Vanguard Group, Inc.	BUY	286.48	Ordinary	1,200	1,200
12-Oct-2021	The Vanguard Group, Inc.	BUY	289.87	Ordinary	41	41
12-Oct-2021	The Vanguard Group, Inc.	BUY	292.68	Ordinary	290	290
12-Oct-2021	The Vanguard Group, Inc.	BUY	289.87	Ordinary	1,565	1,565
12-Oct-2021	The Vanguard Group, Inc.	BUY	293.09	Ordinary	414	414
12-Oct-2021	The Vanguard Group, Inc.	BUY	289.87	Ordinary	1,513	1,513
12-Oct-2021	The Vanguard Group, Inc.	BUY	289.87	Ordinary	914	914
12-Oct-2021	The Vanguard Group, Inc.	BUY	293.09	Ordinary	375	375
12-Oct-2021	The Vanguard Group, Inc.	BUY	289.87	Ordinary	4,834	4,834
13-Oct-2021	The Vanguard Group, Inc.	BUY	291.32	Ordinary	96	96
13-Oct-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	1,200	1,200
13-Oct-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	1,980	1,980
13-Oct-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	3,960	3,960
13-Oct-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	1,425	1,425
13-Oct-2021	The Vanguard Group, Inc.	BUY	295.00	Ordinary	500	500
14-Oct-2021	The Vanguard Group, Inc.	BUY	296.90	Ordinary	177	177
14-Oct-2021	The Vanguard Group, Inc.	SELL	298.90	Ordinary	(233)	(233)
15-Oct-2021	The Vanguard Group, Inc.	BUY	298.54	Ordinary	900	900
15-Oct-2021	The Vanguard Group, Inc.	SELL	299.90	Ordinary	(74)	(74)
18-Oct-2021	The Vanguard Group, Inc.	BUY	297.00	Ordinary	134	134
19-Oct-2021	The Vanguard Group, Inc.	BUY	296.18	Ordinary	47	47
19-Oct-2021	The Vanguard Group, Inc.	BUY	297.19	Ordinary	1,425	1,425
19-Oct-2021	The Vanguard Group, Inc.	BUY	297.19	Ordinary	375	375
20-Oct-2021	The Vanguard Group, Inc.	BUY	297.67	Ordinary	275	275
20-Oct-2021	The Vanguard Group, Inc.	BUY	297.67	Ordinary	532	532
20-Oct-2021	The Vanguard Group, Inc.	BUY	297.67	Ordinary	552	552
21-Oct-2021	The Vanguard Group, Inc.	BUY	298.80	Ordinary	1,830	1,830
22-Oct-2021	The Vanguard Group, Inc.	SELL	295.86	Ordinary	(2,758)	(2,758)
25-Oct-2021	The Vanguard Group, Inc.	BUY	295.59	Ordinary	165	165
25-Oct-2021	The Vanguard Group, Inc.	BUY	296.36	Ordinary	2,970	2,970
26-Oct-2021	The Vanguard Group, Inc.	BUY	296.00	Ordinary	290	290
26-Oct-2021	The Vanguard Group, Inc.	BUY	296.00	Ordinary	2,076	2,076
26-Oct-2021	The Vanguard Group, Inc.	BUY	296.15	Ordinary	375	375
26-Oct-2021	The Vanguard Group, Inc.	BUY	296.39	Ordinary	6,408	6,408
27-Oct-2021	The Vanguard Group, Inc.	BUY	297.00	Ordinary	124	124

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
27-Oct-2021	The Vanguard Group, Inc.	BUY	297.77	Ordinary	1,900	1,900
27-Oct-2021	The Vanguard Group, Inc.	BUY	297.77	Ordinary	1,045	1,045
27-Oct-2021	The Vanguard Group, Inc.	BUY	297.77	Ordinary	375	375
27-Oct-2021	The Vanguard Group, Inc.	SELL	297.00	Ordinary	(113)	(113)
28-Oct-2021	The Vanguard Group, Inc.	BUY	300.41	Ordinary	855	855
28-Oct-2021	The Vanguard Group, Inc.	BUY	299.84	Ordinary	1,313	1,313
28-Oct-2021	The Vanguard Group, Inc.	BUY	300.41	Ordinary	1,852	1,852
28-Oct-2021	The Vanguard Group, Inc.	BUY	300.41	Ordinary	1,389	1,389
28-Oct-2021	The Vanguard Group, Inc.	BUY	300.41	Ordinary	2,315	2,315
29-Oct-2021	The Vanguard Group, Inc.	BUY	300.49	Ordinary	173	173
29-Oct-2021	The Vanguard Group, Inc.	BUY	302.48	Ordinary	500	500
29-Oct-2021	The Vanguard Group, Inc.	SELL	302.48	Ordinary	(2,145)	(2,145)
1-Nov-2021	The Vanguard Group, Inc.	BUY	305.18	Ordinary	554	554
1-Nov-2021	The Vanguard Group, Inc.	BUY	305.18	Ordinary	4,746	4,746
1-Nov-2021	The Vanguard Group, Inc.	BUY	306.93	Ordinary	2,976	2,976
1-Nov-2021	The Vanguard Group, Inc.	BUY	306.93	Ordinary	1,984	1,984
1-Nov-2021	The Vanguard Group, Inc.	BUY	306.93	Ordinary	1,425	1,425
2-Nov-2021	The Vanguard Group, Inc.	BUY	308.04	Ordinary	42	42
2-Nov-2021	The Vanguard Group, Inc.	BUY	308.90	Ordinary	7,707	7,707
2-Nov-2021	The Vanguard Group, Inc.	BUY	308.90	Ordinary	3,707	3,707
3-Nov-2021	The Vanguard Group, Inc.	BUY	310.84	Ordinary	996	996
3-Nov-2021	The Vanguard Group, Inc.	BUY	310.84	Ordinary	369	369
3-Nov-2021	The Vanguard Group, Inc.	BUY	311.90	Ordinary	690	690
3-Nov-2021	The Vanguard Group, Inc.	BUY	311.90	Ordinary	2,480	2,480
3-Nov-2021	The Vanguard Group, Inc.	BUY	311.00	Ordinary	4,022	4,022
4-Nov-2021	The Vanguard Group, Inc.	BUY	311.93	Ordinary	689	689
4-Nov-2021	The Vanguard Group, Inc.	BUY	312.00	Ordinary	2,164	2,164
4-Nov-2021	The Vanguard Group, Inc.	BUY	312.79	Ordinary	1,000	1,000
5-Nov-2021	The Vanguard Group, Inc.	BUY	314.48	Ordinary	257	257
5-Nov-2021	The Vanguard Group, Inc.	BUY	314.68	Ordinary	117	117
5-Nov-2021	The Vanguard Group, Inc.	BUY	314.68	Ordinary	7,159	7,159
5-Nov-2021	The Vanguard Group, Inc.	BUY	315.20	Ordinary	1,520	1,520
5-Nov-2021	The Vanguard Group, Inc.	BUY	315.20	Ordinary	250	250
5-Nov-2021	The Vanguard Group, Inc.	BUY	314.68	Ordinary	4,869	4,869
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	188.28	Ordinary	3,302	3,302
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	188.28	Ordinary	844	844
2-Nov-2018	Vanguard Investments Australia Ltd.	BUY	192.18	Ordinary	5,486	5,486
5-Nov-2018	Vanguard Investments Australia Ltd.	BUY	187.52	Ordinary	7,553	7,553
6-Nov-2018	Vanguard Investments Australia Ltd.	BUY	185.92	Ordinary	9,361	9,361
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	192.87	Ordinary	(4,389)	(4,389)
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	192.87	Ordinary	(255)	(255)
12-Nov-2018	Vanguard Investments Australia Ltd.	BUY	192.87	Ordinary	5,512	5,512
15-Nov-2018	Vanguard Investments Australia Ltd.	SELL	184.26	Ordinary	(3,007)	(3,007)
16-Nov-2018	Vanguard Investments Australia Ltd.	BUY	184.45	Ordinary	228	228
16-Nov-2018	Vanguard Investments Australia Ltd.	BUY	184.45	Ordinary	7,704	7,704
19-Nov-2018	Vanguard Investments Australia Ltd.	BUY	182.73	Ordinary	6,981	6,981
19-Nov-2018	Vanguard Investments Australia Ltd.	SELL	182.30	Ordinary	(17,141)	(17,141)
21-Nov-2018	Vanguard Investments Australia Ltd.	BUY	179.25	Ordinary	5,179	5,179
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	184.81	Ordinary	5,950	5,950
23-Nov-2018	Vanguard Investments Australia Ltd.	BUY	182.00	Ordinary	8,226	8,226
27-Nov-2018	Vanguard Investments Australia Ltd.	SELL	178.81	Ordinary	(945)	(945)
29-Nov-2018	Vanguard Investments Australia Ltd.	BUY	180.80	Ordinary	4,675	4,675
30-Nov-2018	Vanguard Investments Australia Ltd.	SELL	177.91	Ordinary	(181)	(181)
3-Dec-2018	Vanguard Investments Australia Ltd.	SELL	182.50	Ordinary	(294)	(294)
3-Dec-2018	Vanguard Investments Australia Ltd.	SELL	182.50	Ordinary	(1,454)	(1,454)
3-Dec-2018	Vanguard Investments Australia Ltd.	SELL	182.50	Ordinary	(296)	(296)
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	183.49	Ordinary	5,525	5,525
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	183.49	Ordinary	8,768	8,768
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	181.78	Ordinary	72,551	72,551
6-Dec-2018	Vanguard Investments Australia Ltd.	SELL	179.24	Ordinary	(2,893)	(2,893)
7-Dec-2018	Vanguard Investments Australia Ltd.	BUY	183.80	Ordinary	8,907	8,907
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	180.38	Ordinary	8,500	8,500
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	180.38	Ordinary	5,100	5,100
12-Dec-2018	Vanguard Investments Australia Ltd.	BUY	182.70	Ordinary	322,873	322,873
14-Dec-2018	Vanguard Investments Australia Ltd.	SELL	180.15	Ordinary	(2,550)	(2,550)
20-Dec-2018	Vanguard Investments Australia Ltd.	SELL	175.65	Ordinary	(2,047)	(2,047)
20-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.65	Ordinary	287	287
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	12,549	12,549

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21-Dec-2018	Vanguard Investments Australia Ltd.	SELL	177.73	Ordinary	(254)	(254)
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	8,229	8,229
21-Dec-2018	Vanguard Investments Australia Ltd.	SELL	177.17	Ordinary	(1,682)	(1,682)
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	16,322	16,322
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	1,941	1,941
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	1,306	1,306
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	3,602	3,602
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	16,767	16,767
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	177.17	Ordinary	32,565	32,565
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	2,980	2,980
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	1,954	1,954
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	3,876	3,876
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	460	460
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	309	309
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	855	855
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	3,981	3,981
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	175.94	Ordinary	7,733	7,733
27-Dec-2018	Vanguard Investments Australia Ltd.	BUY	184.29	Ordinary	2,544	2,544
31-Dec-2018	Vanguard Investments Australia Ltd.	BUY	185.85	Ordinary	11,034	11,034
31-Dec-2018	Vanguard Investments Australia Ltd.	SELL	185.16	Ordinary	(287)	(287)
2-Jan-2019	Vanguard Investments Australia Ltd.	SELL	185.38	Ordinary	(1,208)	(1,208)
3-Jan-2019	Vanguard Investments Australia Ltd.	BUY	189.59	Ordinary	463	463
4-Jan-2019	Vanguard Investments Australia Ltd.	BUY	186.60	Ordinary	171	171
8-Jan-2019	Vanguard Investments Australia Ltd.	BUY	189.92	Ordinary	4,220	4,220
10-Jan-2019	Vanguard Investments Australia Ltd.	BUY	196.47	Ordinary	143	143
11-Jan-2019	Vanguard Investments Australia Ltd.	BUY	195.20	Ordinary	5,076	5,076
11-Jan-2019	Vanguard Investments Australia Ltd.	BUY	195.50	Ordinary	7,107	7,107
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	196.41	Ordinary	407	407
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	197.19	Ordinary	536	536
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	196.41	Ordinary	1,003	1,003
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	196.41	Ordinary	7,264	7,264
21-Jan-2019	Vanguard Investments Australia Ltd.	SELL	195.78	Ordinary	(4,717)	(4,717)
22-Jan-2019	Vanguard Investments Australia Ltd.	SELL	195.70	Ordinary	(1,666)	(1,666)
22-Jan-2019	Vanguard Investments Australia Ltd.	SELL	195.93	Ordinary	(1,668)	(1,668)
29-Jan-2019	Vanguard Investments Australia Ltd.	SELL	194.49	Ordinary	(2,742)	(2,742)
29-Jan-2019	Vanguard Investments Australia Ltd.	BUY	194.48	Ordinary	7,997	7,997
30-Jan-2019	Vanguard Investments Australia Ltd.	BUY	194.73	Ordinary	1,692	1,692
30-Jan-2019	Vanguard Investments Australia Ltd.	BUY	194.77	Ordinary	8,285	8,285
1-Feb-2019	Vanguard Investments Australia Ltd.	SELL	194.96	Ordinary	(985)	(985)
1-Feb-2019	Vanguard Investments Australia Ltd.	BUY	194.44	Ordinary	13,619	13,619
4-Feb-2019	Vanguard Investments Australia Ltd.	BUY	193.77	Ordinary	5,271	5,271
5-Feb-2019	Vanguard Investments Australia Ltd.	SELL	193.03	Ordinary	(29,540)	(29,540)
12-Feb-2019	Vanguard Investments Australia Ltd.	SELL	193.69	Ordinary	(3,126)	(3,126)
13-Feb-2019	Vanguard Investments Australia Ltd.	BUY	186.09	Ordinary	17,915	17,915
15-Feb-2019	Vanguard Investments Australia Ltd.	SELL	185.00	Ordinary	(190)	(190)
15-Feb-2019	Vanguard Investments Australia Ltd.	SELL	185.00	Ordinary	(1,489)	(1,489)
19-Feb-2019	Vanguard Investments Australia Ltd.	BUY	184.00	Ordinary	4,675	4,675
20-Feb-2019	Vanguard Investments Australia Ltd.	SELL	185.35	Ordinary	(3,195)	(3,195)
25-Feb-2019	Vanguard Investments Australia Ltd.	BUY	189.09	Ordinary	13,440	13,440
26-Feb-2019	Vanguard Investments Australia Ltd.	SELL	187.14	Ordinary	(11,071)	(11,071)
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	187.25	Ordinary	4,250	4,250
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	193.63	Ordinary	210	210
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	193.63	Ordinary	169	169
5-Mar-2019	Vanguard Investments Australia Ltd.	BUY	197.99	Ordinary	27,328	27,328
6-Mar-2019	Vanguard Investments Australia Ltd.	BUY	198.13	Ordinary	172	172
11-Mar-2019	Vanguard Investments Australia Ltd.	SELL	198.88	Ordinary	(1,265)	(1,265)
12-Mar-2019	Vanguard Investments Australia Ltd.	SELL	198.61	Ordinary	(2,892)	(2,892)
15-Mar-2019	Vanguard Investments Australia Ltd.	SELL	195.93	Ordinary	(3,878)	(3,878)
15-Mar-2019	Vanguard Investments Australia Ltd.	SELL	195.93	Ordinary	(2,984)	(2,984)
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	1,052	1,052
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	4,715	4,715
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	345	345
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	1,553	1,553
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	2,325	2,325
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	10,431	10,431
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	185	185
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	835	835
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	245	245

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15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	1,096	1,096
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	1,884	1,884
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	8,454	8,454
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	195.93	Ordinary	1,388	1,388
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	196.08	Ordinary	6,235	6,235
19-Mar-2019	Vanguard Investments Australia Ltd.	SELL	193.58	Ordinary	(1,189)	(1,189)
19-Mar-2019	Vanguard Investments Australia Ltd.	BUY	193.58	Ordinary	66	66
21-Mar-2019	Vanguard Investments Australia Ltd.	SELL	194.23	Ordinary	(2,672)	(2,672)
21-Mar-2019	Vanguard Investments Australia Ltd.	BUY	194.23	Ordinary	5,412	5,412
22-Mar-2019	Vanguard Investments Australia Ltd.	BUY	197.19	Ordinary	6,071	6,071
29-Mar-2019	Vanguard Investments Australia Ltd.	SELL	194.94	Ordinary	(330)	(330)
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	197.58	Ordinary	(23,437)	(23,437)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	197.58	Ordinary	634	634
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	197.58	Ordinary	11,262	11,262
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	197.58	Ordinary	1,260	1,260
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	197.58	Ordinary	(527)	(527)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	197.58	Ordinary	11,615	11,615
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	200.48	Ordinary	5,130	5,130
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	200.48	Ordinary	762	762
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	200.48	Ordinary	1,569	1,569
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	200.48	Ordinary	11,967	11,967
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	200.21	Ordinary	2,954	2,954
3-Apr-2019	Vanguard Investments Australia Ltd.	SELL	202.36	Ordinary	(366)	(366)
5-Apr-2019	Vanguard Investments Australia Ltd.	BUY	196.68	Ordinary	3,892	3,892
8-Apr-2019	Vanguard Investments Australia Ltd.	BUY	200.54	Ordinary	3,376	3,376
9-Apr-2019	Vanguard Investments Australia Ltd.	SELL	201.60	Ordinary	(1,015)	(1,015)
9-Apr-2019	Vanguard Investments Australia Ltd.	BUY	201.60	Ordinary	134,639	134,639
11-Apr-2019	Vanguard Investments Australia Ltd.	BUY	199.00	Ordinary	6,936	6,936
12-Apr-2019	Vanguard Investments Australia Ltd.	SELL	197.86	Ordinary	(1,221)	(1,221)
16-Apr-2019	Vanguard Investments Australia Ltd.	BUY	196.70	Ordinary	26,143	26,143
18-Apr-2019	Vanguard Investments Australia Ltd.	SELL	190.51	Ordinary	(700)	(700)
26-Apr-2019	Vanguard Investments Australia Ltd.	SELL	195.97	Ordinary	(2,144)	(2,144)
30-Apr-2019	Vanguard Investments Australia Ltd.	SELL	198.57	Ordinary	(6,695)	(6,695)
30-Apr-2019	Vanguard Investments Australia Ltd.	BUY	198.57	Ordinary	5,064	5,064
1-May-2019	Vanguard Investments Australia Ltd.	BUY	200.02	Ordinary	2,361	2,361
1-May-2019	Vanguard Investments Australia Ltd.	BUY	199.96	Ordinary	8,082	8,082
1-May-2019	Vanguard Investments Australia Ltd.	BUY	200.02	Ordinary	2,806	2,806
1-May-2019	Vanguard Investments Australia Ltd.	BUY	199.96	Ordinary	9,617	9,617
1-May-2019	Vanguard Investments Australia Ltd.	BUY	200.02	Ordinary	5,333	5,333
1-May-2019	Vanguard Investments Australia Ltd.	BUY	199.96	Ordinary	18,282	18,282
3-May-2019	Vanguard Investments Australia Ltd.	SELL	200.90	Ordinary	(902)	(902)
6-May-2019	Vanguard Investments Australia Ltd.	BUY	198.58	Ordinary	8,124	8,124
7-May-2019	Vanguard Investments Australia Ltd.	SELL	198.59	Ordinary	(1,216)	(1,216)
10-May-2019	Vanguard Investments Australia Ltd.	BUY	196.63	Ordinary	724	724
10-May-2019	Vanguard Investments Australia Ltd.	BUY	196.63	Ordinary	1,445	1,445
10-May-2019	Vanguard Investments Australia Ltd.	BUY	196.63	Ordinary	969	969
10-May-2019	Vanguard Investments Australia Ltd.	BUY	197.25	Ordinary	3,798	3,798
14-May-2019	Vanguard Investments Australia Ltd.	SELL	197.79	Ordinary	(1,466)	(1,466)
15-May-2019	Vanguard Investments Australia Ltd.	SELL	200.86	Ordinary	(2,086)	(2,086)
16-May-2019	Vanguard Investments Australia Ltd.	BUY	202.39	Ordinary	10,181	10,181
17-May-2019	Vanguard Investments Australia Ltd.	BUY	206.67	Ordinary	287	287
17-May-2019	Vanguard Investments Australia Ltd.	BUY	206.51	Ordinary	4,240	4,240
21-May-2019	Vanguard Investments Australia Ltd.	BUY	206.24	Ordinary	4,230	4,230
22-May-2019	Vanguard Investments Australia Ltd.	BUY	204.84	Ordinary	4,171	4,171
23-May-2019	Vanguard Investments Australia Ltd.	SELL	206.20	Ordinary	(298)	(298)
27-May-2019	Vanguard Investments Australia Ltd.	SELL	206.65	Ordinary	(9,629)	(9,629)
28-May-2019	Vanguard Investments Australia Ltd.	SELL	207.21	Ordinary	(1,124)	(1,124)
28-May-2019	Vanguard Investments Australia Ltd.	BUY	207.28	Ordinary	4,220	4,220
29-May-2019	Vanguard Investments Australia Ltd.	SELL	204.16	Ordinary	(6,965)	(6,965)
29-May-2019	Vanguard Investments Australia Ltd.	SELL	204.83	Ordinary	(2,003)	(2,003)
30-May-2019	Vanguard Investments Australia Ltd.	BUY	203.57	Ordinary	26,098	26,098
3-Jun-2019	Vanguard Investments Australia Ltd.	SELL	204.63	Ordinary	(8,248)	(8,248)
3-Jun-2019	Vanguard Investments Australia Ltd.	SELL	204.63	Ordinary	(4,464)	(4,464)
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	204.50	Ordinary	230	230
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	203.07	Ordinary	4,220	4,220
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	200.86	Ordinary	1,064	1,064
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	200.86	Ordinary	5,052	5,052
7-Jun-2019	Vanguard Investments Australia Ltd.	SELL	203.80	Ordinary	(398)	(398)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	203.80	Ordinary	1,404	1,404
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	203.80	Ordinary	503	503
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	202.66	Ordinary	21,058	21,058
11-Jun-2019	Vanguard Investments Australia Ltd.	SELL	212.50	Ordinary	(1,254)	(1,254)
12-Jun-2019	Vanguard Investments Australia Ltd.	BUY	208.32	Ordinary	14,327	14,327
17-Jun-2019	Vanguard Investments Australia Ltd.	BUY	211.42	Ordinary	3,376	3,376
18-Jun-2019	Vanguard Investments Australia Ltd.	SELL	211.70	Ordinary	(236)	(236)
18-Jun-2019	Vanguard Investments Australia Ltd.	SELL	211.70	Ordinary	(1,074)	(1,074)
18-Jun-2019	Vanguard Investments Australia Ltd.	SELL	211.70	Ordinary	(237)	(237)
20-Jun-2019	Vanguard Investments Australia Ltd.	SELL	219.46	Ordinary	(2,284)	(2,284)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	893	893
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	708	708
21-Jun-2019	Vanguard Investments Australia Ltd.	SELL	212.50	Ordinary	(774)	(774)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	762	762
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	961	961
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	1,480	1,480
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	1,173	1,173
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	333	333
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	265	265
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	334	334
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	266	266
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	3,881	3,881
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	3,077	3,077
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	2,532	2,532
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	12,351	12,351
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	212.50	Ordinary	9,794	9,794
25-Jun-2019	Vanguard Investments Australia Ltd.	SELL	214.37	Ordinary	(7,879)	(7,879)
27-Jun-2019	Vanguard Investments Australia Ltd.	SELL	215.19	Ordinary	(3,811)	(3,811)
27-Jun-2019	Vanguard Investments Australia Ltd.	BUY	215.19	Ordinary	2,961	2,961
28-Jun-2019	Vanguard Investments Australia Ltd.	SELL	215.00	Ordinary	(180)	(180)
2-Jul-2019	Vanguard Investments Australia Ltd.	BUY	218.01	Ordinary	5,016	5,016
5-Jul-2019	Vanguard Investments Australia Ltd.	BUY	224.65	Ordinary	4,121	4,121
8-Jul-2019	Vanguard Investments Australia Ltd.	BUY	221.30	Ordinary	2,508	2,508
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	220.00	Ordinary	2,508	2,508
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	220.00	Ordinary	4,793	4,793
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	221.92	Ordinary	791	791
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	221.74	Ordinary	2,514	2,514
12-Jul-2019	Vanguard Investments Australia Ltd.	SELL	220.57	Ordinary	(935)	(935)
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	221.53	Ordinary	852	852
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	221.53	Ordinary	8,527	8,527
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	222.65	Ordinary	2,364	2,364
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	222.65	Ordinary	6,140	6,140
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	222.65	Ordinary	908	908
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	222.59	Ordinary	5,028	5,028
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	222.59	Ordinary	6,140	6,140
18-Jul-2019	Vanguard Investments Australia Ltd.	SELL	224.43	Ordinary	(1,920)	(1,920)
19-Jul-2019	Vanguard Investments Australia Ltd.	SELL	224.78	Ordinary	(1,964)	(1,964)
19-Jul-2019	Vanguard Investments Australia Ltd.	BUY	224.78	Ordinary	4,712	4,712
22-Jul-2019	Vanguard Investments Australia Ltd.	SELL	221.81	Ordinary	(278,999)	(278,999)
23-Jul-2019	Vanguard Investments Australia Ltd.	SELL	222.93	Ordinary	(1,087)	(1,087)
24-Jul-2019	Vanguard Investments Australia Ltd.	BUY	223.34	Ordinary	2,457	2,457
26-Jul-2019	Vanguard Investments Australia Ltd.	SELL	227.04	Ordinary	(1,171)	(1,171)
30-Jul-2019	Vanguard Investments Australia Ltd.	BUY	230.22	Ordinary	4,609	4,609
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	229.62	Ordinary	8,847	8,847
1-Aug-2019	Vanguard Investments Australia Ltd.	SELL	228.90	Ordinary	(2,744)	(2,744)
2-Aug-2019	Vanguard Investments Australia Ltd.	SELL	232.03	Ordinary	(3,252)	(3,252)
6-Aug-2019	Vanguard Investments Australia Ltd.	SELL	217.43	Ordinary	(1,522)	(1,522)
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	217.43	Ordinary	3,771	3,771
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	217.43	Ordinary	3,771	3,771
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	217.43	Ordinary	4,743	4,743
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	218.88	Ordinary	5,237	5,237
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	222.79	Ordinary	4,609	4,609
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	222.79	Ordinary	7,595	7,595
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	220.02	Ordinary	3,565	3,565
12-Aug-2019	Vanguard Investments Australia Ltd.	BUY	222.78	Ordinary	4,609	4,609
13-Aug-2019	Vanguard Investments Australia Ltd.	SELL	219.50	Ordinary	(1,133)	(1,133)
13-Aug-2019	Vanguard Investments Australia Ltd.	BUY	219.50	Ordinary	1,509	1,509
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.00	Ordinary	1,080	1,080

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
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.00	Ordinary	76	76
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.00	Ordinary	7,529	7,529
16-Aug-2019	Vanguard Investments Australia Ltd.	BUY	227.40	Ordinary	6,763	6,763
19-Aug-2019	Vanguard Investments Australia Ltd.	BUY	229.52	Ordinary	7,995	7,995
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.45	Ordinary	2,127	2,127
20-Aug-2019	Vanguard Investments Australia Ltd.	SELL	234.45	Ordinary	(1,919)	(1,919)
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.45	Ordinary	3,656	3,656
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	235.30	Ordinary	2,669	2,669
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	238.86	Ordinary	5,263	5,263
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.05	Ordinary	306	306
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.05	Ordinary	77	77
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	234.05	Ordinary	5,216	5,216
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	240.87	Ordinary	10,800	10,800
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	239.85	Ordinary	9,306	9,306
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	240.03	Ordinary	123	123
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	240.00	Ordinary	37,847	37,847
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	240.03	Ordinary	58	58
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	236.45	Ordinary	6,371	6,371
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	237.46	Ordinary	7,525	7,525
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	239.65	Ordinary	117	117
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	239.65	Ordinary	9,435	9,435
6-Sep-2019	Vanguard Investments Australia Ltd.	SELL	241.99	Ordinary	(1,093)	(1,093)
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	233.00	Ordinary	3,182	3,182
12-Sep-2019	Vanguard Investments Australia Ltd.	BUY	231.60	Ordinary	3,049	3,049
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	230.69	Ordinary	(294)	(294)
13-Sep-2019	Vanguard Investments Australia Ltd.	BUY	230.69	Ordinary	1,644	1,644
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	230.69	Ordinary	(2,257)	(2,257)
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	234.82	Ordinary	1,576	1,576
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	234.82	Ordinary	8,075	8,075
18-Sep-2019	Vanguard Investments Australia Ltd.	SELL	234.77	Ordinary	(1,975)	(1,975)
19-Sep-2019	Vanguard Investments Australia Ltd.	SELL	235.02	Ordinary	(1,912)	(1,912)
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	235.09	Ordinary	(6,650)	(6,650)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	234.50	Ordinary	2,122	2,122
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	234.50	Ordinary	3,021	3,021
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	235.09	Ordinary	(784)	(784)
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	235.09	Ordinary	(353)	(353)
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	235.09	Ordinary	(2,484)	(2,484)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	234.50	Ordinary	4,250	4,250
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	235.09	Ordinary	(705)	(705)
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	236.69	Ordinary	6,330	6,330
24-Sep-2019	Vanguard Investments Australia Ltd.	BUY	237.82	Ordinary	881	881
25-Sep-2019	Vanguard Investments Australia Ltd.	SELL	236.69	Ordinary	(1,885)	(1,885)
25-Sep-2019	Vanguard Investments Australia Ltd.	BUY	236.69	Ordinary	5,908	5,908
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	234.30	Ordinary	5,064	5,064
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	233.69	Ordinary	(2,672)	(2,672)
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	233.69	Ordinary	(347)	(347)
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	234.92	Ordinary	11,297	11,297
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	234.92	Ordinary	2,106	2,106
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	234.92	Ordinary	5,898	5,898
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	234.65	Ordinary	7,904	7,904
2-Oct-2019	Vanguard Investments Australia Ltd.	SELL	234.65	Ordinary	(9,984)	(9,984)
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	229.54	Ordinary	6,683	6,683
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	236.34	Ordinary	276	276
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	236.34	Ordinary	6,248	6,248
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	236.34	Ordinary	2,030	2,030
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	236.34	Ordinary	7,072	7,072
7-Oct-2019	Vanguard Investments Australia Ltd.	BUY	239.55	Ordinary	6,093	6,093
10-Oct-2019	Vanguard Investments Australia Ltd.	BUY	239.81	Ordinary	2,000	2,000
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	244.54	Ordinary	2,140	2,140
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	244.54	Ordinary	3,328	3,328
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	243.74	Ordinary	59,791	59,791
14-Oct-2019	Vanguard Investments Australia Ltd.	SELL	243.74	Ordinary	(2,000)	(2,000)
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	253.00	Ordinary	70,854	70,854
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	252.59	Ordinary	164	164
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	252.59	Ordinary	602	602
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	250.97	Ordinary	4,170	4,170
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	250.67	Ordinary	15,315	15,315
21-Oct-2019	Vanguard Investments Australia Ltd.	BUY	250.33	Ordinary	5,253	5,253

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22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	250.75	Ordinary	4,170	4,170
23-Oct-2019	Vanguard Investments Australia Ltd.	SELL	248.36	Ordinary	(342)	(342)
23-Oct-2019	Vanguard Investments Australia Ltd.	SELL	248.36	Ordinary	(303)	(303)
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	250.64	Ordinary	2,146	2,146
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	250.64	Ordinary	4,671	4,671
24-Oct-2019	Vanguard Investments Australia Ltd.	SELL	252.75	Ordinary	(310)	(310)
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	256.23	Ordinary	4,170	4,170
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	255.41	Ordinary	14,329	14,329
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	255.40	Ordinary	12,220	12,220
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	256.03	Ordinary	(962)	(962)
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	256.03	Ordinary	9,386	9,386
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	256.03	Ordinary	10,008	10,008
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	256.08	Ordinary	11,740	11,740
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	256.03	Ordinary	(5,004)	(5,004)
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	258.66	Ordinary	(54,488)	(54,488)
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	258.65	Ordinary	5,321	5,321
4-Nov-2019	Vanguard Investments Australia Ltd.	SELL	259.95	Ordinary	(68,204)	(68,204)
4-Nov-2019	Vanguard Investments Australia Ltd.	BUY	259.55	Ordinary	10,169	10,169
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	260.75	Ordinary	(17,902)	(17,902)
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	260.75	Ordinary	(7,361)	(7,361)
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	260.75	Ordinary	5,004	5,004
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	261.31	Ordinary	(5,428)	(5,428)
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	261.31	Ordinary	3,384	3,384
11-Nov-2019	Vanguard Investments Australia Ltd.	SELL	270.56	Ordinary	(1,255)	(1,255)
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	270.35	Ordinary	10,987	10,987
12-Nov-2019	Vanguard Investments Australia Ltd.	SELL	266.51	Ordinary	(1,970)	(1,970)
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	266.51	Ordinary	4,609	4,609
13-Nov-2019	Vanguard Investments Australia Ltd.	SELL	266.91	Ordinary	(464)	(464)
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	266.91	Ordinary	1,254	1,254
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	269.67	Ordinary	8,778	8,778
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	269.67	Ordinary	1,078	1,078
19-Nov-2019	Vanguard Investments Australia Ltd.	SELL	274.27	Ordinary	(661)	(661)
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	274.27	Ordinary	5,447	5,447
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	270.17	Ordinary	2,933	2,933
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	267.00	Ordinary	(682)	(682)
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	267.00	Ordinary	(612)	(612)
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	267.00	Ordinary	8,799	8,799
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	269.65	Ordinary	1,617	1,617
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	269.65	Ordinary	9,255	9,255
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	273.41	Ordinary	8,631	8,631
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	276.42	Ordinary	484	484
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	276.42	Ordinary	10,093	10,093
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	276.42	Ordinary	411	411
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	279.73	Ordinary	(4,582)	(4,582)
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	279.73	Ordinary	(130)	(130)
27-Nov-2019	Vanguard Investments Australia Ltd.	BUY	279.99	Ordinary	8,166	8,166
28-Nov-2019	Vanguard Investments Australia Ltd.	SELL	282.99	Ordinary	(135)	(135)
29-Nov-2019	Vanguard Investments Australia Ltd.	BUY	283.48	Ordinary	2,108	2,108
29-Nov-2019	Vanguard Investments Australia Ltd.	BUY	283.48	Ordinary	5,028	5,028
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	286.10	Ordinary	2,661	2,661
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	286.10	Ordinary	22,153	22,153
3-Dec-2019	Vanguard Investments Australia Ltd.	BUY	277.90	Ordinary	6,398	6,398
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	277.19	Ordinary	9,218	9,218
5-Dec-2019	Vanguard Investments Australia Ltd.	BUY	277.71	Ordinary	6,884	6,884
6-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.00	Ordinary	2,033	2,033
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	277.95	Ordinary	1,614	1,614
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	277.95	Ordinary	5,016	5,016
11-Dec-2019	Vanguard Investments Australia Ltd.	BUY	282.15	Ordinary	8,808	8,808
12-Dec-2019	Vanguard Investments Australia Ltd.	SELL	279.19	Ordinary	(164)	(164)
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	278.12	Ordinary	4,190	4,190
18-Dec-2019	Vanguard Investments Australia Ltd.	SELL	287.00	Ordinary	(2,690)	(2,690)
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	287.00	Ordinary	5,866	5,866
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	287.42	Ordinary	7,777	7,777
19-Dec-2019	Vanguard Investments Australia Ltd.	BUY	284.57	Ordinary	4,968	4,968
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.47	Ordinary	700	700
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.47	Ordinary	480	480
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.47	Ordinary	421	421
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.47	Ordinary	1,076	1,076

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30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	282.44	Ordinary	1,486	1,486
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.96	Ordinary	3,352	3,352
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	281.69	Ordinary	11,000	11,000
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	275.76	Ordinary	7,944	7,944
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	275.76	Ordinary	2,095	2,095
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	275.04	Ordinary	4,980	4,980
3-Jan-2020	Vanguard Investments Australia Ltd.	SELL	277.30	Ordinary	(30,493)	(30,493)
6-Jan-2020	Vanguard Investments Australia Ltd.	BUY	275.92	Ordinary	1,793	1,793
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	283.42	Ordinary	2,490	2,490
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	283.58	Ordinary	9,747	9,747
8-Jan-2020	Vanguard Investments Australia Ltd.	BUY	285.85	Ordinary	6,225	6,225
9-Jan-2020	Vanguard Investments Australia Ltd.	SELL	291.10	Ordinary	(3,320)	(3,320)
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	294.50	Ordinary	6,225	6,225
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	296.28	Ordinary	5,104	5,104
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	296.50	Ordinary	2,136	2,136
14-Jan-2020	Vanguard Investments Australia Ltd.	SELL	296.50	Ordinary	(2,136)	(2,136)
15-Jan-2020	Vanguard Investments Australia Ltd.	SELL	297.74	Ordinary	(3,278)	(3,278)
15-Jan-2020	Vanguard Investments Australia Ltd.	SELL	297.23	Ordinary	(43)	(43)
15-Jan-2020	Vanguard Investments Australia Ltd.	BUY	296.99	Ordinary	10,153	10,153
16-Jan-2020	Vanguard Investments Australia Ltd.	BUY	300.89	Ordinary	1,452	1,452
21-Jan-2020	Vanguard Investments Australia Ltd.	SELL	304.34	Ordinary	(4,560)	(4,560)
21-Jan-2020	Vanguard Investments Australia Ltd.	BUY	304.34	Ordinary	6,225	6,225
22-Jan-2020	Vanguard Investments Australia Ltd.	BUY	308.78	Ordinary	37	37
22-Jan-2020	Vanguard Investments Australia Ltd.	BUY	308.78	Ordinary	67	67
24-Jan-2020	Vanguard Investments Australia Ltd.	SELL	310.70	Ordinary	(1,317)	(1,317)
30-Jan-2020	Vanguard Investments Australia Ltd.	BUY	310.49	Ordinary	6,240	6,240
31-Jan-2020	Vanguard Investments Australia Ltd.	BUY	312.51	Ordinary	6,231	6,231
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	311.30	Ordinary	(3,475)	(3,475)
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	311.41	Ordinary	(1,470)	(1,470)
5-Feb-2020	Vanguard Investments Australia Ltd.	BUY	315.64	Ordinary	534	534
7-Feb-2020	Vanguard Investments Australia Ltd.	BUY	320.03	Ordinary	4,150	4,150
10-Feb-2020	Vanguard Investments Australia Ltd.	BUY	322.96	Ordinary	5,353	5,353
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	325.73	Ordinary	8,320	8,320
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	325.62	Ordinary	14,549	14,549
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	332.02	Ordinary	(30)	(30)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	332.55	Ordinary	(7,755)	(7,755)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	332.55	Ordinary	(1,602)	(1,602)
18-Feb-2020	Vanguard Investments Australia Ltd.	BUY	332.80	Ordinary	110	110
18-Feb-2020	Vanguard Investments Australia Ltd.	SELL	332.80	Ordinary	(521)	(521)
18-Feb-2020	Vanguard Investments Australia Ltd.	BUY	332.80	Ordinary	111	111
18-Feb-2020	Vanguard Investments Australia Ltd.	BUY	331.17	Ordinary	534	534
19-Feb-2020	Vanguard Investments Australia Ltd.	BUY	341.00	Ordinary	56	56
19-Feb-2020	Vanguard Investments Australia Ltd.	BUY	341.00	Ordinary	506	506
25-Feb-2020	Vanguard Investments Australia Ltd.	BUY	324.00	Ordinary	28	28
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	310.59	Ordinary	14	14
26-Feb-2020	Vanguard Investments Australia Ltd.	SELL	317.27	Ordinary	(2,275)	(2,275)
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	310.59	Ordinary	6,672	6,672
27-Feb-2020	Vanguard Investments Australia Ltd.	BUY	317.50	Ordinary	32,329	32,329
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	309.44	Ordinary	(204)	(204)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	309.44	Ordinary	(3,333)	(3,333)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	309.44	Ordinary	(5,190)	(5,190)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	309.44	Ordinary	(65)	(65)
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	309.44	Ordinary	6,255	6,255
2-Mar-2020	Vanguard Investments Australia Ltd.	SELL	306.11	Ordinary	(3,850)	(3,850)
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	312.00	Ordinary	320	320
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	313.00	Ordinary	11,286	11,286
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	306.14	Ordinary	49	49
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	306.14	Ordinary	4,802	4,802
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	306.14	Ordinary	7,106	7,106
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	316.90	Ordinary	1,217	1,217
5-Mar-2020	Vanguard Investments Australia Ltd.	SELL	316.90	Ordinary	(1,709)	(1,709)
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	316.90	Ordinary	240	240
6-Mar-2020	Vanguard Investments Australia Ltd.	SELL	314.59	Ordinary	(4,081)	(4,081)
9-Mar-2020	Vanguard Investments Australia Ltd.	SELL	295.96	Ordinary	(1,697)	(1,697)
9-Mar-2020	Vanguard Investments Australia Ltd.	SELL	295.96	Ordinary	(30)	(30)
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	295.96	Ordinary	14,700	14,700
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	295.96	Ordinary	17,881	17,881
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	308.97	Ordinary	7,329	7,329

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Mar-2020	Vanguard Investments Australia Ltd.	SELL	308.97	Ordinary	(174)	(174)
10-Mar-2020	Vanguard Investments Australia Ltd.	SELL	308.97	Ordinary	(970)	(970)
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	308.97	Ordinary	22,317	22,317
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	303.81	Ordinary	13	13
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	311.83	Ordinary	2,299	2,299
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	303.81	Ordinary	10,500	10,500
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	303.81	Ordinary	8,400	8,400
12-Mar-2020	Vanguard Investments Australia Ltd.	SELL	280.51	Ordinary	(2,399)	(2,399)
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	280.51	Ordinary	540	540
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	280.51	Ordinary	12,600	12,600
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	280.51	Ordinary	7,140	7,140
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	280.51	Ordinary	45,238	45,238
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	313.83	Ordinary	16,293	16,293
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	313.83	Ordinary	(391)	(391)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	313.83	Ordinary	(5,358)	(5,358)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	313.83	Ordinary	(250)	(250)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	313.83	Ordinary	(161)	(161)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	313.83	Ordinary	(2,247)	(2,247)
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	313.83	Ordinary	12,600	12,600
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	313.83	Ordinary	27,443	27,443
16-Mar-2020	Vanguard Investments Australia Ltd.	SELL	281.34	Ordinary	(1,167)	(1,167)
16-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.34	Ordinary	14,700	14,700
17-Mar-2020	Vanguard Investments Australia Ltd.	SELL	296.90	Ordinary	(6,726)	(6,726)
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	285.77	Ordinary	1,630	1,630
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	296.90	Ordinary	540	540
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	296.90	Ordinary	10,475	10,475
18-Mar-2020	Vanguard Investments Australia Ltd.	SELL	271.40	Ordinary	(2,768)	(2,768)
18-Mar-2020	Vanguard Investments Australia Ltd.	SELL	271.40	Ordinary	(6,501)	(6,501)
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	271.40	Ordinary	12,570	12,570
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	271.40	Ordinary	18,233	18,233
19-Mar-2020	Vanguard Investments Australia Ltd.	SELL	283.91	Ordinary	(1,132)	(1,132)
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	272.46	Ordinary	271	271
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	283.91	Ordinary	9,637	9,637
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	270.88	Ordinary	(1,157)	(1,157)
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	270.88	Ordinary	(710)	(710)
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	270.88	Ordinary	12,989	12,989
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	282.24	Ordinary	5,866	5,866
24-Mar-2020	Vanguard Investments Australia Ltd.	BUY	285.35	Ordinary	1,528	1,528
24-Mar-2020	Vanguard Investments Australia Ltd.	BUY	285.35	Ordinary	24	24
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	301.99	Ordinary	48	48
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	301.99	Ordinary	6,285	6,285
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	14,641	14,641
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	15	15
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	5,747	5,747
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	6	6
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	1,632	1,632
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	2	2
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	11,340	11,340
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	11	11
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	1,431	1,431
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	1	1
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	1,212	1,212
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	1	1
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	1,904	1,904
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	2	2
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	14,398	14,398
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	15	15
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	279.12	Ordinary	10,475	10,475
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	281.75	Ordinary	20,999	20,999
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	290.08	Ordinary	21	21
27-Mar-2020	Vanguard Investments Australia Ltd.	SELL	279.12	Ordinary	(11,313)	(11,313)
30-Mar-2020	Vanguard Investments Australia Ltd.	BUY	312.13	Ordinary	62,131	62,131
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	320.30	Ordinary	891	891
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	320.30	Ordinary	4,392	4,392
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	320.30	Ordinary	719	719
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	296.68	Ordinary	(42,598)	(42,598)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	296.68	Ordinary	1,080	1,080
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	296.68	Ordinary	(434)	(434)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	296.68	Ordinary	8,380	8,380
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	307.00	Ordinary	2,645	2,645
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	307.00	Ordinary	5,369	5,369
2-Apr-2020	Vanguard Investments Australia Ltd.	SELL	308.27	Ordinary	(297)	(297)
2-Apr-2020	Vanguard Investments Australia Ltd.	SELL	308.27	Ordinary	(154)	(154)
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	308.27	Ordinary	6,195	6,195
3-Apr-2020	Vanguard Investments Australia Ltd.	SELL	304.11	Ordinary	(3,042)	(3,042)
3-Apr-2020	Vanguard Investments Australia Ltd.	SELL	304.11	Ordinary	(3,000)	(3,000)
3-Apr-2020	Vanguard Investments Australia Ltd.	BUY	304.11	Ordinary	3,400	3,400
6-Apr-2020	Vanguard Investments Australia Ltd.	BUY	319.90	Ordinary	57	57
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	311.99	Ordinary	1,535	1,535
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	311.99	Ordinary	14,420	14,420
8-Apr-2020	Vanguard Investments Australia Ltd.	SELL	311.94	Ordinary	(33)	(33)
8-Apr-2020	Vanguard Investments Australia Ltd.	BUY	311.94	Ordinary	35	35
8-Apr-2020	Vanguard Investments Australia Ltd.	BUY	311.94	Ordinary	5,600	5,600
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	329.00	Ordinary	(25,243)	(25,243)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	323.06	Ordinary	4,470	4,470
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	329.00	Ordinary	1,064	1,064
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	329.00	Ordinary	14,008	14,008
14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	325.97	Ordinary	(23,058)	(23,058)
14-Apr-2020	Vanguard Investments Australia Ltd.	BUY	325.97	Ordinary	311	311
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	324.15	Ordinary	8,240	8,240
16-Apr-2020	Vanguard Investments Australia Ltd.	BUY	318.00	Ordinary	346	346
16-Apr-2020	Vanguard Investments Australia Ltd.	BUY	318.00	Ordinary	1,813	1,813
16-Apr-2020	Vanguard Investments Australia Ltd.	BUY	318.00	Ordinary	283	283
20-Apr-2020	Vanguard Investments Australia Ltd.	SELL	315.81	Ordinary	(484)	(484)
20-Apr-2020	Vanguard Investments Australia Ltd.	SELL	315.81	Ordinary	(100)	(100)
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	314.49	Ordinary	1,734	1,734
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	306.69	Ordinary	8,240	8,240
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	306.69	Ordinary	7,004	7,004
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	313.05	Ordinary	34	34
22-Apr-2020	Vanguard Investments Australia Ltd.	SELL	313.10	Ordinary	(49,130)	(49,130)
23-Apr-2020	Vanguard Investments Australia Ltd.	SELL	306.19	Ordinary	(52,256)	(52,256)
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	306.67	Ordinary	6,180	6,180
24-Apr-2020	Vanguard Investments Australia Ltd.	SELL	313.75	Ordinary	(3,003)	(3,003)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	320.20	Ordinary	(901)	(901)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	320.20	Ordinary	(80)	(80)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	320.20	Ordinary	(287)	(287)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	320.20	Ordinary	(144)	(144)
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	320.20	Ordinary	7,416	7,416
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	315.60	Ordinary	(337)	(337)
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	315.60	Ordinary	(2,604)	(2,604)
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	309.44	Ordinary	(2,272)	(2,272)
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	309.44	Ordinary	(5,843)	(5,843)
1-May-2020	Vanguard Investments Australia Ltd.	BUY	298.76	Ordinary	46	46
1-May-2020	Vanguard Investments Australia Ltd.	SELL	298.76	Ordinary	(4,252)	(4,252)
1-May-2020	Vanguard Investments Australia Ltd.	SELL	298.76	Ordinary	(675)	(675)
1-May-2020	Vanguard Investments Australia Ltd.	SELL	298.76	Ordinary	(129)	(129)
1-May-2020	Vanguard Investments Australia Ltd.	BUY	298.76	Ordinary	6,180	6,180
1-May-2020	Vanguard Investments Australia Ltd.	BUY	298.76	Ordinary	8,240	8,240
4-May-2020	Vanguard Investments Australia Ltd.	BUY	307.38	Ordinary	11,536	11,536
5-May-2020	Vanguard Investments Australia Ltd.	SELL	305.72	Ordinary	(34)	(34)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	305.72	Ordinary	(2,883)	(2,883)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	305.72	Ordinary	(474)	(474)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	305.72	Ordinary	(522)	(522)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	305.72	Ordinary	(771)	(771)
8-May-2020	Vanguard Investments Australia Ltd.	BUY	301.18	Ordinary	410	410
12-May-2020	Vanguard Investments Australia Ltd.	BUY	307.61	Ordinary	527	527
12-May-2020	Vanguard Investments Australia Ltd.	BUY	307.61	Ordinary	5,740	5,740
13-May-2020	Vanguard Investments Australia Ltd.	BUY	310.00	Ordinary	6,150	6,150
14-May-2020	Vanguard Investments Australia Ltd.	BUY	307.25	Ordinary	567	567
14-May-2020	Vanguard Investments Australia Ltd.	BUY	307.25	Ordinary	3,477	3,477
14-May-2020	Vanguard Investments Australia Ltd.	BUY	307.25	Ordinary	554	554
15-May-2020	Vanguard Investments Australia Ltd.	BUY	301.84	Ordinary	1,054	1,054
19-May-2020	Vanguard Investments Australia Ltd.	SELL	303.01	Ordinary	(38)	(38)
19-May-2020	Vanguard Investments Australia Ltd.	BUY	303.01	Ordinary	8,200	8,200
20-May-2020	Vanguard Investments Australia Ltd.	BUY	300.96	Ordinary	6,560	6,560
22-May-2020	Vanguard Investments Australia Ltd.	BUY	290.93	Ordinary	4,920	4,920

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25-May-2020	Vanguard Investments Australia Ltd.	BUY	298.27	Ordinary	1,238	1,238
25-May-2020	Vanguard Investments Australia Ltd.	BUY	298.27	Ordinary	4,100	4,100
26-May-2020	Vanguard Investments Australia Ltd.	SELL	307.63	Ordinary	(3,254)	(3,254)
26-May-2020	Vanguard Investments Australia Ltd.	BUY	307.45	Ordinary	51,114	51,114
26-May-2020	Vanguard Investments Australia Ltd.	BUY	307.63	Ordinary	6,150	6,150
27-May-2020	Vanguard Investments Australia Ltd.	SELL	288.00	Ordinary	(2,500)	(2,500)
27-May-2020	Vanguard Investments Australia Ltd.	BUY	288.00	Ordinary	49,774	49,774
28-May-2020	Vanguard Investments Australia Ltd.	SELL	287.51	Ordinary	(47)	(47)
28-May-2020	Vanguard Investments Australia Ltd.	SELL	287.51	Ordinary	(318)	(318)
28-May-2020	Vanguard Investments Australia Ltd.	BUY	287.51	Ordinary	1,054	1,054
28-May-2020	Vanguard Investments Australia Ltd.	SELL	287.51	Ordinary	(21,223)	(21,223)
29-May-2020	Vanguard Investments Australia Ltd.	SELL	286.70	Ordinary	(1,060)	(1,060)
29-May-2020	Vanguard Investments Australia Ltd.	SELL	286.70	Ordinary	(127)	(127)
29-May-2020	Vanguard Investments Australia Ltd.	SELL	276.22	Ordinary	(1,882)	(1,882)
29-May-2020	Vanguard Investments Australia Ltd.	SELL	276.22	Ordinary	(4,729)	(4,729)
29-May-2020	Vanguard Investments Australia Ltd.	BUY	277.89	Ordinary	2,311	2,311
29-May-2020	Vanguard Investments Australia Ltd.	BUY	276.22	Ordinary	6,150	6,150
1-Jun-2020	Vanguard Investments Australia Ltd.	SELL	283.28	Ordinary	(38)	(38)
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	284.73	Ordinary	(669)	(669)
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	284.73	Ordinary	(3,789)	(3,789)
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	284.73	Ordinary	(314)	(314)
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	284.73	Ordinary	(4,709)	(4,709)
4-Jun-2020	Vanguard Investments Australia Ltd.	SELL	294.23	Ordinary	(12,051)	(12,051)
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	285.33	Ordinary	6,135	6,135
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	285.33	Ordinary	4,908	4,908
5-Jun-2020	Vanguard Investments Australia Ltd.	SELL	285.33	Ordinary	(7,396)	(7,396)
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	289.99	Ordinary	1,715	1,715
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	285.69	Ordinary	(2,728)	(2,728)
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	285.69	Ordinary	(10,587)	(10,587)
11-Jun-2020	Vanguard Investments Australia Ltd.	SELL	284.82	Ordinary	(710)	(710)
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	284.82	Ordinary	317	317
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	284.82	Ordinary	1,110	1,110
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	284.82	Ordinary	6,135	6,135
12-Jun-2020	Vanguard Investments Australia Ltd.	BUY	284.32	Ordinary	561	561
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	278.79	Ordinary	8,180	8,180
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	284.01	Ordinary	4,090	4,090
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	287.16	Ordinary	6,135	6,135
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(7,403)	(7,403)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(49)	(49)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(3,434)	(3,434)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(2,421)	(2,421)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(3,358)	(3,358)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(797)	(797)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(755)	(755)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(846)	(846)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(10,903)	(10,903)
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	288.25	Ordinary	818	818
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	287.81	Ordinary	(4,851)	(4,851)
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	289.21	Ordinary	(988)	(988)
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	289.21	Ordinary	(6,885)	(6,885)
24-Jun-2020	Vanguard Investments Australia Ltd.	SELL	292.36	Ordinary	(1,497)	(1,497)
24-Jun-2020	Vanguard Investments Australia Ltd.	BUY	292.36	Ordinary	1,377	1,377
25-Jun-2020	Vanguard Investments Australia Ltd.	SELL	294.00	Ordinary	(1,010)	(1,010)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	294.00	Ordinary	9,315	9,315
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	292.74	Ordinary	(789)	(789)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	292.74	Ordinary	(26)	(26)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	292.74	Ordinary	(160)	(160)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	292.74	Ordinary	(2,284)	(2,284)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	292.74	Ordinary	(2,625)	(2,625)
29-Jun-2020	Vanguard Investments Australia Ltd.	BUY	289.56	Ordinary	251	251
30-Jun-2020	Vanguard Investments Australia Ltd.	SELL	288.27	Ordinary	(4,305)	(4,305)
1-Jul-2020	Vanguard Investments Australia Ltd.	SELL	284.36	Ordinary	(3,833)	(3,833)
3-Jul-2020	Vanguard Investments Australia Ltd.	SELL	297.46	Ordinary	(2,261)	(2,261)
6-Jul-2020	Vanguard Investments Australia Ltd.	SELL	290.81	Ordinary	(18)	(18)
7-Jul-2020	Vanguard Investments Australia Ltd.	SELL	290.08	Ordinary	(11,658)	(11,658)
8-Jul-2020	Vanguard Investments Australia Ltd.	SELL	280.50	Ordinary	(301,846)	(301,846)
10-Jul-2020	Vanguard Investments Australia Ltd.	BUY	282.37	Ordinary	554	554
10-Jul-2020	Vanguard Investments Australia Ltd.	BUY	282.37	Ordinary	1,208	1,208

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
13-Jul-2020	Vanguard Investments Australia Ltd.	BUY	281.43	Ordinary	1,108	1,108
14-Jul-2020	Vanguard Investments Australia Ltd.	SELL	278.90	Ordinary	(1,621)	(1,621)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	281.36	Ordinary	(1,662)	(1,662)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	281.36	Ordinary	(3,636)	(3,636)
20-Jul-2020	Vanguard Investments Australia Ltd.	SELL	282.70	Ordinary	(1,586)	(1,586)
21-Jul-2020	Vanguard Investments Australia Ltd.	SELL	293.35	Ordinary	(1,562)	(1,562)
24-Jul-2020	Vanguard Investments Australia Ltd.	SELL	277.02	Ordinary	(1,885)	(1,885)
24-Jul-2020	Vanguard Investments Australia Ltd.	BUY	277.02	Ordinary	10,500	10,500
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	272.20	Ordinary	2,221	2,221
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	274.45	Ordinary	5,239	5,239
31-Jul-2020	Vanguard Investments Australia Ltd.	BUY	270.10	Ordinary	6,701	6,701
31-Jul-2020	Vanguard Investments Australia Ltd.	BUY	270.10	Ordinary	6,959	6,959
3-Aug-2020	Vanguard Investments Australia Ltd.	BUY	277.15	Ordinary	3,594	3,594
5-Aug-2020	Vanguard Investments Australia Ltd.	SELL	278.14	Ordinary	(3,973)	(3,973)
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	278.15	Ordinary	6,045	6,045
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	274.19	Ordinary	8,060	8,060
11-Aug-2020	Vanguard Investments Australia Ltd.	SELL	280.98	Ordinary	(30)	(30)
12-Aug-2020	Vanguard Investments Australia Ltd.	SELL	281.71	Ordinary	(701)	(701)
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	281.71	Ordinary	7,118	7,118
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	281.71	Ordinary	15,368	15,368
13-Aug-2020	Vanguard Investments Australia Ltd.	BUY	277.79	Ordinary	3,372	3,372
13-Aug-2020	Vanguard Investments Australia Ltd.	SELL	277.10	Ordinary	(101)	(101)
17-Aug-2020	Vanguard Investments Australia Ltd.	SELL	281.02	Ordinary	(3,229)	(3,229)
18-Aug-2020	Vanguard Investments Australia Ltd.	SELL	283.21	Ordinary	(418)	(418)
18-Aug-2020	Vanguard Investments Australia Ltd.	SELL	283.21	Ordinary	(2,094)	(2,094)
18-Aug-2020	Vanguard Investments Australia Ltd.	SELL	283.21	Ordinary	(329)	(329)
19-Aug-2020	Vanguard Investments Australia Ltd.	SELL	312.05	Ordinary	(34)	(34)
20-Aug-2020	Vanguard Investments Australia Ltd.	SELL	300.00	Ordinary	(1,941)	(1,941)
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	289.90	Ordinary	20	20
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	289.90	Ordinary	6,075	6,075
26-Aug-2020	Vanguard Investments Australia Ltd.	BUY	290.97	Ordinary	19	19
31-Aug-2020	Vanguard Investments Australia Ltd.	SELL	286.30	Ordinary	(578)	(578)
31-Aug-2020	Vanguard Investments Australia Ltd.	SELL	286.30	Ordinary	(4,677)	(4,677)
1-Sep-2020	Vanguard Investments Australia Ltd.	SELL	281.68	Ordinary	(3,035)	(3,035)
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	281.68	Ordinary	6,480	6,480
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	281.68	Ordinary	949	949
2-Sep-2020	Vanguard Investments Australia Ltd.	SELL	287.20	Ordinary	(2,526)	(2,526)
3-Sep-2020	Vanguard Investments Australia Ltd.	SELL	290.95	Ordinary	(491)	(491)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	279.05	Ordinary	(2,604)	(2,604)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	279.05	Ordinary	(471)	(471)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	279.05	Ordinary	(3,010)	(3,010)
4-Sep-2020	Vanguard Investments Australia Ltd.	BUY	279.05	Ordinary	1,458	1,458
7-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.13	Ordinary	(679)	(679)
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	282.13	Ordinary	5,278	5,278
8-Sep-2020	Vanguard Investments Australia Ltd.	BUY	285.00	Ordinary	1,152	1,152
9-Sep-2020	Vanguard Investments Australia Ltd.	SELL	281.00	Ordinary	(3,425)	(3,425)
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	281.00	Ordinary	7,326	7,326
10-Sep-2020	Vanguard Investments Australia Ltd.	BUY	282.00	Ordinary	415	415
15-Sep-2020	Vanguard Investments Australia Ltd.	BUY	286.87	Ordinary	57	57
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	291.18	Ordinary	2,035	2,035
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(14,677)	(14,677)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(49)	(49)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(5,617)	(5,617)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(5,059)	(5,059)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(4,600)	(4,600)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(1,464)	(1,464)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(1,343)	(1,343)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(1,932)	(1,932)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(15,031)	(15,031)
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	282.62	Ordinary	3,256	3,256
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	282.62	Ordinary	2,035	2,035
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	282.62	Ordinary	1,293	1,293
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	282.73	Ordinary	(1,823)	(1,823)
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	283.25	Ordinary	1,206	1,206
24-Sep-2020	Vanguard Investments Australia Ltd.	BUY	296.48	Ordinary	2,151	2,151
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	296.71	Ordinary	4,020	4,020
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	295.54	Ordinary	1,206	1,206
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	287.00	Ordinary	21,184	21,184

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30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	287.00	Ordinary	4,020	4,020
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	285.18	Ordinary	90	90
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	285.18	Ordinary	5,043	5,043
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	285.18	Ordinary	6,591	6,591
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	285.18	Ordinary	1,888	1,888
5-Oct-2020	Vanguard Investments Australia Ltd.	BUY	289.21	Ordinary	5,985	5,985
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	2,316	2,316
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	1,177	1,177
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	332	332
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	435	435
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	5,523	5,523
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	287.00	Ordinary	3,990	3,990
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	2,903	2,903
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	287.00	Ordinary	310	310
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	286.73	Ordinary	204	204
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	1,588	1,588
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	808	808
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	228	228
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	299	299
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	3,789	3,789
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	1,992	1,992
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	288.47	Ordinary	139	139
8-Oct-2020	Vanguard Investments Australia Ltd.	SELL	294.87	Ordinary	(7,398)	(7,398)
8-Oct-2020	Vanguard Investments Australia Ltd.	SELL	294.87	Ordinary	(43,844)	(43,844)
8-Oct-2020	Vanguard Investments Australia Ltd.	SELL	294.87	Ordinary	(7,418)	(7,418)
12-Oct-2020	Vanguard Investments Australia Ltd.	BUY	296.67	Ordinary	724	724
13-Oct-2020	Vanguard Investments Australia Ltd.	BUY	298.23	Ordinary	3,980	3,980
13-Oct-2020	Vanguard Investments Australia Ltd.	SELL	298.24	Ordinary	(2,187)	(2,187)
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	304.13	Ordinary	(541)	(541)
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	304.13	Ordinary	(26,859)	(26,859)
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	301.04	Ordinary	22,686	22,686
22-Oct-2020	Vanguard Investments Australia Ltd.	BUY	296.34	Ordinary	167	167
23-Oct-2020	Vanguard Investments Australia Ltd.	BUY	294.82	Ordinary	3,980	3,980
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	291.96	Ordinary	37,900	37,900
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	294.43	Ordinary	(6,165)	(6,165)
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	294.43	Ordinary	(1,859)	(1,859)
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	294.43	Ordinary	(8,372)	(8,372)
28-Oct-2020	Vanguard Investments Australia Ltd.	BUY	294.43	Ordinary	3,980	3,980
29-Oct-2020	Vanguard Investments Australia Ltd.	SELL	291.50	Ordinary	(4,650)	(4,650)
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	291.50	Ordinary	2,612	2,612
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	291.50	Ordinary	1,168	1,168
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	291.50	Ordinary	6,667	6,667
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	291.50	Ordinary	3,670	3,670
30-Oct-2020	Vanguard Investments Australia Ltd.	SELL	290.25	Ordinary	(47)	(47)
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	287.56	Ordinary	1,939	1,939
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	289.42	Ordinary	19,991	19,991
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	289.42	Ordinary	8,934	8,934
30-Oct-2020	Vanguard Investments Australia Ltd.	SELL	287.56	Ordinary	(1,115)	(1,115)
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	287.56	Ordinary	9,678	9,678
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	285.94	Ordinary	4,919	4,919
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	286.51	Ordinary	997	997
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	286.51	Ordinary	1,577	1,577
3-Nov-2020	Vanguard Investments Australia Ltd.	BUY	291.99	Ordinary	3,980	3,980
3-Nov-2020	Vanguard Investments Australia Ltd.	SELL	291.99	Ordinary	(6,644)	(6,644)
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	291.58	Ordinary	5,970	5,970
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	291.58	Ordinary	566	566
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	295.41	Ordinary	7,642	7,642
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	295.41	Ordinary	1,064	1,064
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	301.63	Ordinary	796	796
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	304.92	Ordinary	(24)	(24)
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	304.92	Ordinary	(1,892)	(1,892)
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	304.92	Ordinary	(1,754)	(1,754)
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	304.60	Ordinary	6,766	6,766
10-Nov-2020	Vanguard Investments Australia Ltd.	SELL	304.60	Ordinary	(3,063)	(3,063)
11-Nov-2020	Vanguard Investments Australia Ltd.	SELL	306.54	Ordinary	(6,570)	(6,570)
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	309.46	Ordinary	25	25
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	309.46	Ordinary	6,766	6,766
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	309.46	Ordinary	21,094	21,094

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17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	311.37	Ordinary	3,980	3,980
17-Nov-2020	Vanguard Investments Australia Ltd.	SELL	311.37	Ordinary	(7,951)	(7,951)
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	313.53	Ordinary	734	734
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	313.53	Ordinary	1,468	1,468
23-Nov-2020	Vanguard Investments Australia Ltd.	SELL	316.68	Ordinary	(3,752)	(3,752)
23-Nov-2020	Vanguard Investments Australia Ltd.	BUY	317.33	Ordinary	77	77
23-Nov-2020	Vanguard Investments Australia Ltd.	BUY	316.68	Ordinary	4,776	4,776
25-Nov-2020	Vanguard Investments Australia Ltd.	BUY	310.61	Ordinary	11,542	11,542
26-Nov-2020	Vanguard Investments Australia Ltd.	SELL	307.04	Ordinary	(15,494)	(15,494)
26-Nov-2020	Vanguard Investments Australia Ltd.	SELL	307.04	Ordinary	(2,437)	(2,437)
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	307.04	Ordinary	61,176	61,176
27-Nov-2020	Vanguard Investments Australia Ltd.	SELL	303.00	Ordinary	(1,901)	(1,901)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	300.15	Ordinary	(4,332)	(4,332)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	300.15	Ordinary	(7,156)	(7,156)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	300.15	Ordinary	(2,835)	(2,835)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	300.15	Ordinary	(1,892)	(1,892)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	300.15	Ordinary	(1,188)	(1,188)
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	301.60	Ordinary	48	48
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	299.75	Ordinary	5,970	5,970
2-Dec-2020	Vanguard Investments Australia Ltd.	BUY	296.26	Ordinary	6,368	6,368
3-Dec-2020	Vanguard Investments Australia Ltd.	SELL	294.13	Ordinary	(40)	(40)
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	294.13	Ordinary	72,639	72,639
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	294.13	Ordinary	367	367
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	294.13	Ordinary	1,095	1,095
4-Dec-2020	Vanguard Investments Australia Ltd.	BUY	293.80	Ordinary	3,980	3,980
7-Dec-2020	Vanguard Investments Australia Ltd.	SELL	295.00	Ordinary	(1,129)	(1,129)
9-Dec-2020	Vanguard Investments Australia Ltd.	BUY	304.14	Ordinary	242	242
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	291.53	Ordinary	5,174	5,174
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	291.53	Ordinary	1,101	1,101
15-Dec-2020	Vanguard Investments Australia Ltd.	BUY	289.84	Ordinary	3,980	3,980
16-Dec-2020	Vanguard Investments Australia Ltd.	BUY	286.95	Ordinary	3,980	3,980
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	288.16	Ordinary	5,174	5,174
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	289.31	Ordinary	(621)	(621)
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	289.31	Ordinary	(40)	(40)
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	288.98	Ordinary	1,598	1,598
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	289.33	Ordinary	4,088	4,088
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	289.33	Ordinary	17,828	17,828
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	289.33	Ordinary	61	61
22-Dec-2020	Vanguard Investments Australia Ltd.	BUY	288.67	Ordinary	7,960	7,960
23-Dec-2020	Vanguard Investments Australia Ltd.	BUY	291.20	Ordinary	503	503
31-Dec-2020	Vanguard Investments Australia Ltd.	SELL	283.20	Ordinary	(158)	(158)
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	285.00	Ordinary	50	50
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	285.00	Ordinary	3,960	3,960
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	285.00	Ordinary	11,000	11,000
5-Jan-2021	Vanguard Investments Australia Ltd.	SELL	285.62	Ordinary	(1,402)	(1,402)
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	278.38	Ordinary	4,740	4,740
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	278.38	Ordinary	268	268
12-Jan-2021	Vanguard Investments Australia Ltd.	BUY	273.07	Ordinary	801	801
14-Jan-2021	Vanguard Investments Australia Ltd.	BUY	271.00	Ordinary	6,320	6,320
15-Jan-2021	Vanguard Investments Australia Ltd.	SELL	267.26	Ordinary	(2,357)	(2,357)
15-Jan-2021	Vanguard Investments Australia Ltd.	SELL	267.26	Ordinary	(226)	(226)
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	271.14	Ordinary	1,975	1,975
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	271.14	Ordinary	7,466	7,466
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	270.93	Ordinary	730	730
21-Jan-2021	Vanguard Investments Australia Ltd.	BUY	270.80	Ordinary	785	785
25-Jan-2021	Vanguard Investments Australia Ltd.	SELL	275.54	Ordinary	(2,627)	(2,627)
27-Jan-2021	Vanguard Investments Australia Ltd.	SELL	275.19	Ordinary	(1,619)	(1,619)
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	266.90	Ordinary	5,122	5,122
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	266.90	Ordinary	18,254	18,254
29-Jan-2021	Vanguard Investments Australia Ltd.	SELL	271.72	Ordinary	(7,300)	(7,300)
2-Feb-2021	Vanguard Investments Australia Ltd.	BUY	274.33	Ordinary	5,516	5,516
3-Feb-2021	Vanguard Investments Australia Ltd.	SELL	280.26	Ordinary	(34)	(34)
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	280.26	Ordinary	730	730
4-Feb-2021	Vanguard Investments Australia Ltd.	BUY	275.36	Ordinary	884	884
5-Feb-2021	Vanguard Investments Australia Ltd.	SELL	276.33	Ordinary	(785)	(785)
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.33	Ordinary	3,545	3,545
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.33	Ordinary	1,185	1,185
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.33	Ordinary	1,996	1,996

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10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.10	Ordinary	5,122	5,122
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.10	Ordinary	2,583	2,583
11-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.70	Ordinary	2,758	2,758
12-Feb-2021	Vanguard Investments Australia Ltd.	BUY	276.76	Ordinary	4,292	4,292
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	285.84	Ordinary	23	23
16-Feb-2021	Vanguard Investments Australia Ltd.	SELL	285.84	Ordinary	(890)	(890)
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	285.84	Ordinary	485	485
17-Feb-2021	Vanguard Investments Australia Ltd.	BUY	281.17	Ordinary	580	580
18-Feb-2021	Vanguard Investments Australia Ltd.	SELL	289.00	Ordinary	(2,705)	(2,705)
18-Feb-2021	Vanguard Investments Australia Ltd.	SELL	289.00	Ordinary	(17)	(17)
19-Feb-2021	Vanguard Investments Australia Ltd.	BUY	274.44	Ordinary	10,163	10,163
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	267.79	Ordinary	(20)	(20)
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	267.79	Ordinary	(105,851)	(105,851)
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	267.79	Ordinary	3,960	3,960
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	262.59	Ordinary	(1,963)	(1,963)
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	262.59	Ordinary	59	59
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	263.03	Ordinary	(1,362)	(1,362)
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	263.03	Ordinary	(1,113)	(1,113)
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	263.03	Ordinary	(246)	(246)
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	262.59	Ordinary	(863)	(863)
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	262.59	Ordinary	57	57
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	262.59	Ordinary	3,960	3,960
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	262.59	Ordinary	8,893	8,893
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	267.00	Ordinary	7,940	7,940
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	267.00	Ordinary	626	626
4-Mar-2021	Vanguard Investments Australia Ltd.	BUY	255.83	Ordinary	300	300
5-Mar-2021	Vanguard Investments Australia Ltd.	SELL	248.58	Ordinary	(1,528)	(1,528)
5-Mar-2021	Vanguard Investments Australia Ltd.	BUY	248.58	Ordinary	3,990	3,990
8-Mar-2021	Vanguard Investments Australia Ltd.	SELL	246.00	Ordinary	(1,942)	(1,942)
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	246.00	Ordinary	1,104	1,104
9-Mar-2021	Vanguard Investments Australia Ltd.	SELL	250.16	Ordinary	(2,290)	(2,290)
9-Mar-2021	Vanguard Investments Australia Ltd.	BUY	250.16	Ordinary	1,197	1,197
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	252.21	Ordinary	4,788	4,788
15-Mar-2021	Vanguard Investments Australia Ltd.	BUY	255.85	Ordinary	296	296
16-Mar-2021	Vanguard Investments Australia Ltd.	BUY	261.81	Ordinary	388	388
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	261.00	Ordinary	3,990	3,990
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(8,300)	(8,300)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(21)	(21)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(3,191)	(3,191)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(2,705)	(2,705)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(603)	(603)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(4,359)	(4,359)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	253.95	Ordinary	(3,896)	(3,896)
23-Mar-2021	Vanguard Investments Australia Ltd.	BUY	260.94	Ordinary	2,452	2,452
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	262.66	Ordinary	4,367	4,367
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	262.66	Ordinary	5,161	5,161
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	264.65	Ordinary	(15,744)	(15,744)
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	264.65	Ordinary	(9,923)	(9,923)
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	264.65	Ordinary	(201)	(201)
31-Mar-2021	Vanguard Investments Australia Ltd.	BUY	264.65	Ordinary	688	688
1-Apr-2021	Vanguard Investments Australia Ltd.	IN SPECIE	263.00	Ordinary	(813,152)	(813,152)
1-Apr-2021	Vanguard Investments Australia Ltd.	BUY	262.38	Ordinary	1,907	1,907
1-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.00	Ordinary	4,388	4,388
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.60	Ordinary	33	33
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.60	Ordinary	2,182	2,182
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.60	Ordinary	1,045	1,045
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.60	Ordinary	13,723	13,723
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.60	Ordinary	1,179	1,179
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	264.93	Ordinary	1,379	1,379
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	264.93	Ordinary	6,905	6,905
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	264.93	Ordinary	1,697	1,697
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	262.99	Ordinary	4,716	4,716
8-Apr-2021	Vanguard Investments Australia Ltd.	SELL	265.94	Ordinary	(1,080)	(1,080)
8-Apr-2021	Vanguard Investments Australia Ltd.	BUY	265.94	Ordinary	1,422	1,422
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.40	Ordinary	4,716	4,716
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.40	Ordinary	8,646	8,646
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.40	Ordinary	3,420	3,420
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.40	Ordinary	1,026	1,026

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-Apr-2021	Vanguard Investments Australia Ltd.	BUY	267.80	Ordinary	1,026	1,026
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	267.80	Ordinary	342	342
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	267.80	Ordinary	684	684
19-Apr-2021	Vanguard Investments Australia Ltd.	BUY	268.30	Ordinary	1,681	1,681
20-Apr-2021	Vanguard Investments Australia Ltd.	SELL	263.95	Ordinary	(61)	(61)
20-Apr-2021	Vanguard Investments Australia Ltd.	SELL	263.95	Ordinary	(1,681)	(1,681)
20-Apr-2021	Vanguard Investments Australia Ltd.	BUY	263.95	Ordinary	7,840	7,840
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	267.95	Ordinary	248	248
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	267.95	Ordinary	5,697	5,697
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	267.95	Ordinary	7,339	7,339
27-Apr-2021	Vanguard Investments Australia Ltd.	BUY	268.37	Ordinary	8,975	8,975
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	271.01	Ordinary	8,892	8,892
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	271.01	Ordinary	837	837
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	273.49	Ordinary	4,323	4,323
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	273.49	Ordinary	1,368	1,368
30-Apr-2021	Vanguard Investments Australia Ltd.	SELL	271.15	Ordinary	(3,770)	(3,770)
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	271.15	Ordinary	4,832	4,832
3-May-2021	Vanguard Investments Australia Ltd.	SELL	270.95	Ordinary	(567)	(567)
3-May-2021	Vanguard Investments Australia Ltd.	BUY	270.95	Ordinary	3,940	3,940
3-May-2021	Vanguard Investments Australia Ltd.	BUY	270.95	Ordinary	1,026	1,026
4-May-2021	Vanguard Investments Australia Ltd.	BUY	271.21	Ordinary	1,080	1,080
5-May-2021	Vanguard Investments Australia Ltd.	BUY	277.66	Ordinary	1,080	1,080
5-May-2021	Vanguard Investments Australia Ltd.	BUY	277.66	Ordinary	1,262	1,262
6-May-2021	Vanguard Investments Australia Ltd.	BUY	276.89	Ordinary	5,910	5,910
7-May-2021	Vanguard Investments Australia Ltd.	BUY	274.51	Ordinary	18,113	18,113
7-May-2021	Vanguard Investments Australia Ltd.	BUY	274.51	Ordinary	342	342
10-May-2021	Vanguard Investments Australia Ltd.	BUY	275.36	Ordinary	342	342
11-May-2021	Vanguard Investments Australia Ltd.	BUY	274.34	Ordinary	72	72
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	775	775
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	4,283	4,283
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	958	958
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	257	257
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	1,224	1,224
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	3,818	3,818
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	1,029	1,029
13-May-2021	Vanguard Investments Australia Ltd.	BUY	277.51	Ordinary	686	686
14-May-2021	Vanguard Investments Australia Ltd.	BUY	278.14	Ordinary	2,303	2,303
14-May-2021	Vanguard Investments Australia Ltd.	BUY	277.68	Ordinary	5,530	5,530
17-May-2021	Vanguard Investments Australia Ltd.	SELL	276.57	Ordinary	(4,375)	(4,375)
17-May-2021	Vanguard Investments Australia Ltd.	BUY	276.57	Ordinary	394	394
17-May-2021	Vanguard Investments Australia Ltd.	BUY	276.57	Ordinary	97	97
17-May-2021	Vanguard Investments Australia Ltd.	BUY	276.57	Ordinary	1,363	1,363
17-May-2021	Vanguard Investments Australia Ltd.	BUY	276.57	Ordinary	186	186
17-May-2021	Vanguard Investments Australia Ltd.	BUY	276.57	Ordinary	4,752	4,752
17-May-2021	Vanguard Investments Australia Ltd.	BUY	276.57	Ordinary	5,839	5,839
18-May-2021	Vanguard Investments Australia Ltd.	BUY	277.21	Ordinary	5,145	5,145
19-May-2021	Vanguard Investments Australia Ltd.	BUY	274.45	Ordinary	5,148	5,148
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	278.16	Ordinary	(1,641,041)	(1,641,041)
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	278.16	Ordinary	(13,998)	(13,998)
20-May-2021	Vanguard Investments Australia Ltd.	BUY	278.16	Ordinary	1,029	1,029
20-May-2021	Vanguard Investments Australia Ltd.	BUY	278.17	Ordinary	682	682
21-May-2021	Vanguard Investments Australia Ltd.	BUY	284.30	Ordinary	7,900	7,900
21-May-2021	Vanguard Investments Australia Ltd.	BUY	284.30	Ordinary	343	343
21-May-2021	Vanguard Investments Australia Ltd.	BUY	284.30	Ordinary	2,401	2,401
25-May-2021	Vanguard Investments Australia Ltd.	BUY	291.96	Ordinary	4,752	4,752
26-May-2021	Vanguard Investments Australia Ltd.	BUY	288.86	Ordinary	343	343
26-May-2021	Vanguard Investments Australia Ltd.	BUY	288.87	Ordinary	1,139	1,139
27-May-2021	Vanguard Investments Australia Ltd.	SELL	288.77	Ordinary	(3,475)	(3,475)
27-May-2021	Vanguard Investments Australia Ltd.	SELL	288.77	Ordinary	(1,765)	(1,765)
27-May-2021	Vanguard Investments Australia Ltd.	BUY	288.61	Ordinary	1,109	1,109
31-May-2021	Vanguard Investments Australia Ltd.	BUY	290.21	Ordinary	13,895	13,895
3-Jun-2021	Vanguard Investments Australia Ltd.	BUY	287.01	Ordinary	343	343
8-Jun-2021	Vanguard Investments Australia Ltd.	SELL	295.19	Ordinary	(1,084)	(1,084)
8-Jun-2021	Vanguard Investments Australia Ltd.	BUY	295.19	Ordinary	4,740	4,740
9-Jun-2021	Vanguard Investments Australia Ltd.	BUY	294.11	Ordinary	4,740	4,740
15-Jun-2021	Vanguard Investments Australia Ltd.	BUY	301.72	Ordinary	343	343
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	305.78	Ordinary	(2,057)	(2,057)
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	305.52	Ordinary	(1,082)	(1,082)

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
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	305.78	Ordinary	(581)	(581)
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	305.78	Ordinary	(620)	(620)
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	300.52	Ordinary	3,960	3,960
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	300.52	Ordinary	1,584	1,584
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	294.25	Ordinary	(795,181)	(795,181)
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	294.25	Ordinary	(323,880)	(323,880)
23-Jun-2021	Vanguard Investments Australia Ltd.	BUY	294.25	Ordinary	678	678
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	286.61	Ordinary	678	678
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	286.61	Ordinary	2,053	2,053
28-Jun-2021	Vanguard Investments Australia Ltd.	SELL	288.42	Ordinary	(657)	(657)
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	289.87	Ordinary	4,764	4,764
30-Jun-2021	Vanguard Investments Australia Ltd.	SELL	285.19	Ordinary	(5,615)	(5,615)
1-Jul-2021	Vanguard Investments Australia Ltd.	BUY	283.50	Ordinary	1,545	1,545
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	284.19	Ordinary	1,975	1,975
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	284.19	Ordinary	11,507	11,507
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	284.19	Ordinary	1,017	1,017
6-Jul-2021	Vanguard Investments Australia Ltd.	BUY	277.24	Ordinary	8,514	8,514
7-Jul-2021	Vanguard Investments Australia Ltd.	BUY	281.16	Ordinary	5,530	5,530
8-Jul-2021	Vanguard Investments Australia Ltd.	BUY	279.14	Ordinary	5,228	5,228
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.47	Ordinary	3,541	3,541
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.47	Ordinary	5,530	5,530
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.47	Ordinary	6,715	6,715
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	279.06	Ordinary	4,238	4,238
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	279.06	Ordinary	593	593
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	279.06	Ordinary	2,480	2,480
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	279.52	Ordinary	2,720	2,720
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	279.52	Ordinary	1,360	1,360
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.12	Ordinary	12,101	12,101
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.12	Ordinary	110	110
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.12	Ordinary	154	154
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	275.12	Ordinary	22,903	22,903
16-Jul-2021	Vanguard Investments Australia Ltd.	BUY	277.72	Ordinary	3,829	3,829
19-Jul-2021	Vanguard Investments Australia Ltd.	BUY	282.74	Ordinary	1,975	1,975
19-Jul-2021	Vanguard Investments Australia Ltd.	SELL	282.74	Ordinary	(1,015)	(1,015)
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	286.48	Ordinary	7,025	7,025
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	286.48	Ordinary	4,740	4,740
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	286.48	Ordinary	174	174
20-Jul-2021	Vanguard Investments Australia Ltd.	SELL	286.48	Ordinary	(726)	(726)
22-Jul-2021	Vanguard Investments Australia Ltd.	BUY	289.24	Ordinary	5,367	5,367
22-Jul-2021	Vanguard Investments Australia Ltd.	BUY	289.24	Ordinary	2,340	2,340
23-Jul-2021	Vanguard Investments Australia Ltd.	BUY	293.48	Ordinary	4,740	4,740
26-Jul-2021	Vanguard Investments Australia Ltd.	SELL	292.71	Ordinary	(2,418)	(2,418)
27-Jul-2021	Vanguard Investments Australia Ltd.	IN SPECIE	292.10	Ordinary	(400,597)	(400,597)
28-Jul-2021	Vanguard Investments Australia Ltd.	BUY	289.53	Ordinary	90	90
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	291.02	Ordinary	2,531	2,531
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	291.02	Ordinary	556	556
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	291.02	Ordinary	341	341
30-Jul-2021	Vanguard Investments Australia Ltd.	BUY	288.91	Ordinary	154	154
2-Aug-2021	Vanguard Investments Australia Ltd.	BUY	294.35	Ordinary	138	138
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	294.31	Ordinary	7,336	7,336
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	294.31	Ordinary	5,530	5,530
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	294.31	Ordinary	206	206
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	294.31	Ordinary	76	76
5-Aug-2021	Vanguard Investments Australia Ltd.	BUY	293.79	Ordinary	1,023	1,023
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.93	Ordinary	12,994	12,994
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.93	Ordinary	1,364	1,364
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.93	Ordinary	356	356
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.93	Ordinary	409	409
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.93	Ordinary	4,527	4,527
9-Aug-2021	Vanguard Investments Australia Ltd.	BUY	296.87	Ordinary	4,740	4,740
9-Aug-2021	Vanguard Investments Australia Ltd.	BUY	296.87	Ordinary	556	556
10-Aug-2021	Vanguard Investments Australia Ltd.	BUY	295.13	Ordinary	616	616
11-Aug-2021	Vanguard Investments Australia Ltd.	SELL	293.25	Ordinary	(1,013)	(1,013)
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	290.64	Ordinary	12,641	12,641
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	290.64	Ordinary	116	116
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	290.64	Ordinary	557	557
12-Aug-2021	Vanguard Investments Australia Ltd.	SELL	290.64	Ordinary	(334)	(334)
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	290.64	Ordinary	2,932	2,932

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13-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.53	Ordinary	179	179
13-Aug-2021	Vanguard Investments Australia Ltd.	SELL	297.53	Ordinary	(507)	(507)
16-Aug-2021	Vanguard Investments Australia Ltd.	BUY	297.49	Ordinary	7,920	7,920
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	293.56	Ordinary	7,940	7,940
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	293.56	Ordinary	3,176	3,176
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	293.56	Ordinary	981	981
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	293.56	Ordinary	1,026	1,026
19-Aug-2021	Vanguard Investments Australia Ltd.	BUY	302.83	Ordinary	4,135	4,135
19-Aug-2021	Vanguard Investments Australia Ltd.	BUY	302.83	Ordinary	5,161	5,161
19-Aug-2021	Vanguard Investments Australia Ltd.	BUY	302.83	Ordinary	118	118
20-Aug-2021	Vanguard Investments Australia Ltd.	BUY	306.10	Ordinary	3,410	3,410
20-Aug-2021	Vanguard Investments Australia Ltd.	BUY	306.10	Ordinary	1,985	1,985
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	306.65	Ordinary	4,736	4,736
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	306.65	Ordinary	149	149
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	306.65	Ordinary	684	684
24-Aug-2021	Vanguard Investments Australia Ltd.	BUY	308.55	Ordinary	559	559
24-Aug-2021	Vanguard Investments Australia Ltd.	BUY	308.55	Ordinary	124	124
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	312.51	Ordinary	5,455	5,455
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	312.51	Ordinary	5,174	5,174
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	312.51	Ordinary	51	51
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	312.51	Ordinary	1,022	1,022
25-Aug-2021	Vanguard Investments Australia Ltd.	SELL	312.51	Ordinary	(1,226)	(1,226)
26-Aug-2021	Vanguard Investments Australia Ltd.	BUY	308.10	Ordinary	3,980	3,980
27-Aug-2021	Vanguard Investments Australia Ltd.	BUY	311.06	Ordinary	4,713	4,713
27-Aug-2021	Vanguard Investments Australia Ltd.	BUY	311.06	Ordinary	98	98
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	310.30	Ordinary	5,586	5,586
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	310.30	Ordinary	1,029	1,029
31-Aug-2021	Vanguard Investments Australia Ltd.	BUY	311.94	Ordinary	65	65
31-Aug-2021	Vanguard Investments Australia Ltd.	BUY	311.94	Ordinary	233	233
1-Sep-2021	Vanguard Investments Australia Ltd.	BUY	309.08	Ordinary	45	45
1-Sep-2021	Vanguard Investments Australia Ltd.	BUY	309.08	Ordinary	317	317
1-Sep-2021	Vanguard Investments Australia Ltd.	BUY	309.08	Ordinary	290	290
2-Sep-2021	Vanguard Investments Australia Ltd.	BUY	303.44	Ordinary	13,680	13,680
2-Sep-2021	Vanguard Investments Australia Ltd.	BUY	303.44	Ordinary	6,416	6,416
2-Sep-2021	Vanguard Investments Australia Ltd.	BUY	303.44	Ordinary	1,029	1,029
3-Sep-2021	Vanguard Investments Australia Ltd.	BUY	303.87	Ordinary	574	574
3-Sep-2021	Vanguard Investments Australia Ltd.	BUY	303.87	Ordinary	1,372	1,372
6-Sep-2021	Vanguard Investments Australia Ltd.	BUY	305.80	Ordinary	4,812	4,812
7-Sep-2021	Vanguard Investments Australia Ltd.	BUY	310.25	Ordinary	143	143
8-Sep-2021	Vanguard Investments Australia Ltd.	BUY	311.00	Ordinary	12,191	12,191
9-Sep-2021	Vanguard Investments Australia Ltd.	BUY	305.50	Ordinary	7,005	7,005
9-Sep-2021	Vanguard Investments Australia Ltd.	BUY	305.50	Ordinary	5,628	5,628
9-Sep-2021	Vanguard Investments Australia Ltd.	BUY	305.50	Ordinary	820	820
9-Sep-2021	Vanguard Investments Australia Ltd.	SELL	305.50	Ordinary	(1,389)	(1,389)
10-Sep-2021	Vanguard Investments Australia Ltd.	BUY	302.60	Ordinary	1,845	1,845
15-Sep-2021	Vanguard Investments Australia Ltd.	BUY	304.88	Ordinary	4,824	4,824
15-Sep-2021	Vanguard Investments Australia Ltd.	SELL	304.88	Ordinary	(1,432)	(1,432)
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	309.35	Ordinary	(2,222)	(2,222)
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	309.36	Ordinary	3,332	3,332
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	309.36	Ordinary	1,376	1,376
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	309.35	Ordinary	(388)	(388)
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	309.35	Ordinary	(972)	(972)
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	309.35	Ordinary	(3,505)	(3,505)
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	307.41	Ordinary	5,530	5,530
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	307.41	Ordinary	1,380	1,380
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	312.41	Ordinary	931	931
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	312.41	Ordinary	690	690
23-Sep-2021	Vanguard Investments Australia Ltd.	BUY	312.99	Ordinary	6,715	6,715
24-Sep-2021	Vanguard Investments Australia Ltd.	BUY	312.01	Ordinary	2,202	2,202
27-Sep-2021	Vanguard Investments Australia Ltd.	BUY	306.26	Ordinary	3,440	3,440
28-Sep-2021	Vanguard Investments Australia Ltd.	BUY	294.47	Ordinary	4,740	4,740
28-Sep-2021	Vanguard Investments Australia Ltd.	SELL	301.26	Ordinary	(48)	(48)
29-Sep-2021	Vanguard Investments Australia Ltd.	BUY	286.86	Ordinary	1,975	1,975
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	288.87	Ordinary	6,208	6,208
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	288.87	Ordinary	5,820	5,820
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	288.87	Ordinary	1,705	1,705
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	288.87	Ordinary	1,364	1,364
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	287.33	Ordinary	1,945	1,945

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	286.67	Ordinary	2,728	2,728
6-Oct-2021	Vanguard Investments Australia Ltd.	BUY	286.19	Ordinary	171	171
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	290.46	Ordinary	9,723	9,723
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	290.46	Ordinary	6,240	6,240
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	290.46	Ordinary	322	322
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	290.46	Ordinary	1,215	1,215
11-Oct-2021	Vanguard Investments Australia Ltd.	BUY	287.50	Ordinary	1,710	1,710
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	292.68	Ordinary	181	181
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	292.68	Ordinary	1,417	1,417
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	292.68	Ordinary	890	890
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	292.68	Ordinary	2,394	2,394
14-Oct-2021	Vanguard Investments Australia Ltd.	BUY	296.90	Ordinary	288	288
15-Oct-2021	Vanguard Investments Australia Ltd.	BUY	297.56	Ordinary	5,070	5,070
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	294.30	Ordinary	(2,319)	(2,319)
18-Oct-2021	Vanguard Investments Australia Ltd.	BUY	294.30	Ordinary	1,368	1,368
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	294.30	Ordinary	(5,700)	(5,700)
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	296.18	Ordinary	154	154
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	296.18	Ordinary	1,368	1,368
20-Oct-2021	Vanguard Investments Australia Ltd.	BUY	297.67	Ordinary	7,727	7,727
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	294.65	Ordinary	5,070	5,070
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	294.65	Ordinary	4,830	4,830
22-Oct-2021	Vanguard Investments Australia Ltd.	BUY	295.86	Ordinary	131	131
25-Oct-2021	Vanguard Investments Australia Ltd.	BUY	295.59	Ordinary	90	90
26-Oct-2021	Vanguard Investments Australia Ltd.	BUY	296.00	Ordinary	1,368	1,368
27-Oct-2021	Vanguard Investments Australia Ltd.	IN SPECIE	298.98	Ordinary	(218,424)	(218,424)
28-Oct-2021	Vanguard Investments Australia Ltd.	BUY	299.87	Ordinary	29,659	29,659
28-Oct-2021	Vanguard Investments Australia Ltd.	BUY	299.84	Ordinary	125	125
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	300.49	Ordinary	5,835	5,835
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	300.49	Ordinary	1,368	1,368
1-Nov-2021	Vanguard Investments Australia Ltd.	BUY	306.58	Ordinary	1,945	1,945
2-Nov-2021	Vanguard Investments Australia Ltd.	SELL	308.04	Ordinary	(22,257)	(22,257)
3-Nov-2021	Vanguard Investments Australia Ltd.	BUY	310.84	Ordinary	789	789
3-Nov-2021	Vanguard Investments Australia Ltd.	BUY	310.84	Ordinary	721	721
4-Nov-2021	Vanguard Investments Australia Ltd.	BUY	311.93	Ordinary	4,680	4,680
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	314.50	Ordinary	21,494	21,494
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	314.50	Ordinary	341	341
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	314.48	Ordinary	1,368	1,368
5-Nov-2021	Vanguard Investments Australia Ltd.	IN SPECIE	311.85	Ordinary	(2,133,003)	(2,133,003)

This is Annexure A of 57 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