



To Company Aristocrat Leisure Limited  
ACN/ARSN 002 818 368

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
3-Dec-18	The Vanguard Group, Inc.	SELL	24.19	Ordinary	(5,780)	(5,780)
4-Dec-18	The Vanguard Group, Inc.	BUY	23.64	Ordinary	5,807	5,807
4-Dec-18	The Vanguard Group, Inc.	BUY	23.25	Ordinary	5,888	5,888
4-Dec-18	The Vanguard Group, Inc.	BUY	23.25	Ordinary	3,136	3,136
5-Dec-18	The Vanguard Group, Inc.	BUY	22.61	Ordinary	2,869	2,869
5-Dec-18	The Vanguard Group, Inc.	BUY	22.87	Ordinary	38	38
5-Dec-18	The Vanguard Group, Inc.	BUY	22.87	Ordinary	18,244	18,244
5-Dec-18	The Vanguard Group, Inc.	SELL	22.81	Ordinary	(274,353)	(274,353)
6-Dec-18	The Vanguard Group, Inc.	SELL	21.98	Ordinary	(611)	(611)
6-Dec-18	The Vanguard Group, Inc.	BUY	21.98	Ordinary	3,874	3,874
6-Dec-18	The Vanguard Group, Inc.	BUY	22.11	Ordinary	2,352	2,352
6-Dec-18	The Vanguard Group, Inc.	SELL	22.28	Ordinary	(300,699)	(300,699)
7-Dec-18	The Vanguard Group, Inc.	BUY	21.90	Ordinary	5,888	5,888
7-Dec-18	The Vanguard Group, Inc.	BUY	21.90	Ordinary	5,152	5,152
7-Dec-18	The Vanguard Group, Inc.	SELL	22.33	Ordinary	(239,576)	(239,576)
10-Dec-18	The Vanguard Group, Inc.	BUY	21.91	Ordinary	3,076	3,076
10-Dec-18	The Vanguard Group, Inc.	SELL	21.83	Ordinary	(116,984)	(116,984)
11-Dec-18	The Vanguard Group, Inc.	BUY	21.88	Ordinary	5,888	5,888
11-Dec-18	The Vanguard Group, Inc.	BUY	21.88	Ordinary	4,416	4,416
12-Dec-18	The Vanguard Group, Inc.	BUY	22.29	Ordinary	2,024	2,024
12-Dec-18	The Vanguard Group, Inc.	SELL	21.70	Ordinary	(252)	(252)
12-Dec-18	The Vanguard Group, Inc.	BUY	22.29	Ordinary	12,512	12,512
12-Dec-18	The Vanguard Group, Inc.	BUY	22.29	Ordinary	4,416	4,416
12-Dec-18	The Vanguard Group, Inc.	BUY	22.29	Ordinary	4,416	4,416
13-Dec-18	The Vanguard Group, Inc.	BUY	22.94	Ordinary	111	111
13-Dec-18	The Vanguard Group, Inc.	BUY	22.86	Ordinary	3,542	3,542
14-Dec-18	The Vanguard Group, Inc.	SELL	22.82	Ordinary	(462)	(462)
14-Dec-18	The Vanguard Group, Inc.	BUY	22.82	Ordinary	1,573	1,573
14-Dec-18	The Vanguard Group, Inc.	BUY	23.29	Ordinary	383	383
14-Dec-18	The Vanguard Group, Inc.	BUY	22.68	Ordinary	3,834	3,834
14-Dec-18	The Vanguard Group, Inc.	BUY	22.68	Ordinary	1,518	1,518
14-Dec-18	The Vanguard Group, Inc.	BUY	22.68	Ordinary	4,416	4,416
17-Dec-18	The Vanguard Group, Inc.	BUY	22.29	Ordinary	5,060	5,060
17-Dec-18	The Vanguard Group, Inc.	BUY	22.29	Ordinary	8,832	8,832
18-Dec-18	The Vanguard Group, Inc.	BUY	21.84	Ordinary	532	532
20-Dec-18	The Vanguard Group, Inc.	BUY	21.00	Ordinary	4,435	4,435
20-Dec-18	The Vanguard Group, Inc.	BUY	20.82	Ordinary	5,888	5,888
20-Dec-18	The Vanguard Group, Inc.	SELL	21.00	Ordinary	(6,590)	(6,590)
20-Dec-18	The Vanguard Group, Inc.	SELL	21.00	Ordinary	(21,211)	(21,211)
21-Dec-18	The Vanguard Group, Inc.	SELL	21.10	Ordinary	(337)	(337)
21-Dec-18	The Vanguard Group, Inc.	SELL	21.10	Ordinary	(10,741)	(10,741)
24-Dec-18	The Vanguard Group, Inc.	BUY	20.60	Ordinary	8,928	8,928
24-Dec-18	The Vanguard Group, Inc.	BUY	20.60	Ordinary	5,580	5,580
26-Dec-18	The Vanguard Group, Inc.	BUY	21.37	Ordinary	3,348	3,348
27-Dec-18	The Vanguard Group, Inc.	BUY	21.69	Ordinary	1,674	1,674
27-Dec-18	The Vanguard Group, Inc.	BUY	21.69	Ordinary	2,790	2,790
27-Dec-18	The Vanguard Group, Inc.	BUY	21.69	Ordinary	8,370	8,370
27-Dec-18	The Vanguard Group, Inc.	BUY	21.69	Ordinary	1,315	1,315
28-Dec-18	The Vanguard Group, Inc.	BUY	21.50	Ordinary	14,470	14,470
31-Dec-18	The Vanguard Group, Inc.	BUY	21.83	Ordinary	1674	1674
31-Dec-18	The Vanguard Group, Inc.	BUY	21.86	Ordinary	6,312	6,312
2-Jan-19	The Vanguard Group, Inc.	BUY	21.06	Ordinary	3,705	3,705
2-Jan-19	The Vanguard Group, Inc.	BUY	21.29	Ordinary	3,348	3,348
2-Jan-19	The Vanguard Group, Inc.	BUY	21.29	Ordinary	3,906	3,906
2-Jan-19	The Vanguard Group, Inc.	BUY	21.79	Ordinary	676	676
2-Jan-19	The Vanguard Group, Inc.	BUY	21.29	Ordinary	4,734	4,734
2-Jan-19	The Vanguard Group, Inc.	BUY	21.29	Ordinary	1,841	1,841
3-Jan-19	The Vanguard Group, Inc.	BUY	21.20	Ordinary	2,790	2,790
3-Jan-19	The Vanguard Group, Inc.	BUY	21.44	Ordinary	50,597	50,597
4-Jan-19	The Vanguard Group, Inc.	BUY	21.50	Ordinary	529	529
7-Jan-19	The Vanguard Group, Inc.	BUY	21.98	Ordinary	1,116	1,116
8-Jan-19	The Vanguard Group, Inc.	BUY	22.67	Ordinary	2310	2310

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8-Jan-19	The Vanguard Group, Inc.	SELL	22.28	Ordinary	(288)	(288)
8-Jan-19	The Vanguard Group, Inc.	SELL	22.38	Ordinary	(13,474)	(13,474)
9-Jan-19	The Vanguard Group, Inc.	SELL	23.07	Ordinary	(6,771)	(6,771)
10-Jan-19	The Vanguard Group, Inc.	BUY	23.09	Ordinary	2,960	2,960
10-Jan-19	The Vanguard Group, Inc.	BUY	23.24	Ordinary	1386	1386
10-Jan-19	The Vanguard Group, Inc.	BUY	23.24	Ordinary	4,208	4,208
10-Jan-19	The Vanguard Group, Inc.	SELL	23.15	Ordinary	(6,233)	(6,233)
11-Jan-19	The Vanguard Group, Inc.	BUY	23.34	Ordinary	462	462
11-Jan-19	The Vanguard Group, Inc.	BUY	23.34	Ordinary	1,578	1,578
15-Jan-19	The Vanguard Group, Inc.	BUY	23.21	Ordinary	42,912	42,912
15-Jan-19	The Vanguard Group, Inc.	SELL	23.36	Ordinary	(6,045)	(6,045)
17-Jan-19	The Vanguard Group, Inc.	BUY	23.88	Ordinary	1,588	1,588
17-Jan-19	The Vanguard Group, Inc.	BUY	23.53	Ordinary	556	556
17-Jan-19	The Vanguard Group, Inc.	SELL	23.53	Ordinary	(4,509)	(4,509)
17-Jan-19	The Vanguard Group, Inc.	BUY	23.88	Ordinary	22,805	22,805
17-Jan-19	The Vanguard Group, Inc.	SELL	23.72	Ordinary	(4,614)	(4,614)
18-Jan-19	The Vanguard Group, Inc.	SELL	23.66	Ordinary	(1,014)	(1,014)
18-Jan-19	The Vanguard Group, Inc.	SELL	23.66	Ordinary	(1,303)	(1,303)
18-Jan-19	The Vanguard Group, Inc.	SELL	23.56	Ordinary	(1,455)	(1,455)
18-Jan-19	The Vanguard Group, Inc.	SELL	23.66	Ordinary	(243)	(243)
22-Jan-19	The Vanguard Group, Inc.	BUY	24.64	Ordinary	167	167
22-Jan-19	The Vanguard Group, Inc.	SELL	24.51	Ordinary	(4,614)	(4,614)
23-Jan-19	The Vanguard Group, Inc.	BUY	24.21	Ordinary	652	652
23-Jan-19	The Vanguard Group, Inc.	SELL	24.20	Ordinary	(9,997)	(9,997)
23-Jan-19	The Vanguard Group, Inc.	BUY	24.36	Ordinary	28,430	28,430
24-Jan-19	The Vanguard Group, Inc.	BUY	24.39	Ordinary	8,433	8,433
24-Jan-19	The Vanguard Group, Inc.	BUY	24.45	Ordinary	1848	1848
24-Jan-19	The Vanguard Group, Inc.	SELL	24.45	Ordinary	(9,997)	(9,997)
28-Jan-19	The Vanguard Group, Inc.	SELL	24.46	Ordinary	(3,348)	(3,348)
29-Jan-19	The Vanguard Group, Inc.	BUY	24.26	Ordinary	1386	1386
29-Jan-19	The Vanguard Group, Inc.	SELL	24.26	Ordinary	(2,232)	(2,232)
29-Jan-19	The Vanguard Group, Inc.	SELL	24.40	Ordinary	(229)	(229)
29-Jan-19	The Vanguard Group, Inc.	SELL	24.26	Ordinary	(6,152)	(6,152)
29-Jan-19	The Vanguard Group, Inc.	SELL	24.26	Ordinary	(6,152)	(6,152)
29-Jan-19	The Vanguard Group, Inc.	SELL	24.26	Ordinary	(14,611)	(14,611)
30-Jan-19	The Vanguard Group, Inc.	BUY	24.16	Ordinary	15,860	15,860
30-Jan-19	The Vanguard Group, Inc.	SELL	24.38	Ordinary	(3,348)	(3,348)
30-Jan-19	The Vanguard Group, Inc.	BUY	24.38	Ordinary	1,841	1,841
31-Jan-19	The Vanguard Group, Inc.	SELL	24.74	Ordinary	(9,486)	(9,486)
1-Feb-19	The Vanguard Group, Inc.	BUY	24.42	Ordinary	924	924
5-Feb-19	The Vanguard Group, Inc.	BUY	24.54	Ordinary	1,650	1,650
5-Feb-19	The Vanguard Group, Inc.	BUY	24.83	Ordinary	2,893	2,893
7-Feb-19	The Vanguard Group, Inc.	SELL	25.16	Ordinary	(2,232)	(2,232)
7-Feb-19	The Vanguard Group, Inc.	SELL	25.16	Ordinary	(2,232)	(2,232)
7-Feb-19	The Vanguard Group, Inc.	BUY	25.16	Ordinary	5,260	5,260
7-Feb-19	The Vanguard Group, Inc.	SELL	25.16	Ordinary	(5,120)	(5,120)
8-Feb-19	The Vanguard Group, Inc.	BUY	24.60	Ordinary	7,250	7,250
8-Feb-19	The Vanguard Group, Inc.	BUY	24.68	Ordinary	1386	1386
8-Feb-19	The Vanguard Group, Inc.	SELL	24.68	Ordinary	(7,254)	(7,254)
8-Feb-19	The Vanguard Group, Inc.	BUY	24.91	Ordinary	13,281	13,281
11-Feb-19	The Vanguard Group, Inc.	BUY	24.49	Ordinary	11,467	11,467
11-Feb-19	The Vanguard Group, Inc.	SELL	24.55	Ordinary	(5,022)	(5,022)
12-Feb-19	The Vanguard Group, Inc.	SELL	24.94	Ordinary	(29,878)	(29,878)
13-Feb-19	The Vanguard Group, Inc.	SELL	25.39	Ordinary	(3,348)	(3,348)
14-Feb-19	The Vanguard Group, Inc.	BUY	24.99	Ordinary	6468	6468
15-Feb-19	The Vanguard Group, Inc.	SELL	24.89	Ordinary	(143)	(143)
18-Feb-19	The Vanguard Group, Inc.	BUY	24.81	Ordinary	2,035	2,035
20-Feb-19	The Vanguard Group, Inc.	BUY	24.64	Ordinary	9,833	9,833
21-Feb-19	The Vanguard Group, Inc.	BUY	25.59	Ordinary	1,358	1,358
21-Feb-19	The Vanguard Group, Inc.	SELL	25.57	Ordinary	(2,790)	(2,790)
21-Feb-19	The Vanguard Group, Inc.	BUY	24.15	Ordinary	31,329	31,329
22-Feb-19	The Vanguard Group, Inc.	BUY	25.60	Ordinary	14,358	14,358
26-Feb-19	The Vanguard Group, Inc.	BUY	25.05	Ordinary	284	284
26-Feb-19	The Vanguard Group, Inc.	BUY	25.06	Ordinary	3,845	3,845
28-Feb-19	The Vanguard Group, Inc.	SELL	24.62	Ordinary	(13,318)	(13,318)
1-Mar-19	The Vanguard Group, Inc.	BUY	25.18	Ordinary	540	540
1-Mar-19	The Vanguard Group, Inc.	SELL	25.18	Ordinary	(2,239)	(2,239)
1-Mar-19	The Vanguard Group, Inc.	SELL	25.18	Ordinary	(10,828)	(10,828)
4-Mar-19	The Vanguard Group, Inc.	SELL	25.22	Ordinary	(1,425)	(1,425)

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4-Mar-19	The Vanguard Group, Inc.	BUY	25.22	Ordinary	12,047	12,047
4-Mar-19	The Vanguard Group, Inc.	SELL	25.22	Ordinary	(10,732)	(10,732)
5-Mar-19	The Vanguard Group, Inc.	SELL	24.84	Ordinary	(2,789)	(2,789)
5-Mar-19	The Vanguard Group, Inc.	BUY	24.84	Ordinary	4,614	4,614
6-Mar-19	The Vanguard Group, Inc.	BUY	24.76	Ordinary	7,987	7,987
6-Mar-19	The Vanguard Group, Inc.	BUY	24.43	Ordinary	491	491
8-Mar-19	The Vanguard Group, Inc.	BUY	24.27	Ordinary	342	342
8-Mar-19	The Vanguard Group, Inc.	BUY	24.10	Ordinary	3,845	3,845
11-Mar-19	The Vanguard Group, Inc.	BUY	23.65	Ordinary	4,130	4,130
12-Mar-19	The Vanguard Group, Inc.	SELL	23.14	Ordinary	(1,926)	(1,926)
13-Mar-19	The Vanguard Group, Inc.	BUY	23.02	Ordinary	70,526	70,526
14-Mar-19	The Vanguard Group, Inc.	SELL	22.94	Ordinary	(6,103)	(6,103)
15-Mar-19	The Vanguard Group, Inc.	SELL	23.19	Ordinary	(1,292)	(1,292)
15-Mar-19	The Vanguard Group, Inc.	SELL	23.22	Ordinary	(35,829)	-35,829
15-Mar-19	The Vanguard Group, Inc.	SELL	23.19	Ordinary	(26,799)	(26,799)
18-Mar-19	The Vanguard Group, Inc.	BUY	23.62	Ordinary	3,682	3,682
19-Mar-19	The Vanguard Group, Inc.	BUY	24.63	Ordinary	4,053	4,053
20-Mar-19	The Vanguard Group, Inc.	BUY	24.19	Ordinary	2,307	2,307
21-Mar-19	The Vanguard Group, Inc.	BUY	24.35	Ordinary	342	342
26-Mar-19	The Vanguard Group, Inc.	BUY	24.63	Ordinary	36,313	36,313
27-Mar-19	The Vanguard Group, Inc.	SELL	24.40	Ordinary	(334)	(334)
28-Mar-19	The Vanguard Group, Inc.	SELL	24.22	Ordinary	(1,694)	(1,694)
29-Mar-19	The Vanguard Group, Inc.	SELL	24.51	Ordinary	(7,762)	(7,762)
29-Mar-19	The Vanguard Group, Inc.	BUY	24.51	Ordinary	38,806	38,806
1-Apr-19	The Vanguard Group, Inc.	BUY	24.80	Ordinary	796	796
1-Apr-19	The Vanguard Group, Inc.	BUY	24.93	Ordinary	3,076	3,076
3-Apr-19	The Vanguard Group, Inc.	BUY	25.52	Ordinary	40,160	40,160
4-Apr-19	The Vanguard Group, Inc.	BUY	25.65	Ordinary	1,266	1,266
4-Apr-19	The Vanguard Group, Inc.	SELL	25.65	Ordinary	(4,390)	(4,390)
5-Apr-19	The Vanguard Group, Inc.	BUY	25.65	Ordinary	5,260	5,260
9-Apr-19	The Vanguard Group, Inc.	SELL	25.84	Ordinary	(3,410)	(3,410)
10-Apr-19	The Vanguard Group, Inc.	BUY	25.55	Ordinary	13,802	13,802
12-Apr-19	The Vanguard Group, Inc.	BUY	25.44	Ordinary	1,239	1,239
12-Apr-19	The Vanguard Group, Inc.	BUY	25.44	Ordinary	11,646	11,646
16-Apr-19	The Vanguard Group, Inc.	BUY	25.80	Ordinary	924	924
16-Apr-19	The Vanguard Group, Inc.	BUY	25.77	Ordinary	47,188	47,188
18-Apr-19	The Vanguard Group, Inc.	BUY	25.41	Ordinary	7,229	7,229
18-Apr-19	The Vanguard Group, Inc.	BUY	25.53	Ordinary	263,805	263,805
18-Apr-19	The Vanguard Group, Inc.	SELL	25.53	Ordinary	(263,805)	(263,805)
23-Apr-19	The Vanguard Group, Inc.	SELL	26.07	Ordinary	(3,148)	(3,148)
23-Apr-19	The Vanguard Group, Inc.	BUY	26.26	Ordinary	4,734	4,734
24-Apr-19	The Vanguard Group, Inc.	BUY	26.28	Ordinary	568	568
24-Apr-19	The Vanguard Group, Inc.	SELL	26.28	Ordinary	(6,036)	(6,036)
26-Apr-19	The Vanguard Group, Inc.	SELL	26.10	Ordinary	(261)	(261)
26-Apr-19	The Vanguard Group, Inc.	BUY	26.32	Ordinary	3,845	3,845
1-May-19	The Vanguard Group, Inc.	BUY	26.16	Ordinary	732	732
1-May-19	The Vanguard Group, Inc.	SELL	26.04	Ordinary	(8,800)	(8,800)
3-May-19	The Vanguard Group, Inc.	BUY	26.10	Ordinary	683	683
3-May-19	The Vanguard Group, Inc.	BUY	26.12	Ordinary	1,266	1,266
3-May-19	The Vanguard Group, Inc.	BUY	26.13	Ordinary	32,812	32,812
6-May-19	The Vanguard Group, Inc.	SELL	25.83	Ordinary	(3,840)	(3,840)
7-May-19	The Vanguard Group, Inc.	BUY	25.69	Ordinary	2,391	2,391
7-May-19	The Vanguard Group, Inc.	BUY	25.78	Ordinary	1,266	1,266
7-May-19	The Vanguard Group, Inc.	BUY	25.60	Ordinary	12,494	12,494
7-May-19	The Vanguard Group, Inc.	BUY	25.51	Ordinary	2,630	2,630
7-May-19	The Vanguard Group, Inc.	BUY	25.60	Ordinary	1,033	1,033
8-May-19	The Vanguard Group, Inc.	BUY	25.50	Ordinary	342	342
8-May-19	The Vanguard Group, Inc.	BUY	25.32	Ordinary	47,869	47,869
8-May-19	The Vanguard Group, Inc.	SELL	25.47	Ordinary	(3,840)	(3,840)
9-May-19	The Vanguard Group, Inc.	BUY	25.72	Ordinary	4,614	4,614
10-May-19	The Vanguard Group, Inc.	BUY	26.03	Ordinary	795	795
10-May-19	The Vanguard Group, Inc.	BUY	26.03	Ordinary	342	342
10-May-19	The Vanguard Group, Inc.	SELL	26.03	Ordinary	(9,166)	(9,166)
10-May-19	The Vanguard Group, Inc.	BUY	26.12	Ordinary	924	924
13-May-19	The Vanguard Group, Inc.	BUY	26.06	Ordinary	4,902	4,902
14-May-19	The Vanguard Group, Inc.	BUY	25.35	Ordinary	947	947
14-May-19	The Vanguard Group, Inc.	BUY	25.59	Ordinary	2,232	2,232
14-May-19	The Vanguard Group, Inc.	SELL	25.59	Ordinary	(3,840)	(3,840)
15-May-19	The Vanguard Group, Inc.	BUY	25.60	Ordinary	7,579	7,579

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16-May-19	The Vanguard Group, Inc.	BUY	26.87	Ordinary	89,477	89,477
16-May-19	The Vanguard Group, Inc.	BUY	27.10	Ordinary	924	924
16-May-19	The Vanguard Group, Inc.	BUY	26.06	Ordinary	1071	1071
17-May-19	The Vanguard Group, Inc.	BUY	27.31	Ordinary	18,989	18,989
20-May-19	The Vanguard Group, Inc.	BUY	27.12	Ordinary	2,630	2,630
21-May-19	The Vanguard Group, Inc.	BUY	26.62	Ordinary	445	445
21-May-19	The Vanguard Group, Inc.	BUY	26.62	Ordinary	2,701	2,701
22-May-19	The Vanguard Group, Inc.	BUY	26.52	Ordinary	2,646	2,646
24-May-19	The Vanguard Group, Inc.	BUY	29.17	Ordinary	1,084	1,084
28-May-19	The Vanguard Group, Inc.	BUY	29.68	Ordinary	2,634	2,634
28-May-19	The Vanguard Group, Inc.	BUY	29.37	Ordinary	3,845	3,845
28-May-19	The Vanguard Group, Inc.	SELL	29.70	Ordinary	(12,653)	(12,653)
29-May-19	The Vanguard Group, Inc.	SELL	28.99	Ordinary	(422)	(422)
29-May-19	The Vanguard Group, Inc.	BUY	29.10	Ordinary	71,941	71,941
29-May-19	The Vanguard Group, Inc.	BUY	29.10	Ordinary	1554	1554
30-May-19	The Vanguard Group, Inc.	BUY	28.65	Ordinary	342	342
31-May-19	The Vanguard Group, Inc.	BUY	28.86	Ordinary	122	122
31-May-19	The Vanguard Group, Inc.	SELL	29.12	Ordinary	(15,917)	(15,917)
31-May-19	The Vanguard Group, Inc.	BUY	28.86	Ordinary	31,315	31,315
3-Jun-19	The Vanguard Group, Inc.	SELL	28.80	Ordinary	(889)	(889)
3-Jun-19	The Vanguard Group, Inc.	BUY	28.24	Ordinary	2,630	2,630
4-Jun-19	The Vanguard Group, Inc.	BUY	28.39	Ordinary	5,328	5,328
5-Jun-19	The Vanguard Group, Inc.	SELL	28.97	Ordinary	(1,266)	(1,266)
5-Jun-19	The Vanguard Group, Inc.	SELL	28.91	Ordinary	(248)	(248)
5-Jun-19	The Vanguard Group, Inc.	SELL	29.15	Ordinary	(2,560)	(2,560)
5-Jun-19	The Vanguard Group, Inc.	SELL	29.15	Ordinary	(5,120)	(5,120)
6-Jun-19	The Vanguard Group, Inc.	SELL	29.20	Ordinary	(18,851)	(18,851)
7-Jun-19	The Vanguard Group, Inc.	BUY	29.51	Ordinary	4,643	4,643
10-Jun-19	The Vanguard Group, Inc.	BUY	29.82	Ordinary	3,156	3,156
11-Jun-19	The Vanguard Group, Inc.	BUY	30.52	Ordinary	342	342
11-Jun-19	The Vanguard Group, Inc.	SELL	30.44	Ordinary	(3,200)	(3,200)
12-Jun-19	The Vanguard Group, Inc.	BUY	30.17	Ordinary	480	480
12-Jun-19	The Vanguard Group, Inc.	BUY	30.17	Ordinary	5,642	5,642
12-Jun-19	The Vanguard Group, Inc.	BUY	30.16	Ordinary	3,156	3,156
13-Jun-19	The Vanguard Group, Inc.	BUY	30.73	Ordinary	1,052	1,052
13-Jun-19	The Vanguard Group, Inc.	SELL	30.54	Ordinary	(13,510)	(13,510)
14-Jun-19	The Vanguard Group, Inc.	SELL	30.63	Ordinary	(1,920)	(1,920)
14-Jun-19	The Vanguard Group, Inc.	SELL	30.64	Ordinary	(15,701)	(15,701)
17-Jun-19	The Vanguard Group, Inc.	SELL	30.90	Ordinary	(4,685)	(4,685)
18-Jun-19	The Vanguard Group, Inc.	SELL	30.75	Ordinary	(4,144)	(4,144)
19-Jun-19	The Vanguard Group, Inc.	SELL	31.26	Ordinary	(12,644)	(12,644)
19-Jun-19	The Vanguard Group, Inc.	BUY	31.29	Ordinary	10,676	10,676
20-Jun-19	The Vanguard Group, Inc.	BUY	31.35	Ordinary	1386	1386
20-Jun-19	The Vanguard Group, Inc.	BUY	31.35	Ordinary	2,630	2,630
21-Jun-19	The Vanguard Group, Inc.	BUY	31.06	Ordinary	2,121	2,121
21-Jun-19	The Vanguard Group, Inc.	BUY	31.06	Ordinary	6,119	6,119
21-Jun-19	The Vanguard Group, Inc.	SELL	31.06	Ordinary	(441)	(441)
21-Jun-19	The Vanguard Group, Inc.	SELL	31.06	Ordinary	(8,608)	(8,608)
21-Jun-19	The Vanguard Group, Inc.	BUY	31.09	Ordinary	1,315	1,315
24-Jun-19	The Vanguard Group, Inc.	BUY	30.88	Ordinary	4,464	4,464
25-Jun-19	The Vanguard Group, Inc.	BUY	30.81	Ordinary	1,120	1,120
25-Jun-19	The Vanguard Group, Inc.	BUY	30.93	Ordinary	28,699	28,699
25-Jun-19	The Vanguard Group, Inc.	BUY	30.61	Ordinary	2,367	2,367
25-Jun-19	The Vanguard Group, Inc.	BUY	30.61	Ordinary	1,578	1,578
25-Jun-19	The Vanguard Group, Inc.	SELL	30.61	Ordinary	(1,920)	(1,920)
26-Jun-19	The Vanguard Group, Inc.	BUY	30.74	Ordinary	1,266	1,266
26-Jun-19	The Vanguard Group, Inc.	BUY	30.74	Ordinary	1,521	1,521
26-Jun-19	The Vanguard Group, Inc.	BUY	30.67	Ordinary	1,841	1,841
26-Jun-19	The Vanguard Group, Inc.	BUY	30.67	Ordinary	3,156	3,156
27-Jun-19	The Vanguard Group, Inc.	SELL	30.87	Ordinary	(479)	(479)
28-Jun-19	The Vanguard Group, Inc.	BUY	30.72	Ordinary	23,127	23,127
2-Jul-19	The Vanguard Group, Inc.	BUY	29.96	Ordinary	10,730	10,730
2-Jul-19	The Vanguard Group, Inc.	BUY	29.96	Ordinary	2,367	2,367
3-Jul-19	The Vanguard Group, Inc.	BUY	29.96	Ordinary	7,713	7,713
4-Jul-19	The Vanguard Group, Inc.	BUY	29.71	Ordinary	5,112	5,112
5-Jul-19	The Vanguard Group, Inc.	BUY	29.18	Ordinary	924	924
5-Jul-19	The Vanguard Group, Inc.	BUY	29.18	Ordinary	2,916	2,916
8-Jul-19	The Vanguard Group, Inc.	BUY	29.19	Ordinary	1,055	1,055
9-Jul-19	The Vanguard Group, Inc.	BUY	29.10	Ordinary	1,163	1,163

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9-Jul-19	The Vanguard Group, Inc.	BUY	29.28	Ordinary	2,630	2,630
10-Jul-19	The Vanguard Group, Inc.	BUY	29.66	Ordinary	1,879	1,879
10-Jul-19	The Vanguard Group, Inc.	BUY	29.49	Ordinary	15,103	15,103
12-Jul-19	The Vanguard Group, Inc.	SELL	29.52	Ordinary	(8,719)	(8,719)
12-Jul-19	The Vanguard Group, Inc.	BUY	29.97	Ordinary	2896	2896
12-Jul-19	The Vanguard Group, Inc.	SELL	29.52	Ordinary	(4,848)	(4,848)
15-Jul-19	The Vanguard Group, Inc.	BUY	29.06	Ordinary	924	924
15-Jul-19	The Vanguard Group, Inc.	BUY	29.06	Ordinary	4,374	4,374
16-Jul-19	The Vanguard Group, Inc.	BUY	29.08	Ordinary	1848	1848
16-Jul-19	The Vanguard Group, Inc.	BUY	29.22	Ordinary	39,011	39,011
17-Jul-19	The Vanguard Group, Inc.	SELL	29.57	Ordinary	(568)	(568)
17-Jul-19	The Vanguard Group, Inc.	BUY	29.42	Ordinary	1,841	1,841
17-Jul-19	The Vanguard Group, Inc.	BUY	29.42	Ordinary	2,630	2,630
17-Jul-19	The Vanguard Group, Inc.	BUY	29.42	Ordinary	1,315	1,315
22-Jul-19	The Vanguard Group, Inc.	SELL	29.72	Ordinary	(10,123)	(10,123)
22-Jul-19	The Vanguard Group, Inc.	BUY	29.76	Ordinary	3,645	3,645
22-Jul-19	The Vanguard Group, Inc.	BUY	29.76	Ordinary	3,645	3,645
22-Jul-19	The Vanguard Group, Inc.	BUY	29.76	Ordinary	2,630	2,630
23-Jul-19	The Vanguard Group, Inc.	BUY	30.00	Ordinary	342	342
23-Jul-19	The Vanguard Group, Inc.	BUY	30.15	Ordinary	2,630	2,630
24-Jul-19	The Vanguard Group, Inc.	BUY	30.60	Ordinary	1386	1386
25-Jul-19	The Vanguard Group, Inc.	BUY	30.73	Ordinary	1,674	1,674
26-Jul-19	The Vanguard Group, Inc.	SELL	30.46	Ordinary	(2,251)	(2,251)
26-Jul-19	The Vanguard Group, Inc.	BUY	30.62	Ordinary	2,790	2,790
26-Jul-19	The Vanguard Group, Inc.	BUY	30.62	Ordinary	2,367	2,367
29-Jul-19	The Vanguard Group, Inc.	SELL	30.94	Ordinary	(12,463)	(12,463)
30-Jul-19	The Vanguard Group, Inc.	BUY	30.63	Ordinary	1,266	1,266
30-Jul-19	The Vanguard Group, Inc.	BUY	30.59	Ordinary	7,429	7,429
30-Jul-19	The Vanguard Group, Inc.	SELL	30.56	Ordinary	(2,560)	(2,560)
31-Jul-19	The Vanguard Group, Inc.	BUY	30.43	Ordinary	2,367	2,367
1-Aug-19	The Vanguard Group, Inc.	SELL	30.60	Ordinary	(1,011)	(1,011)
1-Aug-19	The Vanguard Group, Inc.	SELL	30.44	Ordinary	(21,563)	(21,563)
1-Aug-19	The Vanguard Group, Inc.	BUY	30.31	Ordinary	924	924
1-Aug-19	The Vanguard Group, Inc.	BUY	30.31	Ordinary	6,561	6,561
1-Aug-19	The Vanguard Group, Inc.	BUY	30.60	Ordinary	27,201	27,201
2-Aug-19	The Vanguard Group, Inc.	BUY	30.21	Ordinary	2,232	2,232
2-Aug-19	The Vanguard Group, Inc.	BUY	30.37	Ordinary	23,964	23,964
5-Aug-19	The Vanguard Group, Inc.	BUY	29.72	Ordinary	684	684
5-Aug-19	The Vanguard Group, Inc.	BUY	29.23	Ordinary	2,790	2,790
5-Aug-19	The Vanguard Group, Inc.	BUY	29.23	Ordinary	2,630	2,630
5-Aug-19	The Vanguard Group, Inc.	BUY	30.45	Ordinary	4,796	4,796
6-Aug-19	The Vanguard Group, Inc.	BUY	28.62	Ordinary	1,185	1,185
6-Aug-19	The Vanguard Group, Inc.	BUY	28.65	Ordinary	7,668	7,668
6-Aug-19	The Vanguard Group, Inc.	BUY	28.86	Ordinary	24,763	24,763
7-Aug-19	The Vanguard Group, Inc.	SELL	28.62	Ordinary	(363)	(363)
8-Aug-19	The Vanguard Group, Inc.	BUY	29.52	Ordinary	996	996
8-Aug-19	The Vanguard Group, Inc.	SELL	29.13	Ordinary	(2,630)	(2,630)
8-Aug-19	The Vanguard Group, Inc.	BUY	29.13	Ordinary	16,259	16,259
8-Aug-19	The Vanguard Group, Inc.	SELL	29.81	Ordinary	(3,200)	(3,200)
9-Aug-19	The Vanguard Group, Inc.	BUY	29.54	Ordinary	1,054	1,054
12-Aug-19	The Vanguard Group, Inc.	BUY	29.28	Ordinary	1,048	1,048
12-Aug-19	The Vanguard Group, Inc.	BUY	29.45	Ordinary	338	338
12-Aug-19	The Vanguard Group, Inc.	BUY	29.19	Ordinary	4,208	4,208
13-Aug-19	The Vanguard Group, Inc.	BUY	28.79	Ordinary	471	471
13-Aug-19	The Vanguard Group, Inc.	SELL	29.02	Ordinary	(4,480)	(4,480)
15-Aug-19	The Vanguard Group, Inc.	BUY	28.72	Ordinary	42,714	42,714
15-Aug-19	The Vanguard Group, Inc.	SELL	27.97	Ordinary	(3,840)	(3,840)
19-Aug-19	The Vanguard Group, Inc.	SELL	28.46	Ordinary	(536)	(536)
19-Aug-19	The Vanguard Group, Inc.	BUY	28.46	Ordinary	6,085	6,085
22-Aug-19	The Vanguard Group, Inc.	SELL	29.34	Ordinary	(7,179)	(7,179)
22-Aug-19	The Vanguard Group, Inc.	BUY	29.32	Ordinary	5,260	5,260
23-Aug-19	The Vanguard Group, Inc.	BUY	28.85	Ordinary	1386	1386
27-Aug-19	The Vanguard Group, Inc.	SELL	29.37	Ordinary	(2,275)	(2,275)
27-Aug-19	The Vanguard Group, Inc.	BUY	29.31	Ordinary	37,595	37,595
29-Aug-19	The Vanguard Group, Inc.	BUY	29.12	Ordinary	7,982	7,982
2-Sep-19	The Vanguard Group, Inc.	BUY	29.21	Ordinary	5,692	5,692
5-Sep-19	The Vanguard Group, Inc.	BUY	29.69	Ordinary	924	924
5-Sep-19	The Vanguard Group, Inc.	BUY	29.69	Ordinary	924	924
6-Sep-19	The Vanguard Group, Inc.	SELL	29.79	Ordinary	(511)	(511)

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9-Sep-19	The Vanguard Group, Inc.	BUY	29.78	Ordinary	3,419	3,419
11-Sep-19	The Vanguard Group, Inc.	BUY	30.16	Ordinary	3,419	3,419
12-Sep-19	The Vanguard Group, Inc.	BUY	30.53	Ordinary	2,630	2,630
16-Sep-19	The Vanguard Group, Inc.	BUY	30.55	Ordinary	3,201	3,201
16-Sep-19	The Vanguard Group, Inc.	BUY	30.62	Ordinary	1,920	1,920
17-Sep-19	The Vanguard Group, Inc.	BUY	30.64	Ordinary	330	330
17-Sep-19	The Vanguard Group, Inc.	BUY	30.66	Ordinary	1,386	1,386
18-Sep-19	The Vanguard Group, Inc.	BUY	30.74	Ordinary	2,367	2,367
20-Sep-19	The Vanguard Group, Inc.	SELL	30.94	Ordinary	(862)	(862)
20-Sep-19	The Vanguard Group, Inc.	SELL	30.94	Ordinary	(6,746)	(6,746)
20-Sep-19	The Vanguard Group, Inc.	BUY	30.95	Ordinary	11,698	11,698
20-Sep-19	The Vanguard Group, Inc.	SELL	30.94	Ordinary	(49,843)	(49,843)
23-Sep-19	The Vanguard Group, Inc.	BUY	30.83	Ordinary	2,630	2,630
24-Sep-19	The Vanguard Group, Inc.	SELL	30.96	Ordinary	(607)	(607)
24-Sep-19	The Vanguard Group, Inc.	BUY	30.96	Ordinary	1,152	1,152
24-Sep-19	The Vanguard Group, Inc.	BUY	30.96	Ordinary	8,752	8,752
25-Sep-19	The Vanguard Group, Inc.	BUY	30.47	Ordinary	8,556	8,556
25-Sep-19	The Vanguard Group, Inc.	BUY	30.67	Ordinary	2,630	2,630
27-Sep-19	The Vanguard Group, Inc.	BUY	30.50	Ordinary	585	585
27-Sep-19	The Vanguard Group, Inc.	SELL	30.50	Ordinary	(155)	(155)
1-Oct-19	The Vanguard Group, Inc.	BUY	30.95	Ordinary	1,239	1,239
2-Oct-19	The Vanguard Group, Inc.	BUY	30.96	Ordinary	2,023	2,023
2-Oct-19	The Vanguard Group, Inc.	BUY	30.35	Ordinary	924	924
4-Oct-19	The Vanguard Group, Inc.	BUY	30.86	Ordinary	255	255
7-Oct-19	The Vanguard Group, Inc.	BUY	30.89	Ordinary	12,522	12,522
7-Oct-19	The Vanguard Group, Inc.	BUY	30.93	Ordinary	1,848	1,848
10-Oct-19	The Vanguard Group, Inc.	BUY	30.92	Ordinary	7,890	7,890
10-Oct-19	The Vanguard Group, Inc.	BUY	30.92	Ordinary	2,630	2,630
15-Oct-19	The Vanguard Group, Inc.	SELL	31.32	Ordinary	(284)	(284)
15-Oct-19	The Vanguard Group, Inc.	BUY	31.67	Ordinary	2,104	2,104
16-Oct-19	The Vanguard Group, Inc.	BUY	31.52	Ordinary	299	299
16-Oct-19	The Vanguard Group, Inc.	BUY	31.46	Ordinary	1,386	1,386
21-Oct-19	The Vanguard Group, Inc.	BUY	31.25	Ordinary	1,386	1,386
23-Oct-19	The Vanguard Group, Inc.	BUY	31.86	Ordinary	2,630	2,630
25-Oct-19	The Vanguard Group, Inc.	BUY	32.30	Ordinary	6,692	6,692
25-Oct-19	The Vanguard Group, Inc.	SELL	32.41	Ordinary	(7,680)	(7,680)
28-Oct-19	The Vanguard Group, Inc.	BUY	32.53	Ordinary	17,823	17,823
29-Oct-19	The Vanguard Group, Inc.	SELL	32.37	Ordinary	(6,842)	(6,842)
30-Oct-19	The Vanguard Group, Inc.	BUY	32.15	Ordinary	15,267	15,267
31-Oct-19	The Vanguard Group, Inc.	SELL	31.62	Ordinary	(8,557)	(8,557)
1-Nov-19	The Vanguard Group, Inc.	BUY	31.14	Ordinary	205	205
4-Nov-19	The Vanguard Group, Inc.	SELL	31.32	Ordinary	(143)	(143)
4-Nov-19	The Vanguard Group, Inc.	BUY	31.45	Ordinary	1,365	1,365
5-Nov-19	The Vanguard Group, Inc.	BUY	31.43	Ordinary	5,260	5,260
6-Nov-19	The Vanguard Group, Inc.	BUY	30.97	Ordinary	2,630	2,630
7-Nov-19	The Vanguard Group, Inc.	BUY	31.22	Ordinary	1,374	1,374
8-Nov-19	The Vanguard Group, Inc.	BUY	31.84	Ordinary	910	910
11-Nov-19	The Vanguard Group, Inc.	BUY	31.83	Ordinary	1,365	1,365
11-Nov-19	The Vanguard Group, Inc.	BUY	31.83	Ordinary	3,682	3,682
12-Nov-19	The Vanguard Group, Inc.	BUY	31.33	Ordinary	455	455
13-Nov-19	The Vanguard Group, Inc.	BUY	31.35	Ordinary	97	97
13-Nov-19	The Vanguard Group, Inc.	BUY	31.35	Ordinary	122	122
15-Nov-19	The Vanguard Group, Inc.	BUY	31.38	Ordinary	4,523	4,523
15-Nov-19	The Vanguard Group, Inc.	BUY	31.41	Ordinary	2,104	2,104
18-Nov-19	The Vanguard Group, Inc.	BUY	31.97	Ordinary	957	957
18-Nov-19	The Vanguard Group, Inc.	BUY	32.00	Ordinary	1,365	1,365
18-Nov-19	The Vanguard Group, Inc.	BUY	32.00	Ordinary	910	910
18-Nov-19	The Vanguard Group, Inc.	BUY	32.00	Ordinary	2,893	2,893
20-Nov-19	The Vanguard Group, Inc.	BUY	33.69	Ordinary	1,365	1,365
20-Nov-19	The Vanguard Group, Inc.	BUY	33.69	Ordinary	910	910
21-Nov-19	The Vanguard Group, Inc.	BUY	34.22	Ordinary	194	194
22-Nov-19	The Vanguard Group, Inc.	BUY	34.49	Ordinary	638	638
22-Nov-19	The Vanguard Group, Inc.	SELL	34.40	Ordinary	(402)	(402)
22-Nov-19	The Vanguard Group, Inc.	BUY	34.50	Ordinary	4,208	4,208
25-Nov-19	The Vanguard Group, Inc.	BUY	34.28	Ordinary	319	319
25-Nov-19	The Vanguard Group, Inc.	BUY	34.62	Ordinary	6,894	6,894
25-Nov-19	The Vanguard Group, Inc.	BUY	34.44	Ordinary	5,260	5,260
25-Nov-19	The Vanguard Group, Inc.	BUY	34.28	Ordinary	835	835
26-Nov-19	The Vanguard Group, Inc.	BUY	34.21	Ordinary	5,988	5,988

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26-Nov-19	The Vanguard Group, Inc.	SELL	34.21	Ordinary	(121)	(121)
27-Nov-19	The Vanguard Group, Inc.	BUY	34.41	Ordinary	4,928	4,928
27-Nov-19	The Vanguard Group, Inc.	BUY	34.41	Ordinary	319	319
27-Nov-19	The Vanguard Group, Inc.	BUY	34.41	Ordinary	1,239	1,239
29-Nov-19	The Vanguard Group, Inc.	BUY	33.92	Ordinary	319	319
29-Nov-19	The Vanguard Group, Inc.	BUY	33.92	Ordinary	254	254
2-Dec-19	The Vanguard Group, Inc.	BUY	33.58	Ordinary	1,820	1,820
2-Dec-19	The Vanguard Group, Inc.	BUY	33.58	Ordinary	10,206	10,206
4-Dec-19	The Vanguard Group, Inc.	BUY	33.24	Ordinary	638	638
4-Dec-19	The Vanguard Group, Inc.	BUY	33.24	Ordinary	5,230	5,230
4-Dec-19	The Vanguard Group, Inc.	BUY	32.68	Ordinary	1,084	1,084
5-Dec-19	The Vanguard Group, Inc.	BUY	34.09	Ordinary	1,359	1,359
5-Dec-19	The Vanguard Group, Inc.	BUY	34.03	Ordinary	661	661
6-Dec-19	The Vanguard Group, Inc.	BUY	33.87	Ordinary	10,222	10,222
6-Dec-19	The Vanguard Group, Inc.	BUY	33.96	Ordinary	17,567	17,567
9-Dec-19	The Vanguard Group, Inc.	BUY	34.14	Ordinary	1,667	1,667
9-Dec-19	The Vanguard Group, Inc.	BUY	33.60	Ordinary	1,983	1,983
10-Dec-19	The Vanguard Group, Inc.	BUY	33.33	Ordinary	453	453
11-Dec-19	The Vanguard Group, Inc.	BUY	33.85	Ordinary	186	186
11-Dec-19	The Vanguard Group, Inc.	BUY	33.79	Ordinary	3,156	3,156
12-Dec-19	The Vanguard Group, Inc.	BUY	34.54	Ordinary	1,812	1,812
12-Dec-19	The Vanguard Group, Inc.	BUY	34.54	Ordinary	1,674	1,674
12-Dec-19	The Vanguard Group, Inc.	BUY	34.54	Ordinary	3,945	3,945
13-Dec-19	The Vanguard Group, Inc.	BUY	34.19	Ordinary	906	906
17-Dec-19	The Vanguard Group, Inc.	BUY	35.27	Ordinary	5,260	5,260
17-Dec-19	The Vanguard Group, Inc.	BUY	35.27	Ordinary	2,893	2,893
18-Dec-19	The Vanguard Group, Inc.	SELL	35.20	Ordinary	(1,574)	(1,574)
18-Dec-19	The Vanguard Group, Inc.	BUY	35.40	Ordinary	1,281	1,281
20-Dec-19	The Vanguard Group, Inc.	BUY	35.05	Ordinary	670	670
20-Dec-19	The Vanguard Group, Inc.	SELL	34.87	Ordinary	(444)	(444)
20-Dec-19	The Vanguard Group, Inc.	BUY	34.87	Ordinary	5,506	5,506
20-Dec-19	The Vanguard Group, Inc.	SELL	34.87	Ordinary	(3,462)	(3,462)
23-Dec-19	The Vanguard Group, Inc.	BUY	35.00	Ordinary	92	92
23-Dec-19	The Vanguard Group, Inc.	BUY	34.75	Ordinary	1,684	1,684
23-Dec-19	The Vanguard Group, Inc.	BUY	34.75	Ordinary	10,206	10,206
23-Dec-19	The Vanguard Group, Inc.	BUY	34.75	Ordinary	2,187	2,187
23-Dec-19	The Vanguard Group, Inc.	SELL	35.00	Ordinary	(1,492)	(1,492)
24-Dec-19	The Vanguard Group, Inc.	BUY	34.63	Ordinary	638	638
24-Dec-19	The Vanguard Group, Inc.	BUY	34.59	Ordinary	4,374	4,374
26-Dec-19	The Vanguard Group, Inc.	BUY	34.67	Ordinary	10,935	10,935
27-Dec-19	The Vanguard Group, Inc.	BUY	34.59	Ordinary	8,336	8,336
30-Dec-19	The Vanguard Group, Inc.	BUY	34.67	Ordinary	319	319
30-Dec-19	The Vanguard Group, Inc.	BUY	34.67	Ordinary	1,805	1,805
30-Dec-19	The Vanguard Group, Inc.	SELL	34.45	Ordinary	(8,817)	(8,817)
30-Dec-19	The Vanguard Group, Inc.	BUY	68.96	Ordinary	5,260	5,260
31-Dec-19	The Vanguard Group, Inc.	BUY	33.67	Ordinary	1,221	1,221
31-Dec-19	The Vanguard Group, Inc.	BUY	33.67	Ordinary	18,876	18,876
2-Jan-20	The Vanguard Group, Inc.	BUY	34.20	Ordinary	319	319
3-Jan-20	The Vanguard Group, Inc.	BUY	33.87	Ordinary	814	814
3-Jan-20	The Vanguard Group, Inc.	BUY	33.87	Ordinary	814	814
3-Jan-20	The Vanguard Group, Inc.	BUY	34.43	Ordinary	8,451	8,451
6-Jan-20	The Vanguard Group, Inc.	BUY	34.26	Ordinary	334	334
7-Jan-20	The Vanguard Group, Inc.	BUY	34.37	Ordinary	814	814
7-Jan-20	The Vanguard Group, Inc.	BUY	34.54	Ordinary	17,024	17,024
8-Jan-20	The Vanguard Group, Inc.	BUY	34.20	Ordinary	618	618
8-Jan-20	The Vanguard Group, Inc.	BUY	34.20	Ordinary	9,198	9,198
8-Jan-20	The Vanguard Group, Inc.	BUY	34.46	Ordinary	7,890	7,890
9-Jan-20	The Vanguard Group, Inc.	BUY	35.02	Ordinary	1,735	1,735
9-Jan-20	The Vanguard Group, Inc.	BUY	35.02	Ordinary	1,321	1,321
9-Jan-20	The Vanguard Group, Inc.	BUY	35.18	Ordinary	1,221	1,221
9-Jan-20	The Vanguard Group, Inc.	BUY	35.18	Ordinary	13,122	13,122
9-Jan-20	The Vanguard Group, Inc.	BUY	35.18	Ordinary	2,367	2,367
9-Jan-20	The Vanguard Group, Inc.	SELL	35.02	Ordinary	(2,119)	(2,119)
10-Jan-20	The Vanguard Group, Inc.	BUY	35.33	Ordinary	638	638
13-Jan-20	The Vanguard Group, Inc.	BUY	35.66	Ordinary	1,239	1,239
14-Jan-20	The Vanguard Group, Inc.	SELL	35.79	Ordinary	(11,369)	(11,369)
15-Jan-20	The Vanguard Group, Inc.	BUY	36.08	Ordinary	5,832	5,832
16-Jan-20	The Vanguard Group, Inc.	BUY	36.84	Ordinary	319	319
16-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	1,221	1,221



Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
16-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	814	814
16-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	1,628	1,628
16-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	6,561	6,561
17-Jan-20	The Vanguard Group, Inc.	BUY	36.98	Ordinary	884	884
17-Jan-20	The Vanguard Group, Inc.	BUY	37.15	Ordinary	6,561	6,561
17-Jan-20	The Vanguard Group, Inc.	BUY	37.15	Ordinary	5,832	5,832
21-Jan-20	The Vanguard Group, Inc.	BUY	36.65	Ordinary	8,370	8,370
22-Jan-20	The Vanguard Group, Inc.	BUY	37.08	Ordinary	1,239	1,239
22-Jan-20	The Vanguard Group, Inc.	BUY	36.95	Ordinary	4,374	4,374
22-Jan-20	The Vanguard Group, Inc.	BUY	37.24	Ordinary	16,857	16,857
23-Jan-20	The Vanguard Group, Inc.	BUY	36.90	Ordinary	319	319
23-Jan-20	The Vanguard Group, Inc.	BUY	36.90	Ordinary	638	638
23-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	1,628	1,628
23-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	3,645	3,645
23-Jan-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	2,630	2,630
24-Jan-20	The Vanguard Group, Inc.	BUY	36.40	Ordinary	1,221	1,221
24-Jan-20	The Vanguard Group, Inc.	BUY	36.85	Ordinary	15,804	15,804
28-Jan-20	The Vanguard Group, Inc.	BUY	35.92	Ordinary	407	407
28-Jan-20	The Vanguard Group, Inc.	SELL	35.35	Ordinary	(578)	(578)
28-Jan-20	The Vanguard Group, Inc.	BUY	35.42	Ordinary	20,234	20,234
29-Jan-20	The Vanguard Group, Inc.	BUY	35.74	Ordinary	638	638
30-Jan-20	The Vanguard Group, Inc.	BUY	35.77	Ordinary	319	319
30-Jan-20	The Vanguard Group, Inc.	BUY	35.77	Ordinary	319	319
30-Jan-20	The Vanguard Group, Inc.	BUY	36.10	Ordinary	407	407
31-Jan-20	The Vanguard Group, Inc.	BUY	36.20	Ordinary	1,689	1,689
31-Jan-20	The Vanguard Group, Inc.	BUY	36.20	Ordinary	10,974	10,974
31-Jan-20	The Vanguard Group, Inc.	BUY	35.63	Ordinary	1,221	1,221
31-Jan-20	The Vanguard Group, Inc.	BUY	35.63	Ordinary	4,374	4,374
31-Jan-20	The Vanguard Group, Inc.	BUY	35.63	Ordinary	4,374	4,374
3-Feb-20	The Vanguard Group, Inc.	BUY	35.59	Ordinary	3,717	3,717
3-Feb-20	The Vanguard Group, Inc.	BUY	35.62	Ordinary	405	405
3-Feb-20	The Vanguard Group, Inc.	BUY	35.60	Ordinary	8,243	8,243
3-Feb-20	The Vanguard Group, Inc.	BUY	35.62	Ordinary	9,205	9,205
3-Feb-20	The Vanguard Group, Inc.	BUY	35.60	Ordinary	29,385	29,385
3-Feb-20	The Vanguard Group, Inc.	BUY	35.59	Ordinary	4,114	4,114
4-Feb-20	The Vanguard Group, Inc.	BUY	36.19	Ordinary	83	83
4-Feb-20	The Vanguard Group, Inc.	BUY	36.19	Ordinary	957	957
4-Feb-20	The Vanguard Group, Inc.	BUY	36.19	Ordinary	1,452	1,452
4-Feb-20	The Vanguard Group, Inc.	BUY	36.42	Ordinary	2,240	2,240
4-Feb-20	The Vanguard Group, Inc.	BUY	36.42	Ordinary	8,960	8,960
4-Feb-20	The Vanguard Group, Inc.	BUY	36.42	Ordinary	4,734	4,734
5-Feb-20	The Vanguard Group, Inc.	BUY	37.21	Ordinary	14,060	14,060
5-Feb-20	The Vanguard Group, Inc.	BUY	37.21	Ordinary	5,180	5,180
5-Feb-20	The Vanguard Group, Inc.	BUY	37.21	Ordinary	6,575	6,575
6-Feb-20	The Vanguard Group, Inc.	BUY	37.28	Ordinary	1,212	1,212
7-Feb-20	The Vanguard Group, Inc.	BUY	36.58	Ordinary	2,104	2,104
10-Feb-20	The Vanguard Group, Inc.	BUY	36.65	Ordinary	638	638
10-Feb-20	The Vanguard Group, Inc.	BUY	36.65	Ordinary	1,239	1,239
10-Feb-20	The Vanguard Group, Inc.	BUY	36.92	Ordinary	6,705	6,705
11-Feb-20	The Vanguard Group, Inc.	BUY	36.87	Ordinary	1,191	1,191
11-Feb-20	The Vanguard Group, Inc.	BUY	36.87	Ordinary	794	794
11-Feb-20	The Vanguard Group, Inc.	BUY	36.87	Ordinary	4,470	4,470
11-Feb-20	The Vanguard Group, Inc.	BUY	37.08	Ordinary	16,346	16,346
12-Feb-20	The Vanguard Group, Inc.	BUY	37.18	Ordinary	571	571
12-Feb-20	The Vanguard Group, Inc.	BUY	37.18	Ordinary	9,993	9,993
13-Feb-20	The Vanguard Group, Inc.	BUY	37.44	Ordinary	319	319
13-Feb-20	The Vanguard Group, Inc.	BUY	37.44	Ordinary	319	319
13-Feb-20	The Vanguard Group, Inc.	SELL	37.55	Ordinary	(275)	(275)
13-Feb-20	The Vanguard Group, Inc.	BUY	37.48	Ordinary	9,685	9,685
14-Feb-20	The Vanguard Group, Inc.	BUY	37.12	Ordinary	1,930	1,930
14-Feb-20	The Vanguard Group, Inc.	BUY	37.12	Ordinary	772	772
14-Feb-20	The Vanguard Group, Inc.	BUY	37.12	Ordinary	4,470	4,470
14-Feb-20	The Vanguard Group, Inc.	SELL	37.15	Ordinary	(4,672)	(4,672)
18-Feb-20	The Vanguard Group, Inc.	BUY	36.60	Ordinary	1,864	1,864
19-Feb-20	The Vanguard Group, Inc.	BUY	37.50	Ordinary	3,725	3,725
19-Feb-20	The Vanguard Group, Inc.	BUY	37.37	Ordinary	16,712	16,712
19-Feb-20	The Vanguard Group, Inc.	BUY	37.04	Ordinary	21,206	21,206
20-Feb-20	The Vanguard Group, Inc.	BUY	37.69	Ordinary	8,673	8,673
20-Feb-20	The Vanguard Group, Inc.	BUY	37.71	Ordinary	760	760

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20-Feb-20	The Vanguard Group, Inc.	BUY	37.90	Ordinary	16,319	16,319
21-Feb-20	The Vanguard Group, Inc.	BUY	37.43	Ordinary	1,267	1,267
21-Feb-20	The Vanguard Group, Inc.	BUY	37.43	Ordinary	920	920
21-Feb-20	The Vanguard Group, Inc.	BUY	37.16	Ordinary	5,960	5,960
24-Feb-20	The Vanguard Group, Inc.	SELL	35.94	Ordinary	(3,200)	(3,200)
25-Feb-20	The Vanguard Group, Inc.	BUY	35.64	Ordinary	623	623
25-Feb-20	The Vanguard Group, Inc.	SELL	35.99	Ordinary	(12,050)	(12,050)
25-Feb-20	The Vanguard Group, Inc.	BUY	34.78	Ordinary	1,140	1,140
25-Feb-20	The Vanguard Group, Inc.	BUY	34.78	Ordinary	4,470	4,470
25-Feb-20	The Vanguard Group, Inc.	BUY	35.99	Ordinary	19,309	19,309
25-Feb-20	The Vanguard Group, Inc.	BUY	35.64	Ordinary	27,190	27,190
25-Feb-20	The Vanguard Group, Inc.	SELL	35.13	Ordinary	(2,129)	(2,129)
26-Feb-20	The Vanguard Group, Inc.	BUY	35.23	Ordinary	1,517	1,517
26-Feb-20	The Vanguard Group, Inc.	BUY	35.02	Ordinary	1,308	1,308
26-Feb-20	The Vanguard Group, Inc.	BUY	35.02	Ordinary	16,524	16,524
26-Feb-20	The Vanguard Group, Inc.	BUY	35.23	Ordinary	20,812	20,812
27-Feb-20	The Vanguard Group, Inc.	BUY	35.06	Ordinary	12,680	12,680
27-Feb-20	The Vanguard Group, Inc.	BUY	32.72	Ordinary	380	380
27-Feb-20	The Vanguard Group, Inc.	BUY	32.72	Ordinary	4,940	4,940
28-Feb-20	The Vanguard Group, Inc.	SELL	33.08	Ordinary	(2,281)	(2,281)
28-Feb-20	The Vanguard Group, Inc.	BUY	33.11	Ordinary	43,162	43,162
28-Feb-20	The Vanguard Group, Inc.	BUY	32.49	Ordinary	23,299	23,299
2-Mar-20	The Vanguard Group, Inc.	SELL	32.50	Ordinary	(489)	(489)
2-Mar-20	The Vanguard Group, Inc.	SELL	33.71	Ordinary	(5,960)	(5,960)
3-Mar-20	The Vanguard Group, Inc.	BUY	33.54	Ordinary	319	319
4-Mar-20	The Vanguard Group, Inc.	BUY	33.27	Ordinary	303	303
4-Mar-20	The Vanguard Group, Inc.	BUY	33.27	Ordinary	638	638
4-Mar-20	The Vanguard Group, Inc.	BUY	33.27	Ordinary	319	319
4-Mar-20	The Vanguard Group, Inc.	BUY	33.27	Ordinary	319	319
5-Mar-20	The Vanguard Group, Inc.	SELL	34.01	Ordinary	(1,048)	(1,048)
5-Mar-20	The Vanguard Group, Inc.	SELL	33.70	Ordinary	(69,153)	(69,153)
6-Mar-20	The Vanguard Group, Inc.	SELL	31.92	Ordinary	(50,730)	(50,730)
6-Mar-20	The Vanguard Group, Inc.	SELL	31.52	Ordinary	(4,470)	(4,470)
9-Mar-20	The Vanguard Group, Inc.	SELL	28.81	Ordinary	(12,591)	(12,591)
10-Mar-20	The Vanguard Group, Inc.	BUY	29.90	Ordinary	319	319
10-Mar-20	The Vanguard Group, Inc.	SELL	29.90	Ordinary	(4,402)	(4,402)
10-Mar-20	The Vanguard Group, Inc.	BUY	30.50	Ordinary	1,900	1,900
10-Mar-20	The Vanguard Group, Inc.	SELL	27.91	Ordinary	(473)	(473)
10-Mar-20	The Vanguard Group, Inc.	SELL	30.50	Ordinary	(3,725)	(3,725)
10-Mar-20	The Vanguard Group, Inc.	BUY	28.52	Ordinary	43,011	43,011
11-Mar-20	The Vanguard Group, Inc.	BUY	29.00	Ordinary	1,807	1,807
11-Mar-20	The Vanguard Group, Inc.	BUY	28.81	Ordinary	1,140	1,140
11-Mar-20	The Vanguard Group, Inc.	SELL	28.81	Ordinary	(2,235)	(2,235)
11-Mar-20	The Vanguard Group, Inc.	BUY	29.98	Ordinary	38,521	38,521
11-Mar-20	The Vanguard Group, Inc.	SELL	30.28	Ordinary	(2,132)	(2,132)
12-Mar-20	The Vanguard Group, Inc.	BUY	25.64	Ordinary	638	638
12-Mar-20	The Vanguard Group, Inc.	BUY	25.64	Ordinary	319	319
12-Mar-20	The Vanguard Group, Inc.	BUY	25.64	Ordinary	2,149	2,149
12-Mar-20	The Vanguard Group, Inc.	SELL	24.13	Ordinary	(8,195)	(8,195)
12-Mar-20	The Vanguard Group, Inc.	BUY	27.71	Ordinary	21,846	21,846
13-Mar-20	The Vanguard Group, Inc.	BUY	27.91	Ordinary	238	238
13-Mar-20	The Vanguard Group, Inc.	BUY	28.90	Ordinary	2,280	2,280
13-Mar-20	The Vanguard Group, Inc.	BUY	23.75	Ordinary	42,515	42,515
13-Mar-20	The Vanguard Group, Inc.	BUY	27.91	Ordinary	38,548	38,548
16-Mar-20	The Vanguard Group, Inc.	BUY	22.24	Ordinary	518	518
16-Mar-20	The Vanguard Group, Inc.	BUY	23.07	Ordinary	638	638
16-Mar-20	The Vanguard Group, Inc.	BUY	22.24	Ordinary	319	319
16-Mar-20	The Vanguard Group, Inc.	BUY	22.24	Ordinary	1,243	1,243
16-Mar-20	The Vanguard Group, Inc.	BUY	21.11	Ordinary	1,140	1,140
16-Mar-20	The Vanguard Group, Inc.	SELL	21.11	Ordinary	(2,240)	(2,240)
16-Mar-20	The Vanguard Group, Inc.	SELL	21.11	Ordinary	(1,920)	(1,920)
17-Mar-20	The Vanguard Group, Inc.	SELL	21.32	Ordinary	(573)	(573)
17-Mar-20	The Vanguard Group, Inc.	BUY	21.32	Ordinary	301	301
17-Mar-20	The Vanguard Group, Inc.	BUY	22.60	Ordinary	3,040	3,040
17-Mar-20	The Vanguard Group, Inc.	SELL	22.60	Ordinary	(5,960)	(5,960)
17-Mar-20	The Vanguard Group, Inc.	SELL	22.60	Ordinary	(7,450)	(7,450)
17-Mar-20	The Vanguard Group, Inc.	BUY	22.60	Ordinary	2,600	2,600
17-Mar-20	The Vanguard Group, Inc.	BUY	22.60	Ordinary	2,340	2,340
17-Mar-20	The Vanguard Group, Inc.	BUY	21.52	Ordinary	72,183	72,183

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17-Mar-20	The Vanguard Group, Inc.	SELL	22.60	Ordinary	(2,560)	(2,560)
18-Mar-20	The Vanguard Group, Inc.	BUY	19.01	Ordinary	319	319
18-Mar-20	The Vanguard Group, Inc.	BUY	19.01	Ordinary	638	638
18-Mar-20	The Vanguard Group, Inc.	BUY	20.19	Ordinary	2,280	2,280
18-Mar-20	The Vanguard Group, Inc.	BUY	20.23	Ordinary	44,798	44,798
19-Mar-20	The Vanguard Group, Inc.	BUY	18.53	Ordinary	128	128
19-Mar-20	The Vanguard Group, Inc.	BUY	18.11	Ordinary	3,040	3,040
19-Mar-20	The Vanguard Group, Inc.	BUY	18.11	Ordinary	4,940	4,940
19-Mar-20	The Vanguard Group, Inc.	BUY	18.53	Ordinary	31,418	31,418
20-Mar-20	The Vanguard Group, Inc.	BUY	17.54	Ordinary	146	146
20-Mar-20	The Vanguard Group, Inc.	BUY	17.54	Ordinary	340	340
20-Mar-20	The Vanguard Group, Inc.	SELL	18.19	Ordinary	(21,372)	(21,372)
20-Mar-20	The Vanguard Group, Inc.	BUY	18.29	Ordinary	59,226	59,226
20-Mar-20	The Vanguard Group, Inc.	SELL	17.16	Ordinary	(3,200)	(3,200)
23-Mar-20	The Vanguard Group, Inc.	BUY	15.44	Ordinary	340	340
23-Mar-20	The Vanguard Group, Inc.	BUY	15.44	Ordinary	1,244	1,244
23-Mar-20	The Vanguard Group, Inc.	SELL	15.84	Ordinary	(474)	(474)
23-Mar-20	The Vanguard Group, Inc.	SELL	15.84	Ordinary	(10,455)	(10,455)
23-Mar-20	The Vanguard Group, Inc.	SELL	15.78	Ordinary	(2,560)	(2,560)
24-Mar-20	The Vanguard Group, Inc.	BUY	17.09	Ordinary	340	340
24-Mar-20	The Vanguard Group, Inc.	BUY	15.72	Ordinary	41,465	41,465
24-Mar-20	The Vanguard Group, Inc.	SELL	15.24	Ordinary	(4,169)	(4,169)
25-Mar-20	The Vanguard Group, Inc.	SELL	21.30	Ordinary	(2,240)	(2,240)
25-Mar-20	The Vanguard Group, Inc.	BUY	19.21	Ordinary	43,310	43,310
26-Mar-20	The Vanguard Group, Inc.	SELL	21.51	Ordinary	(1,920)	(1,920)
27-Mar-20	The Vanguard Group, Inc.	BUY	20.17	Ordinary	680	680
27-Mar-20	The Vanguard Group, Inc.	BUY	20.17	Ordinary	680	680
27-Mar-20	The Vanguard Group, Inc.	BUY	20.17	Ordinary	261	261
27-Mar-20	The Vanguard Group, Inc.	BUY	20.17	Ordinary	21,926	21,926
30-Mar-20	The Vanguard Group, Inc.	BUY	21.59	Ordinary	1,229	1,229
30-Mar-20	The Vanguard Group, Inc.	BUY	22.01	Ordinary	1,900	1,900
31-Mar-20	The Vanguard Group, Inc.	BUY	21.35	Ordinary	340	340
31-Mar-20	The Vanguard Group, Inc.	BUY	21.35	Ordinary	685	685
31-Mar-20	The Vanguard Group, Inc.	BUY	21.35	Ordinary	6,533	6,533
31-Mar-20	The Vanguard Group, Inc.	BUY	21.07	Ordinary	1,140	1,140
31-Mar-20	The Vanguard Group, Inc.	SELL	21.35	Ordinary	(12,398)	(12,398)
1-Apr-20	The Vanguard Group, Inc.	BUY	22.38	Ordinary	621	621
1-Apr-20	The Vanguard Group, Inc.	BUY	21.78	Ordinary	2,456	2,456
1-Apr-20	The Vanguard Group, Inc.	BUY	21.78	Ordinary	774	774
1-Apr-20	The Vanguard Group, Inc.	BUY	21.40	Ordinary	1,520	1,520
2-Apr-20	The Vanguard Group, Inc.	BUY	21.80	Ordinary	760	760
2-Apr-20	The Vanguard Group, Inc.	BUY	21.80	Ordinary	2,600	2,600
3-Apr-20	The Vanguard Group, Inc.	BUY	21.31	Ordinary	7,061	7,061
3-Apr-20	The Vanguard Group, Inc.	SELL	21.31	Ordinary	(1,232)	(1,232)
6-Apr-20	The Vanguard Group, Inc.	BUY	20.64	Ordinary	340	340
7-Apr-20	The Vanguard Group, Inc.	BUY	21.75	Ordinary	340	340
7-Apr-20	The Vanguard Group, Inc.	BUY	21.75	Ordinary	3,684	3,684
7-Apr-20	The Vanguard Group, Inc.	BUY	21.39	Ordinary	1,900	1,900
8-Apr-20	The Vanguard Group, Inc.	BUY	22.56	Ordinary	1,140	1,140
8-Apr-20	The Vanguard Group, Inc.	BUY	22.56	Ordinary	3,380	3,380
9-Apr-20	The Vanguard Group, Inc.	BUY	22.90	Ordinary	974	974
9-Apr-20	The Vanguard Group, Inc.	BUY	23.06	Ordinary	1,140	1,140
14-Apr-20	The Vanguard Group, Inc.	BUY	23.31	Ordinary	3,040	3,040
15-Apr-20	The Vanguard Group, Inc.	BUY	23.70	Ordinary	1,520	1,520
15-Apr-20	The Vanguard Group, Inc.	SELL	23.70	Ordinary	(2,996)	(2,996)
15-Apr-20	The Vanguard Group, Inc.	SELL	23.70	Ordinary	(6,741)	(6,741)
15-Apr-20	The Vanguard Group, Inc.	SELL	23.70	Ordinary	(5,992)	(5,992)
16-Apr-20	The Vanguard Group, Inc.	BUY	22.50	Ordinary	1,227	1,227
16-Apr-20	The Vanguard Group, Inc.	BUY	22.55	Ordinary	1,900	1,900
17-Apr-20	The Vanguard Group, Inc.	BUY	23.58	Ordinary	3,040	3,040
17-Apr-20	The Vanguard Group, Inc.	BUY	23.58	Ordinary	2,800	2,800
17-Apr-20	The Vanguard Group, Inc.	BUY	23.58	Ordinary	1,820	1,820
20-Apr-20	The Vanguard Group, Inc.	SELL	23.41	Ordinary	(856)	(856)
20-Apr-20	The Vanguard Group, Inc.	BUY	23.10	Ordinary	3,640	3,640
20-Apr-20	The Vanguard Group, Inc.	BUY	23.10	Ordinary	2,080	2,080
22-Apr-20	The Vanguard Group, Inc.	BUY	21.78	Ordinary	15,609	15,609
22-Apr-20	The Vanguard Group, Inc.	SELL	21.78	Ordinary	(653)	(653)
27-Apr-20	The Vanguard Group, Inc.	BUY	22.23	Ordinary	736	736
28-Apr-20	The Vanguard Group, Inc.	BUY	22.91	Ordinary	2,600	2,600

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30-Apr-20	The Vanguard Group, Inc.	BUY	25.00	Ordinary	7,921	7,921
30-Apr-20	The Vanguard Group, Inc.	SELL	25.17	Ordinary	(6,741)	(6,741)
1-May-20	The Vanguard Group, Inc.	SELL	23.73	Ordinary	(8,988)	(8,988)
1-May-20	The Vanguard Group, Inc.	SELL	23.73	Ordinary	(2,564)	(2,564)
4-May-20	The Vanguard Group, Inc.	BUY	24.39	Ordinary	2,576	2,576
4-May-20	The Vanguard Group, Inc.	BUY	24.39	Ordinary	736	736
5-May-20	The Vanguard Group, Inc.	BUY	24.65	Ordinary	2,936	2,936
6-May-20	The Vanguard Group, Inc.	BUY	24.57	Ordinary	2,606	2,606
6-May-20	The Vanguard Group, Inc.	BUY	24.30	Ordinary	2,920	2,920
7-May-20	The Vanguard Group, Inc.	BUY	25.00	Ordinary	340	340
7-May-20	The Vanguard Group, Inc.	SELL	24.23	Ordinary	(503)	(503)
7-May-20	The Vanguard Group, Inc.	SELL	24.23	Ordinary	(1,252)	(1,252)
8-May-20	The Vanguard Group, Inc.	SELL	25.06	Ordinary	(4,487)	(4,487)
11-May-20	The Vanguard Group, Inc.	BUY	25.32	Ordinary	730	730
11-May-20	The Vanguard Group, Inc.	SELL	25.42	Ordinary	(9,172)	(9,172)
12-May-20	The Vanguard Group, Inc.	BUY	25.58	Ordinary	340	340
13-May-20	The Vanguard Group, Inc.	BUY	25.98	Ordinary	1,225	1,225
13-May-20	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(11,589)	(11,589)
14-May-20	The Vanguard Group, Inc.	SELL	25.63	Ordinary	(1,202)	(1,202)
15-May-20	The Vanguard Group, Inc.	BUY	25.22	Ordinary	1,224	1,224
15-May-20	The Vanguard Group, Inc.	SELL	25.45	Ordinary	(13,651)	(13,651)
15-May-20	The Vanguard Group, Inc.	BUY	25.22	Ordinary	2,335	2,335
15-May-20	The Vanguard Group, Inc.	BUY	25.42	Ordinary	17,883	17,883
18-May-20	The Vanguard Group, Inc.	BUY	26.45	Ordinary	1,905	1,905
19-May-20	The Vanguard Group, Inc.	BUY	26.52	Ordinary	2,298	2,298
20-May-20	The Vanguard Group, Inc.	BUY	27.75	Ordinary	1,524	1,524
20-May-20	The Vanguard Group, Inc.	SELL	26.60	Ordinary	(1,509)	(1,509)
21-May-20	The Vanguard Group, Inc.	BUY	25.98	Ordinary	951	951
21-May-20	The Vanguard Group, Inc.	BUY	25.97	Ordinary	1,227	1,227
22-May-20	The Vanguard Group, Inc.	BUY	25.52	Ordinary	3,519	3,519
22-May-20	The Vanguard Group, Inc.	BUY	25.76	Ordinary	1,520	1,520
22-May-20	The Vanguard Group, Inc.	SELL	25.60	Ordinary	(1,999)	(1,999)
26-May-20	The Vanguard Group, Inc.	BUY	26.43	Ordinary	760	760
27-May-20	The Vanguard Group, Inc.	BUY	26.72	Ordinary	574	574
28-May-20	The Vanguard Group, Inc.	BUY	26.60	Ordinary	7,692	7,692
29-May-20	The Vanguard Group, Inc.	BUY	25.84	Ordinary	4,800	4,800
29-May-20	The Vanguard Group, Inc.	SELL	25.88	Ordinary	(3,156)	(3,156)
29-May-20	The Vanguard Group, Inc.	BUY	25.84	Ordinary	2,772	2,772
1-Jun-20	The Vanguard Group, Inc.	BUY	25.61	Ordinary	2,489	2,489
1-Jun-20	The Vanguard Group, Inc.	BUY	26.50	Ordinary	3,205	3,205
2-Jun-20	The Vanguard Group, Inc.	BUY	26.51	Ordinary	12,458	12,458
2-Jun-20	The Vanguard Group, Inc.	BUY	26.74	Ordinary	9,615	9,615
3-Jun-20	The Vanguard Group, Inc.	BUY	26.92	Ordinary	340	340
3-Jun-20	The Vanguard Group, Inc.	BUY	27.19	Ordinary	2,280	2,280
4-Jun-20	The Vanguard Group, Inc.	SELL	27.38	Ordinary	(34,221)	(34,221)
4-Jun-20	The Vanguard Group, Inc.	BUY	27.24	Ordinary	3,205	3,205
5-Jun-20	The Vanguard Group, Inc.	BUY	27.54	Ordinary	1,140	1,140
5-Jun-20	The Vanguard Group, Inc.	SELL	27.18	Ordinary	(26,907)	(26,907)
9-Jun-20	The Vanguard Group, Inc.	BUY	28.10	Ordinary	1,228	1,228
9-Jun-20	The Vanguard Group, Inc.	SELL	27.90	Ordinary	(3,156)	(3,156)
9-Jun-20	The Vanguard Group, Inc.	SELL	27.93	Ordinary	(7,650)	(7,650)
9-Jun-20	The Vanguard Group, Inc.	SELL	28.31	Ordinary	(47,232)	(47,232)
10-Jun-20	The Vanguard Group, Inc.	SELL	27.70	Ordinary	(35,919)	(35,919)
10-Jun-20	The Vanguard Group, Inc.	SELL	28.05	Ordinary	(20,032)	(20,032)
11-Jun-20	The Vanguard Group, Inc.	SELL	25.40	Ordinary	(3,060)	(3,060)
11-Jun-20	The Vanguard Group, Inc.	SELL	25.40	Ordinary	(7,650)	(7,650)
11-Jun-20	The Vanguard Group, Inc.	SELL	25.40	Ordinary	(4,590)	(4,590)
11-Jun-20	The Vanguard Group, Inc.	BUY	25.40	Ordinary	3,205	3,205
11-Jun-20	The Vanguard Group, Inc.	SELL	26.59	Ordinary	(16,574)	(16,574)
15-Jun-20	The Vanguard Group, Inc.	BUY	26.10	Ordinary	764	764
15-Jun-20	The Vanguard Group, Inc.	SELL	26.10	Ordinary	(4,602)	(4,602)
17-Jun-20	The Vanguard Group, Inc.	BUY	27.10	Ordinary	8,331	8,331
17-Jun-20	The Vanguard Group, Inc.	BUY	26.88	Ordinary	1,173	1,173
18-Jun-20	The Vanguard Group, Inc.	BUY	26.66	Ordinary	782	782
19-Jun-20	The Vanguard Group, Inc.	BUY	26.88	Ordinary	1,195	1,195
19-Jun-20	The Vanguard Group, Inc.	SELL	26.57	Ordinary	(1,542)	(1,542)
19-Jun-20	The Vanguard Group, Inc.	SELL	26.88	Ordinary	(5,077)	(5,077)
19-Jun-20	The Vanguard Group, Inc.	SELL	26.57	Ordinary	(3,626)	(3,626)
19-Jun-20	The Vanguard Group, Inc.	SELL	26.82	Ordinary	(6,455)	(6,455)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
19-Jun-20	The Vanguard Group, Inc.	SELL	26.82	Ordinary	(13,280)	(13,280)
22-Jun-20	The Vanguard Group, Inc.	BUY	26.20	Ordinary	650	650
22-Jun-20	The Vanguard Group, Inc.	SELL	26.20	Ordinary	(1,510)	(1,510)
22-Jun-20	The Vanguard Group, Inc.	BUY	26.20	Ordinary	4,344	4,344
23-Jun-20	The Vanguard Group, Inc.	BUY	26.38	Ordinary	758	758
24-Jun-20	The Vanguard Group, Inc.	SELL	25.43	Ordinary	(5,090)	(5,090)
24-Jun-20	The Vanguard Group, Inc.	SELL	25.43	Ordinary	(1,527)	(1,527)
24-Jun-20	The Vanguard Group, Inc.	SELL	25.43	Ordinary	(4,602)	(4,602)
24-Jun-20	The Vanguard Group, Inc.	SELL	25.43	Ordinary	(2,508)	(2,508)
24-Jun-20	The Vanguard Group, Inc.	SELL	26.49	Ordinary	(31,931)	(31,931)
29-Jun-20	The Vanguard Group, Inc.	BUY	25.27	Ordinary	1,173	1,173
30-Jun-20	The Vanguard Group, Inc.	BUY	25.50	Ordinary	13,339	13,339
30-Jun-20	The Vanguard Group, Inc.	BUY	25.95	Ordinary	391	391
30-Jun-20	The Vanguard Group, Inc.	SELL	25.95	Ordinary	(3,835)	(3,835)
2-Jul-20	The Vanguard Group, Inc.	BUY	26.77	Ordinary	325	325
6-Jul-20	The Vanguard Group, Inc.	BUY	26.10	Ordinary	650	650
6-Jul-20	The Vanguard Group, Inc.	BUY	26.17	Ordinary	1,173	1,173
6-Jul-20	The Vanguard Group, Inc.	BUY	26.17	Ordinary	2,280	2,280
7-Jul-20	The Vanguard Group, Inc.	BUY	25.99	Ordinary	317	317
7-Jul-20	The Vanguard Group, Inc.	SELL	26.24	Ordinary	(45,540)	(45,540)
8-Jul-20	The Vanguard Group, Inc.	BUY	25.05	Ordinary	325	325
8-Jul-20	The Vanguard Group, Inc.	SELL	25.48	Ordinary	(439)	(439)
9-Jul-20	The Vanguard Group, Inc.	SELL	25.36	Ordinary	(23,055)	(23,055)
10-Jul-20	The Vanguard Group, Inc.	BUY	24.18	Ordinary	322	322
15-Jul-20	The Vanguard Group, Inc.	SELL	26.35	Ordinary	(7,692)	(7,692)
15-Jul-20	The Vanguard Group, Inc.	SELL	26.35	Ordinary	(2,564)	(2,564)
16-Jul-20	The Vanguard Group, Inc.	SELL	26.25	Ordinary	(26,534)	(26,534)
17-Jul-20	The Vanguard Group, Inc.	BUY	26.01	Ordinary	1,564	1,564
17-Jul-20	The Vanguard Group, Inc.	BUY	26.01	Ordinary	1,173	1,173
21-Jul-20	The Vanguard Group, Inc.	BUY	25.57	Ordinary	5,526	5,526
23-Jul-20	The Vanguard Group, Inc.	SELL	26.41	Ordinary	(25,462)	(25,462)
29-Jul-20	The Vanguard Group, Inc.	SELL	25.09	Ordinary	(25,336)	(25,336)
30-Jul-20	The Vanguard Group, Inc.	BUY	26.15	Ordinary	234	234
31-Jul-20	The Vanguard Group, Inc.	BUY	26.18	Ordinary	327	327
31-Jul-20	The Vanguard Group, Inc.	BUY	26.18	Ordinary	702	702
31-Jul-20	The Vanguard Group, Inc.	BUY	26.00	Ordinary	11,839	11,839
3-Aug-20	The Vanguard Group, Inc.	BUY	25.80	Ordinary	3,672	3,672
3-Aug-20	The Vanguard Group, Inc.	BUY	26.03	Ordinary	1,173	1,173
4-Aug-20	The Vanguard Group, Inc.	BUY	27.60	Ordinary	323	323
4-Aug-20	The Vanguard Group, Inc.	BUY	27.74	Ordinary	782	782
5-Aug-20	The Vanguard Group, Inc.	BUY	27.07	Ordinary	1,173	1,173
5-Aug-20	The Vanguard Group, Inc.	BUY	27.07	Ordinary	1,173	1,173
5-Aug-20	The Vanguard Group, Inc.	SELL	27.51	Ordinary	(437)	(437)
11-Aug-20	The Vanguard Group, Inc.	BUY	28.79	Ordinary	6,711	6,711
12-Aug-20	The Vanguard Group, Inc.	BUY	27.91	Ordinary	319	319
13-Aug-20	The Vanguard Group, Inc.	BUY	28.00	Ordinary	325	325
13-Aug-20	The Vanguard Group, Inc.	SELL	28.02	Ordinary	(2,545)	(2,545)
13-Aug-20	The Vanguard Group, Inc.	SELL	28.02	Ordinary	(2,564)	(2,564)
17-Aug-20	The Vanguard Group, Inc.	BUY	27.55	Ordinary	1,173	1,173
17-Aug-20	The Vanguard Group, Inc.	BUY	27.55	Ordinary	6,903	6,903
17-Aug-20	The Vanguard Group, Inc.	BUY	27.55	Ordinary	9,204	9,204
17-Aug-20	The Vanguard Group, Inc.	BUY	27.55	Ordinary	4,560	4,560
18-Aug-20	The Vanguard Group, Inc.	BUY	28.02	Ordinary	5,257	5,257
18-Aug-20	The Vanguard Group, Inc.	BUY	28.08	Ordinary	25,514	25,514
18-Aug-20	The Vanguard Group, Inc.	SELL	28.08	Ordinary	(25,514)	(25,514)
18-Aug-20	The Vanguard Group, Inc.	BUY	28.08	Ordinary	2,736	2,736
20-Aug-20	The Vanguard Group, Inc.	BUY	28.41	Ordinary	1,065	1,065
20-Aug-20	The Vanguard Group, Inc.	BUY	28.41	Ordinary	1,596	1,596
21-Aug-20	The Vanguard Group, Inc.	SELL	28.36	Ordinary	(1,690)	(1,690)
21-Aug-20	The Vanguard Group, Inc.	BUY	28.36	Ordinary	325	325
25-Aug-20	The Vanguard Group, Inc.	BUY	28.97	Ordinary	3,697	3,697
27-Aug-20	The Vanguard Group, Inc.	BUY	29.31	Ordinary	3,835	3,835
27-Aug-20	The Vanguard Group, Inc.	BUY	29.31	Ordinary	4,788	4,788
28-Aug-20	The Vanguard Group, Inc.	BUY	28.74	Ordinary	325	325
31-Aug-20	The Vanguard Group, Inc.	SELL	28.39	Ordinary	(3,957)	(3,957)
31-Aug-20	The Vanguard Group, Inc.	BUY	28.25	Ordinary	1,173	1,173
1-Sep-20	The Vanguard Group, Inc.	BUY	27.87	Ordinary	391	391
1-Sep-20	The Vanguard Group, Inc.	BUY	27.87	Ordinary	255,057	255,057
1-Sep-20	The Vanguard Group, Inc.	SELL	27.87	Ordinary	(255,057)	(255,057)

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2-Sep-20	The Vanguard Group, Inc.	BUY	28.91	Ordinary	7,871	7,871
2-Sep-20	The Vanguard Group, Inc.	SELL	27.89	Ordinary	(431)	(431)
2-Sep-20	The Vanguard Group, Inc.	BUY	29.25	Ordinary	2,280	2,280
3-Sep-20	The Vanguard Group, Inc.	BUY	29.68	Ordinary	329	329
3-Sep-20	The Vanguard Group, Inc.	BUY	29.68	Ordinary	1,135	1,135
3-Sep-20	The Vanguard Group, Inc.	BUY	28.65	Ordinary	2,280	2,280
4-Sep-20	The Vanguard Group, Inc.	BUY	28.82	Ordinary	782	782
4-Sep-20	The Vanguard Group, Inc.	BUY	28.53	Ordinary	10,307	10,307
4-Sep-20	The Vanguard Group, Inc.	BUY	28.82	Ordinary	2,280	2,280
4-Sep-20	The Vanguard Group, Inc.	SELL	29.06	Ordinary	(8,701)	(8,701)
8-Sep-20	The Vanguard Group, Inc.	BUY	29.34	Ordinary	234	234
9-Sep-20	The Vanguard Group, Inc.	BUY	28.61	Ordinary	305	305
10-Sep-20	The Vanguard Group, Inc.	SELL	28.84	Ordinary	(5,637)	(5,637)
11-Sep-20	The Vanguard Group, Inc.	BUY	28.49	Ordinary	1,052	1,052
11-Sep-20	The Vanguard Group, Inc.	BUY	28.28	Ordinary	3,420	3,420
14-Sep-20	The Vanguard Group, Inc.	SELL	28.83	Ordinary	(7,685)	(7,685)
15-Sep-20	The Vanguard Group, Inc.	BUY	28.29	Ordinary	782	782
15-Sep-20	The Vanguard Group, Inc.	SELL	28.29	Ordinary	(5,938)	(5,938)
17-Sep-20	The Vanguard Group, Inc.	BUY	28.87	Ordinary	329	329
17-Sep-20	The Vanguard Group, Inc.	BUY	28.87	Ordinary	234	234
17-Sep-20	The Vanguard Group, Inc.	BUY	29.05	Ordinary	1,173	1,173
17-Sep-20	The Vanguard Group, Inc.	BUY	29.05	Ordinary	782	782
17-Sep-20	The Vanguard Group, Inc.	SELL	28.87	Ordinary	(11,295)	(11,295)
18-Sep-20	The Vanguard Group, Inc.	SELL	29.34	Ordinary	(233)	(233)
18-Sep-20	The Vanguard Group, Inc.	SELL	29.34	Ordinary	(783)	(783)
18-Sep-20	The Vanguard Group, Inc.	SELL	29.40	Ordinary	(4,896)	(4,896)
23-Sep-20	The Vanguard Group, Inc.	BUY	30.64	Ordinary	323	323
23-Sep-20	The Vanguard Group, Inc.	SELL	29.98	Ordinary	(522)	(522)
24-Sep-20	The Vanguard Group, Inc.	SELL	29.92	Ordinary	(11,692)	(11,692)
28-Sep-20	The Vanguard Group, Inc.	SELL	30.72	Ordinary	(7,427)	(7,427)
28-Sep-20	The Vanguard Group, Inc.	SELL	30.50	Ordinary	(4,415)	(4,415)
28-Sep-20	The Vanguard Group, Inc.	BUY	31.04	Ordinary	1,173	1,173
28-Sep-20	The Vanguard Group, Inc.	BUY	30.76	Ordinary	15,901	15,901
29-Sep-20	The Vanguard Group, Inc.	BUY	30.40	Ordinary	1,125	1,125
29-Sep-20	The Vanguard Group, Inc.	BUY	30.40	Ordinary	259,103	259,103
29-Sep-20	The Vanguard Group, Inc.	SELL	30.40	Ordinary	(259,103)	(259,103)
29-Sep-20	The Vanguard Group, Inc.	SELL	30.68	Ordinary	(4,005)	(4,005)
2-Oct-20	The Vanguard Group, Inc.	BUY	29.82	Ordinary	198	198
2-Oct-20	The Vanguard Group, Inc.	BUY	30.08	Ordinary	4,602	4,602
5-Oct-20	The Vanguard Group, Inc.	BUY	30.75	Ordinary	2,424	2,424
6-Oct-20	The Vanguard Group, Inc.	BUY	30.74	Ordinary	340	340
7-Oct-20	The Vanguard Group, Inc.	BUY	31.10	Ordinary	2,235	2,235
7-Oct-20	The Vanguard Group, Inc.	BUY	31.54	Ordinary	750	750
9-Oct-20	The Vanguard Group, Inc.	BUY	30.91	Ordinary	1,125	1,125
9-Oct-20	The Vanguard Group, Inc.	BUY	30.91	Ordinary	3,880	3,880
9-Oct-20	The Vanguard Group, Inc.	BUY	30.91	Ordinary	9,971	9,971
9-Oct-20	The Vanguard Group, Inc.	BUY	30.91	Ordinary	3,835	3,835
9-Oct-20	The Vanguard Group, Inc.	BUY	30.91	Ordinary	6,840	6,840
12-Oct-20	The Vanguard Group, Inc.	BUY	30.85	Ordinary	11,054	11,054
13-Oct-20	The Vanguard Group, Inc.	BUY	31.09	Ordinary	340	340
13-Oct-20	The Vanguard Group, Inc.	SELL	31.09	Ordinary	(6,339)	(6,339)
14-Oct-20	The Vanguard Group, Inc.	BUY	31.20	Ordinary	2,582	2,582
14-Oct-20	The Vanguard Group, Inc.	SELL	31.00	Ordinary	(225)	(225)
14-Oct-20	The Vanguard Group, Inc.	BUY	31.09	Ordinary	14,965	14,965
14-Oct-20	The Vanguard Group, Inc.	SELL	31.20	Ordinary	(6,428)	(6,428)
19-Oct-20	The Vanguard Group, Inc.	BUY	30.96	Ordinary	680	680
21-Oct-20	The Vanguard Group, Inc.	BUY	31.51	Ordinary	1,986	1,986
21-Oct-20	The Vanguard Group, Inc.	SELL	31.51	Ordinary	(4,717)	(4,717)
22-Oct-20	The Vanguard Group, Inc.	SELL	30.73	Ordinary	(8,325)	(8,325)
23-Oct-20	The Vanguard Group, Inc.	SELL	32.21	Ordinary	(1,026)	(1,026)
26-Oct-20	The Vanguard Group, Inc.	BUY	31.26	Ordinary	1,500	1,500
27-Oct-20	The Vanguard Group, Inc.	BUY	30.17	Ordinary	2,428	2,428
28-Oct-20	The Vanguard Group, Inc.	SELL	30.01	Ordinary	(170)	(170)
30-Oct-20	The Vanguard Group, Inc.	BUY	28.63	Ordinary	4,080	4,080
30-Oct-20	The Vanguard Group, Inc.	BUY	28.65	Ordinary	750	750
2-Nov-20	The Vanguard Group, Inc.	BUY	28.66	Ordinary	4,080	4,080
3-Nov-20	The Vanguard Group, Inc.	BUY	28.83	Ordinary	2,211	2,211
3-Nov-20	The Vanguard Group, Inc.	SELL	29.12	Ordinary	(22,977)	(22,977)
4-Nov-20	The Vanguard Group, Inc.	BUY	31.08	Ordinary	750	750

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5-Nov-20	The Vanguard Group, Inc.	BUY	31.91	Ordinary	6,999	6,999
6-Nov-20	The Vanguard Group, Inc.	BUY	31.67	Ordinary	340	340
9-Nov-20	The Vanguard Group, Inc.	BUY	32.60	Ordinary	1,012	1,012
10-Nov-20	The Vanguard Group, Inc.	SELL	32.73	Ordinary	(2,380)	(2,380)
10-Nov-20	The Vanguard Group, Inc.	BUY	32.89	Ordinary	750	750
10-Nov-20	The Vanguard Group, Inc.	SELL	33.44	Ordinary	(71,825)	(71,825)
11-Nov-20	The Vanguard Group, Inc.	SELL	33.07	Ordinary	(123)	(123)
13-Nov-20	The Vanguard Group, Inc.	BUY	32.44	Ordinary	5,054	5,054
16-Nov-20	The Vanguard Group, Inc.	BUY	32.68	Ordinary	1,500	1,500
16-Nov-20	The Vanguard Group, Inc.	BUY	32.68	Ordinary	3,104	3,104
17-Nov-20	The Vanguard Group, Inc.	BUY	33.31	Ordinary	2,040	2,040
17-Nov-20	The Vanguard Group, Inc.	BUY	32.90	Ordinary	8,659	8,659
18-Nov-20	The Vanguard Group, Inc.	BUY	34.31	Ordinary	750	750
19-Nov-20	The Vanguard Group, Inc.	BUY	34.59	Ordinary	115	115
20-Nov-20	The Vanguard Group, Inc.	BUY	33.96	Ordinary	776	776
20-Nov-20	The Vanguard Group, Inc.	BUY	33.96	Ordinary	1,655	1,655
24-Nov-20	The Vanguard Group, Inc.	BUY	34.26	Ordinary	375	375
25-Nov-20	The Vanguard Group, Inc.	BUY	34.37	Ordinary	340	340
25-Nov-20	The Vanguard Group, Inc.	BUY	34.37	Ordinary	974	974
25-Nov-20	The Vanguard Group, Inc.	BUY	34.28	Ordinary	750	750
26-Nov-20	The Vanguard Group, Inc.	BUY	33.77	Ordinary	2,426	2,426
27-Nov-20	The Vanguard Group, Inc.	SELL	33.19	Ordinary	(45,110)	(45,110)
30-Nov-20	The Vanguard Group, Inc.	SELL	32.29	Ordinary	(3,549)	(3,549)
1-Dec-20	The Vanguard Group, Inc.	BUY	32.52	Ordinary	340	340
1-Dec-20	The Vanguard Group, Inc.	BUY	32.52	Ordinary	680	680
2-Dec-20	The Vanguard Group, Inc.	BUY	32.68	Ordinary	1,606	1,606
2-Dec-20	The Vanguard Group, Inc.	BUY	32.20	Ordinary	1,065	1,065
2-Dec-20	The Vanguard Group, Inc.	BUY	32.20	Ordinary	5,124	5,124
2-Dec-20	The Vanguard Group, Inc.	BUY	32.68	Ordinary	780	780
3-Dec-20	The Vanguard Group, Inc.	BUY	32.16	Ordinary	1,179	1,179
3-Dec-20	The Vanguard Group, Inc.	BUY	31.69	Ordinary	5,010	5,010
4-Dec-20	The Vanguard Group, Inc.	BUY	32.06	Ordinary	786	786
7-Dec-20	The Vanguard Group, Inc.	BUY	31.77	Ordinary	1,213	1,213
8-Dec-20	The Vanguard Group, Inc.	BUY	31.75	Ordinary	3,078	3,078
8-Dec-20	The Vanguard Group, Inc.	BUY	31.56	Ordinary	1,164	1,164
8-Dec-20	The Vanguard Group, Inc.	BUY	31.56	Ordinary	5,769	5,769
9-Dec-20	The Vanguard Group, Inc.	BUY	31.01	Ordinary	1,616	1,616
9-Dec-20	The Vanguard Group, Inc.	BUY	31.01	Ordinary	1,923	1,923
10-Dec-20	The Vanguard Group, Inc.	BUY	30.52	Ordinary	1,552	1,552
10-Dec-20	The Vanguard Group, Inc.	SELL	31.23	Ordinary	(35)	(35)
11-Dec-20	The Vanguard Group, Inc.	BUY	30.11	Ordinary	808	808
11-Dec-20	The Vanguard Group, Inc.	BUY	30.11	Ordinary	2,328	2,328
11-Dec-20	The Vanguard Group, Inc.	SELL	30.11	Ordinary	(16,195)	(16,195)
14-Dec-20	The Vanguard Group, Inc.	BUY	30.01	Ordinary	684	684
15-Dec-20	The Vanguard Group, Inc.	BUY	30.75	Ordinary	4,487	4,487
16-Dec-20	The Vanguard Group, Inc.	BUY	30.49	Ordinary	1,214	1,214
16-Dec-20	The Vanguard Group, Inc.	BUY	30.57	Ordinary	808	808
16-Dec-20	The Vanguard Group, Inc.	BUY	30.57	Ordinary	1,212	1,212
17-Dec-20	The Vanguard Group, Inc.	BUY	30.62	Ordinary	808	808
18-Dec-20	The Vanguard Group, Inc.	BUY	30.46	Ordinary	117	117
18-Dec-20	The Vanguard Group, Inc.	BUY	30.46	Ordinary	13,222	13,222
18-Dec-20	The Vanguard Group, Inc.	BUY	30.46	Ordinary	1,208	1,208
18-Dec-20	The Vanguard Group, Inc.	SELL	30.46	Ordinary	(1,058)	(1,058)
18-Dec-20	The Vanguard Group, Inc.	BUY	30.52	Ordinary	808	808
18-Dec-20	The Vanguard Group, Inc.	SELL	30.46	Ordinary	(9,329)	(9,329)
18-Dec-20	The Vanguard Group, Inc.	BUY	30.52	Ordinary	501	501
18-Dec-20	The Vanguard Group, Inc.	BUY	30.52	Ordinary	2,004	2,004
18-Dec-20	The Vanguard Group, Inc.	SELL	30.46	Ordinary	(6,530)	(6,530)
18-Dec-20	The Vanguard Group, Inc.	SELL	30.46	Ordinary	(24,303)	(24,303)
21-Dec-20	The Vanguard Group, Inc.	BUY	30.70	Ordinary	1,209	1,209
21-Dec-20	The Vanguard Group, Inc.	BUY	30.59	Ordinary	1,197	1,197
21-Dec-20	The Vanguard Group, Inc.	SELL	30.70	Ordinary	(6,754)	(6,754)
22-Dec-20	The Vanguard Group, Inc.	BUY	30.68	Ordinary	2,004	2,004
22-Dec-20	The Vanguard Group, Inc.	BUY	30.68	Ordinary	3,205	3,205
23-Dec-20	The Vanguard Group, Inc.	BUY	31.23	Ordinary	2,498	2,498
23-Dec-20	The Vanguard Group, Inc.	BUY	31.23	Ordinary	8,327	8,327
24-Dec-20	The Vanguard Group, Inc.	BUY	31.86	Ordinary	370	370
24-Dec-20	The Vanguard Group, Inc.	BUY	31.86	Ordinary	1,207	1,207
24-Dec-20	The Vanguard Group, Inc.	BUY	31.80	Ordinary	14,443	14,443

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-Dec-20	The Vanguard Group, Inc.	BUY	31.66	Ordinary	740	740
30-Dec-20	The Vanguard Group, Inc.	SELL	31.64	Ordinary	(7,940)	(7,940)
30-Dec-20	The Vanguard Group, Inc.	BUY	31.66	Ordinary	5,825	5,825
30-Dec-20	The Vanguard Group, Inc.	SELL	31.64	Ordinary	(20,893)	(20,893)
30-Dec-20	The Vanguard Group, Inc.	SELL	31.32	Ordinary	(32,696)	(32,696)
31-Dec-20	The Vanguard Group, Inc.	BUY	31.14	Ordinary	9,014	9,014
31-Dec-20	The Vanguard Group, Inc.	SELL	31.14	Ordinary	(9,014)	(9,014)
31-Dec-20	The Vanguard Group, Inc.	BUY	31.00	Ordinary	666	666
5-Jan-21	The Vanguard Group, Inc.	BUY	31.00	Ordinary	1,510	1,510
5-Jan-21	The Vanguard Group, Inc.	BUY	31.00	Ordinary	1,731	1,731
5-Jan-21	The Vanguard Group, Inc.	BUY	30.98	Ordinary	1,213	1,213
5-Jan-21	The Vanguard Group, Inc.	BUY	31.19	Ordinary	1,765	1,765
5-Jan-21	The Vanguard Group, Inc.	BUY	31.19	Ordinary	2,118	2,118
5-Jan-21	The Vanguard Group, Inc.	BUY	31.19	Ordinary	3,006	3,006
5-Jan-21	The Vanguard Group, Inc.	SELL	31.00	Ordinary	(353)	(353)
6-Jan-21	The Vanguard Group, Inc.	BUY	30.49	Ordinary	370	370
6-Jan-21	The Vanguard Group, Inc.	SELL	30.87	Ordinary	(110)	(110)
6-Jan-21	The Vanguard Group, Inc.	SELL	30.87	Ordinary	(16,713)	(16,713)
6-Jan-21	The Vanguard Group, Inc.	BUY	30.82	Ordinary	2,564	2,564
7-Jan-21	The Vanguard Group, Inc.	BUY	30.93	Ordinary	7,438	7,438
7-Jan-21	The Vanguard Group, Inc.	BUY	31.14	Ordinary	1,412	1,412
7-Jan-21	The Vanguard Group, Inc.	BUY	31.14	Ordinary	12,525	12,525
7-Jan-21	The Vanguard Group, Inc.	SELL	30.76	Ordinary	(16,733)	(16,733)
7-Jan-21	The Vanguard Group, Inc.	BUY	31.14	Ordinary	11,538	11,538
8-Jan-21	The Vanguard Group, Inc.	BUY	31.70	Ordinary	4,070	4,070
8-Jan-21	The Vanguard Group, Inc.	BUY	31.70	Ordinary	1,177	1,177
8-Jan-21	The Vanguard Group, Inc.	BUY	31.70	Ordinary	3,952	3,952
8-Jan-21	The Vanguard Group, Inc.	BUY	31.74	Ordinary	2,394	2,394
8-Jan-21	The Vanguard Group, Inc.	BUY	31.74	Ordinary	2,824	2,824
8-Jan-21	The Vanguard Group, Inc.	BUY	31.74	Ordinary	7,515	7,515
8-Jan-21	The Vanguard Group, Inc.	BUY	31.74	Ordinary	8,352	8,352
11-Jan-21	The Vanguard Group, Inc.	BUY	31.54	Ordinary	1,213	1,213
11-Jan-21	The Vanguard Group, Inc.	BUY	31.52	Ordinary	798	798
12-Jan-21	The Vanguard Group, Inc.	BUY	31.35	Ordinary	370	370
12-Jan-21	The Vanguard Group, Inc.	BUY	31.39	Ordinary	1,923	1,923
12-Jan-21	The Vanguard Group, Inc.	BUY	31.39	Ordinary	5,128	5,128
13-Jan-21	The Vanguard Group, Inc.	BUY	31.42	Ordinary	370	370
13-Jan-21	The Vanguard Group, Inc.	BUY	31.45	Ordinary	399	399
13-Jan-21	The Vanguard Group, Inc.	BUY	31.45	Ordinary	1,765	1,765
13-Jan-21	The Vanguard Group, Inc.	BUY	31.45	Ordinary	4,872	4,872
14-Jan-21	The Vanguard Group, Inc.	BUY	31.11	Ordinary	12,783	12,783
14-Jan-21	The Vanguard Group, Inc.	BUY	30.97	Ordinary	1,596	1,596
14-Jan-21	The Vanguard Group, Inc.	BUY	30.97	Ordinary	1,412	1,412
14-Jan-21	The Vanguard Group, Inc.	BUY	30.97	Ordinary	1,503	1,503
18-Jan-21	The Vanguard Group, Inc.	BUY	29.38	Ordinary	1,212	1,212
19-Jan-21	The Vanguard Group, Inc.	BUY	29.30	Ordinary	370	370
19-Jan-21	The Vanguard Group, Inc.	BUY	29.30	Ordinary	12,248	12,248
21-Jan-21	The Vanguard Group, Inc.	BUY	31.28	Ordinary	2,784	2,784
21-Jan-21	The Vanguard Group, Inc.	BUY	31.28	Ordinary	5,769	5,769
22-Jan-21	The Vanguard Group, Inc.	BUY	31.60	Ordinary	687	687
22-Jan-21	The Vanguard Group, Inc.	BUY	31.25	Ordinary	740	740
22-Jan-21	The Vanguard Group, Inc.	BUY	31.25	Ordinary	2,422	2,422
22-Jan-21	The Vanguard Group, Inc.	BUY	31.25	Ordinary	6,796	6,796
22-Jan-21	The Vanguard Group, Inc.	BUY	31.25	Ordinary	798	798
22-Jan-21	The Vanguard Group, Inc.	SELL	31.60	Ordinary	(98)	(98)
25-Jan-21	The Vanguard Group, Inc.	BUY	31.16	Ordinary	798	798
25-Jan-21	The Vanguard Group, Inc.	BUY	31.16	Ordinary	6,264	6,264
27-Jan-21	The Vanguard Group, Inc.	BUY	30.65	Ordinary	1,212	1,212
27-Jan-21	The Vanguard Group, Inc.	BUY	30.65	Ordinary	1,396	1,396
28-Jan-21	The Vanguard Group, Inc.	BUY	30.34	Ordinary	370	370
28-Jan-21	The Vanguard Group, Inc.	BUY	30.34	Ordinary	7,650	7,650
28-Jan-21	The Vanguard Group, Inc.	BUY	30.65	Ordinary	798	798
28-Jan-21	The Vanguard Group, Inc.	BUY	30.65	Ordinary	2,394	2,394
28-Jan-21	The Vanguard Group, Inc.	SELL	30.23	Ordinary	(198)	(198)
28-Jan-21	The Vanguard Group, Inc.	BUY	30.65	Ordinary	4,176	4,176
29-Jan-21	The Vanguard Group, Inc.	BUY	31.06	Ordinary	740	740
29-Jan-21	The Vanguard Group, Inc.	BUY	31.06	Ordinary	1,283	1,283
29-Jan-21	The Vanguard Group, Inc.	BUY	30.82	Ordinary	2,505	2,505
29-Jan-21	The Vanguard Group, Inc.	BUY	30.82	Ordinary	4,176	4,176



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29-Jan-21	The Vanguard Group, Inc.	BUY	31.17	Ordinary	15,602	15,602
29-Jan-21	The Vanguard Group, Inc.	BUY	30.82	Ordinary	1,923	1,923
1-Feb-21	The Vanguard Group, Inc.	SELL	31.68	Ordinary	(3,330)	(3,330)
1-Feb-21	The Vanguard Group, Inc.	BUY	32.02	Ordinary	1,197	1,197
1-Feb-21	The Vanguard Group, Inc.	BUY	32.02	Ordinary	798	798
2-Feb-21	The Vanguard Group, Inc.	BUY	32.62	Ordinary	1,875	1,875
3-Feb-21	The Vanguard Group, Inc.	SELL	32.68	Ordinary	(239)	(239)
4-Feb-21	The Vanguard Group, Inc.	BUY	32.21	Ordinary	993	993
4-Feb-21	The Vanguard Group, Inc.	BUY	32.63	Ordinary	399	399
4-Feb-21	The Vanguard Group, Inc.	BUY	32.63	Ordinary	4,176	4,176
5-Feb-21	The Vanguard Group, Inc.	BUY	33.55	Ordinary	370	370
5-Feb-21	The Vanguard Group, Inc.	BUY	33.34	Ordinary	5,883	5,883
8-Feb-21	The Vanguard Group, Inc.	BUY	34.30	Ordinary	7,489	7,489
9-Feb-21	The Vanguard Group, Inc.	BUY	33.55	Ordinary	7,506	7,506
10-Feb-21	The Vanguard Group, Inc.	BUY	33.56	Ordinary	740	740
10-Feb-21	The Vanguard Group, Inc.	BUY	33.56	Ordinary	974	974
10-Feb-21	The Vanguard Group, Inc.	BUY	33.56	Ordinary	1,250	1,250
10-Feb-21	The Vanguard Group, Inc.	BUY	33.38	Ordinary	1,002	1,002
10-Feb-21	The Vanguard Group, Inc.	BUY	33.48	Ordinary	2,313	2,313
10-Feb-21	The Vanguard Group, Inc.	BUY	33.38	Ordinary	2,088	2,088
10-Feb-21	The Vanguard Group, Inc.	BUY	33.38	Ordinary	2,564	2,564
10-Feb-21	The Vanguard Group, Inc.	BUY	33.38	Ordinary	8,974	8,974
11-Feb-21	The Vanguard Group, Inc.	BUY	33.25	Ordinary	370	370
11-Feb-21	The Vanguard Group, Inc.	BUY	33.25	Ordinary	8,048	8,048
11-Feb-21	The Vanguard Group, Inc.	BUY	33.27	Ordinary	1,995	1,995
11-Feb-21	The Vanguard Group, Inc.	BUY	33.27	Ordinary	4,008	4,008
11-Feb-21	The Vanguard Group, Inc.	BUY	33.27	Ordinary	5,568	5,568
11-Feb-21	The Vanguard Group, Inc.	BUY	33.27	Ordinary	2,564	2,564
12-Feb-21	The Vanguard Group, Inc.	BUY	33.07	Ordinary	370	370
12-Feb-21	The Vanguard Group, Inc.	BUY	33.35	Ordinary	2,505	2,505
12-Feb-21	The Vanguard Group, Inc.	BUY	33.35	Ordinary	6,264	6,264
12-Feb-21	The Vanguard Group, Inc.	BUY	33.35	Ordinary	1,923	1,923
16-Feb-21	The Vanguard Group, Inc.	SELL	33.55	Ordinary	(388)	(388)
16-Feb-21	The Vanguard Group, Inc.	BUY	33.55	Ordinary	1,463	1,463
17-Feb-21	The Vanguard Group, Inc.	BUY	33.41	Ordinary	10,556	10,556
17-Feb-21	The Vanguard Group, Inc.	BUY	33.28	Ordinary	798	798
18-Feb-21	The Vanguard Group, Inc.	BUY	33.44	Ordinary	370	370
18-Feb-21	The Vanguard Group, Inc.	BUY	33.44	Ordinary	3,908	3,908
18-Feb-21	The Vanguard Group, Inc.	BUY	33.34	Ordinary	1,596	1,596
18-Feb-21	The Vanguard Group, Inc.	BUY	33.64	Ordinary	10,271	10,271
19-Feb-21	The Vanguard Group, Inc.	BUY	32.80	Ordinary	740	740
19-Feb-21	The Vanguard Group, Inc.	BUY	32.86	Ordinary	2,505	2,505
22-Feb-21	The Vanguard Group, Inc.	SELL	32.45	Ordinary	(2,428)	(2,428)
22-Feb-21	The Vanguard Group, Inc.	SELL	32.39	Ordinary	(14,172)	(14,172)
23-Feb-21	The Vanguard Group, Inc.	SELL	32.52	Ordinary	(3,778)	(3,778)
24-Feb-21	The Vanguard Group, Inc.	BUY	32.36	Ordinary	370	370
25-Feb-21	The Vanguard Group, Inc.	BUY	31.83	Ordinary	299	299
25-Feb-21	The Vanguard Group, Inc.	BUY	31.83	Ordinary	370	370
26-Feb-21	The Vanguard Group, Inc.	BUY	30.36	Ordinary	370	370
26-Feb-21	The Vanguard Group, Inc.	SELL	30.36	Ordinary	(14,803)	(14,803)
1-Mar-21	The Vanguard Group, Inc.	BUY	30.72	Ordinary	1,850	1,850
1-Mar-21	The Vanguard Group, Inc.	BUY	31.10	Ordinary	1,197	1,197
1-Mar-21	The Vanguard Group, Inc.	BUY	31.10	Ordinary	4,236	4,236
2-Mar-21	The Vanguard Group, Inc.	BUY	30.77	Ordinary	1,837	1,837
2-Mar-21	The Vanguard Group, Inc.	BUY	30.77	Ordinary	370	370
2-Mar-21	The Vanguard Group, Inc.	BUY	30.77	Ordinary	196	196
2-Mar-21	The Vanguard Group, Inc.	BUY	30.90	Ordinary	798	798
3-Mar-21	The Vanguard Group, Inc.	BUY	30.74	Ordinary	1,518	1,518
3-Mar-21	The Vanguard Group, Inc.	BUY	30.36	Ordinary	1,197	1,197
3-Mar-21	The Vanguard Group, Inc.	SELL	30.32	Ordinary	(207)	(207)
4-Mar-21	The Vanguard Group, Inc.	BUY	31.45	Ordinary	337	337
5-Mar-21	The Vanguard Group, Inc.	BUY	31.25	Ordinary	370	370
8-Mar-21	The Vanguard Group, Inc.	SELL	32.09	Ordinary	(25,301)	(25,301)
9-Mar-21	The Vanguard Group, Inc.	BUY	32.51	Ordinary	1,596	1,596
9-Mar-21	The Vanguard Group, Inc.	BUY	32.51	Ordinary	2,118	2,118
9-Mar-21	The Vanguard Group, Inc.	BUY	32.51	Ordinary	2,004	2,004
9-Mar-21	The Vanguard Group, Inc.	SELL	32.56	Ordinary	(26,810)	(26,810)
9-Mar-21	The Vanguard Group, Inc.	BUY	32.51	Ordinary	6,410	6,410
10-Mar-21	The Vanguard Group, Inc.	BUY	32.30	Ordinary	2,112	2,112

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10-Mar-21	The Vanguard Group, Inc.	BUY	33.03	Ordinary	1,110	1,110
10-Mar-21	The Vanguard Group, Inc.	BUY	33.28	Ordinary	1,765	1,765
11-Mar-21	The Vanguard Group, Inc.	BUY	33.85	Ordinary	313	313
11-Mar-21	The Vanguard Group, Inc.	BUY	34.15	Ordinary	4,589	4,589
11-Mar-21	The Vanguard Group, Inc.	BUY	34.15	Ordinary	3,507	3,507
12-Mar-21	The Vanguard Group, Inc.	BUY	34.48	Ordinary	5,917	5,917
12-Mar-21	The Vanguard Group, Inc.	BUY	34.53	Ordinary	798	798
16-Mar-21	The Vanguard Group, Inc.	BUY	34.68	Ordinary	370	370
17-Mar-21	The Vanguard Group, Inc.	SELL	34.74	Ordinary	(54)	(54)
17-Mar-21	The Vanguard Group, Inc.	SELL	34.74	Ordinary	(1,219)	(1,219)
17-Mar-21	The Vanguard Group, Inc.	SELL	34.74	Ordinary	(6,517)	(6,517)
17-Mar-21	The Vanguard Group, Inc.	BUY	34.83	Ordinary	399	399
17-Mar-21	The Vanguard Group, Inc.	BUY	34.83	Ordinary	20,349	20,349
17-Mar-21	The Vanguard Group, Inc.	BUY	34.83	Ordinary	2,471	2,471
18-Mar-21	The Vanguard Group, Inc.	SELL	34.57	Ordinary	(1,047)	(1,047)
19-Mar-21	The Vanguard Group, Inc.	BUY	34.00	Ordinary	327	327
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(16)	(16)
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(1,018)	(1,018)
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(1,637)	(1,637)
19-Mar-21	The Vanguard Group, Inc.	BUY	34.00	Ordinary	3,620	3,620
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(328,031)	(328,031)
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(6,439)	(6,439)
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(12,311)	(12,311)
19-Mar-21	The Vanguard Group, Inc.	SELL	33.99	Ordinary	(29,790)	(29,790)
22-Mar-21	The Vanguard Group, Inc.	BUY	34.50	Ordinary	982	982
22-Mar-21	The Vanguard Group, Inc.	BUY	34.50	Ordinary	329	329
22-Mar-21	The Vanguard Group, Inc.	BUY	34.41	Ordinary	1,002	1,002
23-Mar-21	The Vanguard Group, Inc.	SELL	34.45	Ordinary	(399)	(399)
26-Mar-21	The Vanguard Group, Inc.	BUY	35.08	Ordinary	340	340
29-Mar-21	The Vanguard Group, Inc.	BUY	34.52	Ordinary	1,432	1,432
29-Mar-21	The Vanguard Group, Inc.	BUY	34.78	Ordinary	2,808	2,808
30-Mar-21	The Vanguard Group, Inc.	BUY	33.61	Ordinary	1,109	1,109
30-Mar-21	The Vanguard Group, Inc.	BUY	34.38	Ordinary	23,243	23,243
31-Mar-21	The Vanguard Group, Inc.	SELL	34.35	Ordinary	(19,999)	(19,999)
31-Mar-21	The Vanguard Group, Inc.	BUY	34.54	Ordinary	7,420	7,420
31-Mar-21	The Vanguard Group, Inc.	BUY	34.33	Ordinary	7,609	7,609
1-Apr-21	The Vanguard Group, Inc.	BUY	34.52	Ordinary	17,100	17,100
6-Apr-21	The Vanguard Group, Inc.	BUY	35.22	Ordinary	1,113	1,113
6-Apr-21	The Vanguard Group, Inc.	BUY	35.33	Ordinary	5,010	5,010
6-Apr-21	The Vanguard Group, Inc.	BUY	35.33	Ordinary	5,194	5,194
7-Apr-21	The Vanguard Group, Inc.	BUY	35.85	Ordinary	313	313
7-Apr-21	The Vanguard Group, Inc.	BUY	35.85	Ordinary	340	340
9-Apr-21	The Vanguard Group, Inc.	BUY	36.79	Ordinary	3,594	3,594
9-Apr-21	The Vanguard Group, Inc.	BUY	36.73	Ordinary	45,545	45,545
9-Apr-21	The Vanguard Group, Inc.	BUY	36.87	Ordinary	5,936	5,936
9-Apr-21	The Vanguard Group, Inc.	BUY	36.87	Ordinary	2,172	2,172
12-Apr-21	The Vanguard Group, Inc.	BUY	36.29	Ordinary	824	824
13-Apr-21	The Vanguard Group, Inc.	BUY	36.33	Ordinary	340	340
13-Apr-21	The Vanguard Group, Inc.	BUY	36.33	Ordinary	2,645	2,645
13-Apr-21	The Vanguard Group, Inc.	BUY	36.37	Ordinary	10,301	10,301
13-Apr-21	The Vanguard Group, Inc.	BUY	36.55	Ordinary	4,452	4,452
14-Apr-21	The Vanguard Group, Inc.	BUY	36.82	Ordinary	2,704	2,704
14-Apr-21	The Vanguard Group, Inc.	BUY	36.42	Ordinary	3,507	3,507
14-Apr-21	The Vanguard Group, Inc.	BUY	36.82	Ordinary	12,047	12,047
14-Apr-21	The Vanguard Group, Inc.	BUY	36.42	Ordinary	4,452	4,452
15-Apr-21	The Vanguard Group, Inc.	SELL	37.17	Ordinary	(99)	(99)
15-Apr-21	The Vanguard Group, Inc.	BUY	36.62	Ordinary	1,322	1,322
15-Apr-21	The Vanguard Group, Inc.	BUY	37.32	Ordinary	698	698
15-Apr-21	The Vanguard Group, Inc.	BUY	37.32	Ordinary	2,488	2,488
16-Apr-21	The Vanguard Group, Inc.	BUY	37.12	Ordinary	929	929
16-Apr-21	The Vanguard Group, Inc.	BUY	37.12	Ordinary	20,887	20,887
19-Apr-21	The Vanguard Group, Inc.	BUY	36.91	Ordinary	1,073	1,073
19-Apr-21	The Vanguard Group, Inc.	SELL	36.91	Ordinary	(586)	(586)
19-Apr-21	The Vanguard Group, Inc.	BUY	36.91	Ordinary	340	340
19-Apr-21	The Vanguard Group, Inc.	BUY	36.77	Ordinary	2,792	2,792
19-Apr-21	The Vanguard Group, Inc.	BUY	36.77	Ordinary	7,420	7,420
21-Apr-21	The Vanguard Group, Inc.	BUY	36.22	Ordinary	301	301
21-Apr-21	The Vanguard Group, Inc.	BUY	36.22	Ordinary	5,709	5,709
21-Apr-21	The Vanguard Group, Inc.	SELL	35.75	Ordinary	(73)	(73)

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22-Apr-21	The Vanguard Group, Inc.	BUY	36.86	Ordinary	71	71
22-Apr-21	The Vanguard Group, Inc.	BUY	36.67	Ordinary	1,396	1,396
23-Apr-21	The Vanguard Group, Inc.	BUY	36.70	Ordinary	3,101	3,101
26-Apr-21	The Vanguard Group, Inc.	SELL	36.79	Ordinary	(5,679)	(5,679)
26-Apr-21	The Vanguard Group, Inc.	BUY	36.95	Ordinary	2,488	2,488
27-Apr-21	The Vanguard Group, Inc.	SELL	37.09	Ordinary	(852)	(852)
27-Apr-21	The Vanguard Group, Inc.	BUY	37.18	Ordinary	2,172	2,172
28-Apr-21	The Vanguard Group, Inc.	BUY	37.46	Ordinary	1,108	1,108
28-Apr-21	The Vanguard Group, Inc.	SELL	37.46	Ordinary	(216)	(216)
28-Apr-21	The Vanguard Group, Inc.	BUY	37.62	Ordinary	2,004	2,004
28-Apr-21	The Vanguard Group, Inc.	BUY	37.62	Ordinary	1,810	1,810
29-Apr-21	The Vanguard Group, Inc.	SELL	37.80	Ordinary	(151)	(151)
29-Apr-21	The Vanguard Group, Inc.	BUY	37.44	Ordinary	740	740
29-Apr-21	The Vanguard Group, Inc.	BUY	37.35	Ordinary	2,715	2,715
30-Apr-21	The Vanguard Group, Inc.	BUY	37.17	Ordinary	1,062	1,062
4-May-21	The Vanguard Group, Inc.	BUY	37.50	Ordinary	10,449	10,449
4-May-21	The Vanguard Group, Inc.	BUY	37.49	Ordinary	2,172	2,172
4-May-21	The Vanguard Group, Inc.	BUY	37.49	Ordinary	3,077	3,077
6-May-21	The Vanguard Group, Inc.	BUY	37.71	Ordinary	305	305
6-May-21	The Vanguard Group, Inc.	BUY	37.71	Ordinary	650	650
6-May-21	The Vanguard Group, Inc.	SELL	37.76	Ordinary	(49)	(49)
7-May-21	The Vanguard Group, Inc.	SELL	37.63	Ordinary	(1,027)	(1,027)
7-May-21	The Vanguard Group, Inc.	BUY	37.76	Ordinary	1,503	1,503
7-May-21	The Vanguard Group, Inc.	BUY	37.76	Ordinary	6,513	6,513
7-May-21	The Vanguard Group, Inc.	BUY	37.76	Ordinary	6,335	6,335
7-May-21	The Vanguard Group, Inc.	BUY	37.76	Ordinary	2,488	2,488
10-May-21	The Vanguard Group, Inc.	BUY	37.57	Ordinary	5,194	5,194
11-May-21	The Vanguard Group, Inc.	BUY	37.85	Ordinary	1,479	1,479
12-May-21	The Vanguard Group, Inc.	BUY	37.42	Ordinary	1,396	1,396
13-May-21	The Vanguard Group, Inc.	SELL	36.93	Ordinary	(6,842)	(6,842)
14-May-21	The Vanguard Group, Inc.	BUY	37.34	Ordinary	4,046	4,046
14-May-21	The Vanguard Group, Inc.	BUY	37.34	Ordinary	10,031	10,031
17-May-21	The Vanguard Group, Inc.	BUY	38.92	Ordinary	310	310
17-May-21	The Vanguard Group, Inc.	BUY	39.03	Ordinary	2,004	2,004
18-May-21	The Vanguard Group, Inc.	BUY	40.27	Ordinary	295	295
18-May-21	The Vanguard Group, Inc.	BUY	40.27	Ordinary	4,289	4,289
18-May-21	The Vanguard Group, Inc.	BUY	39.68	Ordinary	1,047	1,047
18-May-21	The Vanguard Group, Inc.	BUY	39.68	Ordinary	1,503	1,503
19-May-21	The Vanguard Group, Inc.	BUY	39.67	Ordinary	11,872	11,872
19-May-21	The Vanguard Group, Inc.	BUY	39.67	Ordinary	4,452	4,452
20-May-21	The Vanguard Group, Inc.	BUY	40.52	Ordinary	675	675
20-May-21	The Vanguard Group, Inc.	BUY	40.82	Ordinary	2,534	2,534
24-May-21	The Vanguard Group, Inc.	BUY	40.70	Ordinary	298	298
24-May-21	The Vanguard Group, Inc.	BUY	40.89	Ordinary	4,886	4,886
24-May-21	The Vanguard Group, Inc.	SELL	40.74	Ordinary	(93)	(93)
25-May-21	The Vanguard Group, Inc.	BUY	41.51	Ordinary	6,361	6,361
26-May-21	The Vanguard Group, Inc.	BUY	41.03	Ordinary	2,004	2,004
27-May-21	The Vanguard Group, Inc.	SELL	41.48	Ordinary	(6,543)	(6,543)
27-May-21	The Vanguard Group, Inc.	BUY	41.53	Ordinary	566	566
1-Jun-21	The Vanguard Group, Inc.	BUY	40.95	Ordinary	1,206	1,206
2-Jun-21	The Vanguard Group, Inc.	BUY	41.31	Ordinary	967	967
2-Jun-21	The Vanguard Group, Inc.	SELL	41.26	Ordinary	(2,920)	(2,920)
2-Jun-21	The Vanguard Group, Inc.	BUY	41.31	Ordinary	10,890	10,890
3-Jun-21	The Vanguard Group, Inc.	BUY	40.67	Ordinary	5,194	5,194
8-Jun-21	The Vanguard Group, Inc.	BUY	40.84	Ordinary	1,160	1,160
15-Jun-21	The Vanguard Group, Inc.	BUY	41.11	Ordinary	1041	1041
16-Jun-21	The Vanguard Group, Inc.	BUY	41.10	Ordinary	2,968	2,968
17-Jun-21	The Vanguard Group, Inc.	BUY	41.42	Ordinary	648	648
17-Jun-21	The Vanguard Group, Inc.	BUY	41.42	Ordinary	7,420	7,420
18-Jun-21	The Vanguard Group, Inc.	SELL	42.94	Ordinary	(692)	(692)
18-Jun-21	The Vanguard Group, Inc.	SELL	42.94	Ordinary	(11,896)	(11,896)
18-Jun-21	The Vanguard Group, Inc.	SELL	42.94	Ordinary	(21,509)	(21,509)
18-Jun-21	The Vanguard Group, Inc.	SELL	42.94	Ordinary	(13,589)	(13,589)
18-Jun-21	The Vanguard Group, Inc.	SELL	42.94	Ordinary	(9,802)	(9,802)
22-Jun-21	The Vanguard Group, Inc.	BUY	43.00	Ordinary	1,127	1,127
22-Jun-21	The Vanguard Group, Inc.	BUY	43.11	Ordinary	894	894
22-Jun-21	The Vanguard Group, Inc.	BUY	43.11	Ordinary	2,384	2,384
22-Jun-21	The Vanguard Group, Inc.	BUY	43.11	Ordinary	4,386	4,386
23-Jun-21	The Vanguard Group, Inc.	BUY	42.65	Ordinary	894	894

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24-Jun-21	The Vanguard Group, Inc.	BUY	42.51	Ordinary	1,040	1,040
24-Jun-21	The Vanguard Group, Inc.	BUY	42.87	Ordinary	5,832	5,832
3-Dec-18	Vanguard Investments Australia Ltd.	BUY	24.19	Ordinary	7,475	7,475
3-Dec-18	Vanguard Investments Australia Ltd.	BUY	24.19	Ordinary	10,966	10,966
4-Dec-18	Vanguard Investments Australia Ltd.	BUY	23.64	Ordinary	109,187	109,187
7-Dec-18	Vanguard Investments Australia Ltd.	BUY	22.24	Ordinary	12,660	12,660
11-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.92	Ordinary	11,540	11,540
11-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.92	Ordinary	6,924	6,924
12-Dec-18	Vanguard Investments Australia Ltd.	BUY	22.35	Ordinary	454,356	454,356
14-Dec-18	Vanguard Investments Australia Ltd.	SELL	22.82	Ordinary	(3,462)	(3,462)
20-Dec-18	Vanguard Investments Australia Ltd.	SELL	21.00	Ordinary	(3,310)	(3,310)
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	14,241	14,241
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	28,659	28,659
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	5,087	5,087
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	3,279	3,279
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	7,260	7,260
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	19,773	19,773
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	33,143	33,143
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.11	Ordinary	57,668	57,668
27-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.49	Ordinary	3,492	3,492
31-Dec-18	Vanguard Investments Australia Ltd.	BUY	21.84	Ordinary	6,340	6,340
3-Jan-19	Vanguard Investments Australia Ltd.	BUY	21.50	Ordinary	5,363	5,363
4-Jan-19	Vanguard Investments Australia Ltd.	BUY	21.55	Ordinary	1,605	1,605
8-Jan-19	Vanguard Investments Australia Ltd.	BUY	22.62	Ordinary	5,670	5,670
11-Jan-19	Vanguard Investments Australia Ltd.	BUY	23.32	Ordinary	10,217	10,217
11-Jan-19	Vanguard Investments Australia Ltd.	BUY	23.25	Ordinary	6,840	6,840
18-Jan-19	Vanguard Investments Australia Ltd.	BUY	23.62	Ordinary	1,527	1,527
18-Jan-19	Vanguard Investments Australia Ltd.	BUY	23.62	Ordinary	8,495	8,495
21-Jan-19	Vanguard Investments Australia Ltd.	SELL	24.31	Ordinary	(5,974)	(5,974)
22-Jan-19	Vanguard Investments Australia Ltd.	SELL	24.61	Ordinary	(4,846)	(4,846)
29-Jan-19	Vanguard Investments Australia Ltd.	SELL	24.21	Ordinary	(5,804)	(5,804)
29-Jan-19	Vanguard Investments Australia Ltd.	BUY	24.26	Ordinary	10,383	10,383
30-Jan-19	Vanguard Investments Australia Ltd.	BUY	24.08	Ordinary	11,536	11,536
30-Jan-19	Vanguard Investments Australia Ltd.	BUY	24.16	Ordinary	2,312	2,312
1-Feb-19	Vanguard Investments Australia Ltd.	BUY	24.41	Ordinary	14,388	14,388
4-Feb-19	Vanguard Investments Australia Ltd.	BUY	24.50	Ordinary	10,471	10,471
5-Feb-19	Vanguard Investments Australia Ltd.	SELL	24.70	Ordinary	(40,460)	(40,460)
12-Feb-19	Vanguard Investments Australia Ltd.	SELL	24.94	Ordinary	(8,190)	(8,190)
13-Feb-19	Vanguard Investments Australia Ltd.	BUY	25.42	Ordinary	26,610	26,610
15-Feb-19	Vanguard Investments Australia Ltd.	SELL	24.76	Ordinary	(2,412)	(2,412)
19-Feb-19	Vanguard Investments Australia Ltd.	BUY	24.87	Ordinary	6,424	6,424
25-Feb-19	Vanguard Investments Australia Ltd.	BUY	25.69	Ordinary	16,405	16,405
26-Feb-19	Vanguard Investments Australia Ltd.	SELL	25.02	Ordinary	(19,245)	(19,245)
26-Feb-19	Vanguard Investments Australia Ltd.	BUY	25.05	Ordinary	5,840	5,840
5-Mar-19	Vanguard Investments Australia Ltd.	BUY	24.84	Ordinary	37,376	37,376
7-Mar-19	Vanguard Investments Australia Ltd.	SELL	24.83	Ordinary	(5,835)	(5,835)
11-Mar-19	Vanguard Investments Australia Ltd.	SELL	23.65	Ordinary	(2,962)	(2,962)
12-Mar-19	Vanguard Investments Australia Ltd.	SELL	23.14	Ordinary	(5,749)	(5,749)
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.19	Ordinary	3,935	3,935
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.22	Ordinary	3,455	3,455
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.19	Ordinary	9,343	9,343
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.22	Ordinary	8,203	8,203
15-Mar-19	Vanguard Investments Australia Ltd.	SELL	23.19	Ordinary	(4,435)	(4,435)
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.19	Ordinary	8,679	8,679
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.22	Ordinary	7,619	7,619
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.19	Ordinary	6,134	6,134
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	23.22	Ordinary	5,385	5,385
21-Mar-19	Vanguard Investments Australia Ltd.	BUY	24.41	Ordinary	7,042	7,042
22-Mar-19	Vanguard Investments Australia Ltd.	BUY	24.82	Ordinary	10,646	10,646
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	24.80	Ordinary	1,230	1,230
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	24.80	Ordinary	19,516	19,516
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	24.80	Ordinary	2,085	2,085
1-Apr-19	Vanguard Investments Australia Ltd.	SELL	24.80	Ordinary	(34,125)	(34,125)
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	24.80	Ordinary	16,306	16,306
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.67	Ordinary	9,222	9,222
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.67	Ordinary	17,541	17,541
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.50	Ordinary	4,067	4,067
3-Apr-19	Vanguard Investments Australia Ltd.	SELL	25.57	Ordinary	(877)	(877)
5-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.56	Ordinary	10,867	10,867

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8-Apr-19	Vanguard Investments Australia Ltd.	BUY	26.37	Ordinary	4,648	4,648
9-Apr-19	Vanguard Investments Australia Ltd.	SELL	25.84	Ordinary	(1,073)	(1,073)
9-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.84	Ordinary	189,197	189,197
11-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.56	Ordinary	10,222	10,222
12-Apr-19	Vanguard Investments Australia Ltd.	SELL	25.58	Ordinary	(1,659)	(1,659)
16-Apr-19	Vanguard Investments Australia Ltd.	BUY	25.88	Ordinary	35,800	35,800
30-Apr-19	Vanguard Investments Australia Ltd.	BUY	26.08	Ordinary	6,984	6,984
1-May-19	Vanguard Investments Australia Ltd.	BUY	26.07	Ordinary	826	826
1-May-19	Vanguard Investments Australia Ltd.	BUY	26.05	Ordinary	10,363	10,363
1-May-19	Vanguard Investments Australia Ltd.	BUY	26.07	Ordinary	1,260	1,260
1-May-19	Vanguard Investments Australia Ltd.	BUY	26.05	Ordinary	15,897	15,897
1-May-19	Vanguard Investments Australia Ltd.	BUY	26.07	Ordinary	2,362	2,362
1-May-19	Vanguard Investments Australia Ltd.	BUY	26.05	Ordinary	29,750	29,750
2-May-19	Vanguard Investments Australia Ltd.	SELL	26.28	Ordinary	(4,730)	(4,730)
6-May-19	Vanguard Investments Australia Ltd.	BUY	25.60	Ordinary	4,315	4,315
7-May-19	Vanguard Investments Australia Ltd.	SELL	25.69	Ordinary	(1,683)	(1,683)
10-May-19	Vanguard Investments Australia Ltd.	BUY	26.06	Ordinary	1,006	1,006
10-May-19	Vanguard Investments Australia Ltd.	BUY	26.06	Ordinary	2,040	2,040
10-May-19	Vanguard Investments Australia Ltd.	BUY	26.06	Ordinary	1,311	1,311
10-May-19	Vanguard Investments Australia Ltd.	BUY	26.03	Ordinary	5,238	5,238
14-May-19	Vanguard Investments Australia Ltd.	SELL	25.48	Ordinary	(2,155)	(2,155)
15-May-19	Vanguard Investments Australia Ltd.	SELL	25.62	Ordinary	(5,832)	(5,832)
16-May-19	Vanguard Investments Australia Ltd.	BUY	26.81	Ordinary	14,676	14,676
17-May-19	Vanguard Investments Australia Ltd.	BUY	27.09	Ordinary	5,820	5,820
21-May-19	Vanguard Investments Australia Ltd.	BUY	26.62	Ordinary	5,820	5,820
22-May-19	Vanguard Investments Australia Ltd.	BUY	26.62	Ordinary	4,912	4,912
23-May-19	Vanguard Investments Australia Ltd.	SELL	28.40	Ordinary	(1,103)	(1,103)
27-May-19	Vanguard Investments Australia Ltd.	SELL	29.22	Ordinary	(13,736)	(13,736)
28-May-19	Vanguard Investments Australia Ltd.	BUY	29.68	Ordinary	5,980	5,980
29-May-19	Vanguard Investments Australia Ltd.	SELL	29.03	Ordinary	(9,862)	(9,862)
30-May-19	Vanguard Investments Australia Ltd.	BUY	28.65	Ordinary	36,885	36,885
3-Jun-19	Vanguard Investments Australia Ltd.	SELL	28.28	Ordinary	(12,720)	(12,720)
3-Jun-19	Vanguard Investments Australia Ltd.	SELL	28.28	Ordinary	(5,651)	(5,651)
4-Jun-19	Vanguard Investments Australia Ltd.	BUY	28.45	Ordinary	5,980	5,980
6-Jun-19	Vanguard Investments Australia Ltd.	BUY	29.20	Ordinary	7,176	7,176
7-Jun-19	Vanguard Investments Australia Ltd.	BUY	29.51	Ordinary	1,132	1,132
7-Jun-19	Vanguard Investments Australia Ltd.	SELL	29.51	Ordinary	(1,050)	(1,050)
7-Jun-19	Vanguard Investments Australia Ltd.	BUY	29.60	Ordinary	29,974	29,974
11-Jun-19	Vanguard Investments Australia Ltd.	SELL	30.52	Ordinary	(2,954)	(2,954)
12-Jun-19	Vanguard Investments Australia Ltd.	BUY	30.35	Ordinary	19,200	19,200
17-Jun-19	Vanguard Investments Australia Ltd.	BUY	30.90	Ordinary	4,784	4,784
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	497	497
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	1,433	1,433
21-Jun-19	Vanguard Investments Australia Ltd.	SELL	31.06	Ordinary	(4,162)	(4,162)
21-Jun-19	Vanguard Investments Australia Ltd.	SELL	31.06	Ordinary	(1,182)	(1,182)
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	2,633	2,633
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	7,594	7,594
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	7,960	7,960
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	22,957	22,957
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	31.06	Ordinary	3,588	3,588
25-Jun-19	Vanguard Investments Australia Ltd.	SELL	30.81	Ordinary	(6,638)	(6,638)
27-Jun-19	Vanguard Investments Australia Ltd.	SELL	30.87	Ordinary	(4,815)	(4,815)
27-Jun-19	Vanguard Investments Australia Ltd.	BUY	30.87	Ordinary	4,221	4,221
2-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.96	Ordinary	7,140	7,140
5-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.14	Ordinary	8,285	8,285
8-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.28	Ordinary	3,570	3,570
9-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.10	Ordinary	3,570	3,570
9-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.10	Ordinary	6,812	6,812
11-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.96	Ordinary	3,570	3,570
15-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.18	Ordinary	3,029	3,029
15-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.18	Ordinary	12,421	12,421
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.24	Ordinary	5,562	5,562
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.24	Ordinary	9,643	9,643
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.24	Ordinary	3,388	3,388
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.19	Ordinary	7,140	7,140
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	29.19	Ordinary	7,978	7,978
18-Jul-19	Vanguard Investments Australia Ltd.	SELL	29.61	Ordinary	(2,785)	(2,785)
19-Jul-19	Vanguard Investments Australia Ltd.	SELL	29.71	Ordinary	(4,718)	(4,718)
22-Jul-19	Vanguard Investments Australia Ltd.	SELL	29.72	Ordinary	(392,656)	(392,656)

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23-Jul-19	Vanguard Investments Australia Ltd.	SELL	30.00	Ordinary	(3,365)	(3,365)
24-Jul-19	Vanguard Investments Australia Ltd.	BUY	30.47	Ordinary	8,829	8,829
26-Jul-19	Vanguard Investments Australia Ltd.	SELL	30.43	Ordinary	(1,885)	(1,885)
30-Jul-19	Vanguard Investments Australia Ltd.	BUY	30.59	Ordinary	6,523	6,523
31-Jul-19	Vanguard Investments Australia Ltd.	BUY	30.65	Ordinary	15,935	15,935
1-Aug-19	Vanguard Investments Australia Ltd.	SELL	30.44	Ordinary	(3,724)	(3,724)
2-Aug-19	Vanguard Investments Australia Ltd.	SELL	30.32	Ordinary	(5,364)	(5,364)
6-Aug-19	Vanguard Investments Australia Ltd.	BUY	28.62	Ordinary	6,632	6,632
6-Aug-19	Vanguard Investments Australia Ltd.	BUY	28.62	Ordinary	5,346	5,346
6-Aug-19	Vanguard Investments Australia Ltd.	BUY	28.62	Ordinary	5,346	5,346
7-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.17	Ordinary	7,201	7,201
8-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.52	Ordinary	6,534	6,534
8-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.52	Ordinary	9,596	9,596
9-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.42	Ordinary	7,478	7,478
12-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.45	Ordinary	6,545	6,545
13-Aug-19	Vanguard Investments Australia Ltd.	SELL	28.79	Ordinary	(4,014)	(4,014)
14-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.06	Ordinary	11,352	11,352
16-Aug-19	Vanguard Investments Australia Ltd.	BUY	28.00	Ordinary	8,918	8,918
19-Aug-19	Vanguard Investments Australia Ltd.	BUY	28.46	Ordinary	11,573	11,573
20-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.08	Ordinary	5,659	5,659
21-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.20	Ordinary	9,565	9,565
22-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.36	Ordinary	5,989	5,989
27-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.36	Ordinary	1,154	1,154
27-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.36	Ordinary	7,445	7,445
30-Aug-19	Vanguard Investments Australia Ltd.	BUY	29.75	Ordinary	12,050	12,050
2-Sep-19	Vanguard Investments Australia Ltd.	BUY	29.21	Ordinary	13,244	13,244
3-Sep-19	Vanguard Investments Australia Ltd.	BUY	29.16	Ordinary	64,214	64,214
4-Sep-19	Vanguard Investments Australia Ltd.	BUY	28.80	Ordinary	9,340	9,340
5-Sep-19	Vanguard Investments Australia Ltd.	BUY	29.59	Ordinary	14,432	14,432
10-Sep-19	Vanguard Investments Australia Ltd.	BUY	29.51	Ordinary	4,343	4,343
12-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.44	Ordinary	4,426	4,426
13-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.78	Ordinary	2,095	2,095
13-Sep-19	Vanguard Investments Australia Ltd.	SELL	30.78	Ordinary	(2,852)	(2,852)
17-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.64	Ordinary	11,476	11,476
18-Sep-19	Vanguard Investments Australia Ltd.	SELL	30.67	Ordinary	(4,852)	(4,852)
20-Sep-19	Vanguard Investments Australia Ltd.	SELL	30.94	Ordinary	(2,628)	(2,628)
20-Sep-19	Vanguard Investments Australia Ltd.	SELL	30.94	Ordinary	(7,083)	(7,083)
20-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.95	Ordinary	6,040	6,040
23-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.87	Ordinary	8,895	8,895
24-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.96	Ordinary	1,463	1,463
25-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.47	Ordinary	8,302	8,302
27-Sep-19	Vanguard Investments Australia Ltd.	BUY	30.50	Ordinary	7,104	7,104
2-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.87	Ordinary	16,994	16,994
2-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.87	Ordinary	5,057	5,057
2-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.77	Ordinary	11,096	11,096
2-Oct-19	Vanguard Investments Australia Ltd.	SELL	30.77	Ordinary	(14,016)	(14,016)
3-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.41	Ordinary	11,693	11,693
4-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.86	Ordinary	10,096	10,096
4-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.86	Ordinary	3,309	3,309
4-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.86	Ordinary	9,928	9,928
7-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.90	Ordinary	6,770	6,770
10-Oct-19	Vanguard Investments Australia Ltd.	BUY	30.76	Ordinary	6,724	6,724
11-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.05	Ordinary	4,664	4,664
14-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.68	Ordinary	75,680	75,680
14-Oct-19	Vanguard Investments Australia Ltd.	SELL	31.68	Ordinary	(3,221)	(3,221)
16-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.52	Ordinary	89,685	89,685
17-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.79	Ordinary	731	731
18-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.66	Ordinary	5,036	5,036
18-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.70	Ordinary	5,830	5,830
21-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.14	Ordinary	7,429	7,429
22-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.66	Ordinary	5,820	5,820
22-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.66	Ordinary	7,069	7,069
23-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.76	Ordinary	3,604	3,604
23-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.76	Ordinary	7,085	7,085
24-Oct-19	Vanguard Investments Australia Ltd.	SELL	31.96	Ordinary	(2,277)	(2,277)
28-Oct-19	Vanguard Investments Australia Ltd.	BUY	32.53	Ordinary	5,830	5,830
30-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.91	Ordinary	18,137	18,137
30-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.92	Ordinary	13,834	13,834
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.62	Ordinary	11,245	11,245

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-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.64	Ordinary	18,478	18,478
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	31.62	Ordinary	13,944	13,944
31-Oct-19	Vanguard Investments Australia Ltd.	SELL	31.62	Ordinary	(6,972)	(6,972)
1-Nov-19	Vanguard Investments Australia Ltd.	SELL	31.45	Ordinary	(77,953)	(77,953)
1-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.47	Ordinary	9,184	9,184
4-Nov-19	Vanguard Investments Australia Ltd.	SELL	31.35	Ordinary	(103,493)	(103,493)
4-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.32	Ordinary	15,239	15,239
5-Nov-19	Vanguard Investments Australia Ltd.	SELL	31.49	Ordinary	(26,777)	(26,777)
5-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.49	Ordinary	6,960	6,960
7-Nov-19	Vanguard Investments Australia Ltd.	SELL	31.22	Ordinary	(10,831)	(10,831)
7-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.22	Ordinary	5,025	5,025
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.78	Ordinary	15,902	15,902
12-Nov-19	Vanguard Investments Australia Ltd.	SELL	31.25	Ordinary	(3,193)	(3,193)
12-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.25	Ordinary	6,413	6,413
13-Nov-19	Vanguard Investments Australia Ltd.	BUY	30.86	Ordinary	1,755	1,755
14-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.15	Ordinary	14,154	14,154
19-Nov-19	Vanguard Investments Australia Ltd.	SELL	31.80	Ordinary	(924)	(924)
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	31.80	Ordinary	7,605	7,605
20-Nov-19	Vanguard Investments Australia Ltd.	BUY	33.71	Ordinary	4,095	4,095
21-Nov-19	Vanguard Investments Australia Ltd.	SELL	34.22	Ordinary	(2,966)	(2,966)
21-Nov-19	Vanguard Investments Australia Ltd.	BUY	34.22	Ordinary	12,285	12,285
22-Nov-19	Vanguard Investments Australia Ltd.	BUY	34.49	Ordinary	12,672	12,672
25-Nov-19	Vanguard Investments Australia Ltd.	BUY	34.28	Ordinary	12,154	12,154
26-Nov-19	Vanguard Investments Australia Ltd.	SELL	34.21	Ordinary	(5,033)	(5,033)
27-Nov-19	Vanguard Investments Australia Ltd.	BUY	34.41	Ordinary	13,770	13,770
29-Nov-19	Vanguard Investments Australia Ltd.	BUY	33.92	Ordinary	4,726	4,726
29-Nov-19	Vanguard Investments Australia Ltd.	BUY	33.92	Ordinary	7,044	7,044
2-Dec-19	Vanguard Investments Australia Ltd.	BUY	34.00	Ordinary	31,194	31,194
3-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.47	Ordinary	9,009	9,009
4-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.24	Ordinary	12,936	12,936
5-Dec-19	Vanguard Investments Australia Ltd.	BUY	34.03	Ordinary	9,693	9,693
6-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.87	Ordinary	190,780	190,780
6-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.87	Ordinary	2,057	2,057
9-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.60	Ordinary	7,068	7,068
11-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.85	Ordinary	11,207	11,207
11-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.85	Ordinary	11,713	11,713
12-Dec-19	Vanguard Investments Australia Ltd.	SELL	34.40	Ordinary	(516)	(516)
13-Dec-19	Vanguard Investments Australia Ltd.	BUY	34.19	Ordinary	5,910	5,910
18-Dec-19	Vanguard Investments Australia Ltd.	BUY	35.30	Ordinary	20,463	20,463
18-Dec-19	Vanguard Investments Australia Ltd.	BUY	35.40	Ordinary	8,302	8,302
19-Dec-19	Vanguard Investments Australia Ltd.	BUY	35.27	Ordinary	9,216	9,216
20-Dec-19	Vanguard Investments Australia Ltd.	BUY	34.87	Ordinary	1,901	1,901
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	34.55	Ordinary	18,422	18,422
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	34.67	Ordinary	4,744	4,744
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.67	Ordinary	14,273	14,273
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	33.67	Ordinary	2,965	2,965
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	34.20	Ordinary	7,056	7,056
3-Jan-20	Vanguard Investments Australia Ltd.	BUY	33.80	Ordinary	1,639	1,639
3-Jan-20	Vanguard Investments Australia Ltd.	SELL	33.80	Ordinary	(42,842)	(42,842)
6-Jan-20	Vanguard Investments Australia Ltd.	BUY	33.45	Ordinary	3,233	3,233
7-Jan-20	Vanguard Investments Australia Ltd.	BUY	34.35	Ordinary	3,528	3,528
8-Jan-20	Vanguard Investments Australia Ltd.	BUY	34.20	Ordinary	8,820	8,820
9-Jan-20	Vanguard Investments Australia Ltd.	SELL	35.02	Ordinary	(4,712)	(4,712)
13-Jan-20	Vanguard Investments Australia Ltd.	BUY	35.66	Ordinary	8,820	8,820
14-Jan-20	Vanguard Investments Australia Ltd.	BUY	35.74	Ordinary	5,072	5,072
15-Jan-20	Vanguard Investments Australia Ltd.	BUY	36.07	Ordinary	15,427	15,427
16-Jan-20	Vanguard Investments Australia Ltd.	BUY	36.84	Ordinary	3,465	3,465
21-Jan-20	Vanguard Investments Australia Ltd.	SELL	36.52	Ordinary	(10,000)	(10,000)
21-Jan-20	Vanguard Investments Australia Ltd.	BUY	36.52	Ordinary	8,835	8,835
30-Jan-20	Vanguard Investments Australia Ltd.	BUY	35.77	Ordinary	8,835	8,835
31-Jan-20	Vanguard Investments Australia Ltd.	BUY	36.13	Ordinary	3,475	3,475
3-Feb-20	Vanguard Investments Australia Ltd.	SELL	35.59	Ordinary	(2,395)	(2,395)
3-Feb-20	Vanguard Investments Australia Ltd.	SELL	35.46	Ordinary	(7,263)	(7,263)
7-Feb-20	Vanguard Investments Australia Ltd.	BUY	36.59	Ordinary	5,900	5,900
10-Feb-20	Vanguard Investments Australia Ltd.	BUY	36.65	Ordinary	8,605	8,605
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	36.95	Ordinary	26,912	26,912
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	36.95	Ordinary	11,840	11,840
17-Feb-20	Vanguard Investments Australia Ltd.	SELL	37.05	Ordinary	(9,588)	(9,588)
26-Feb-20	Vanguard Investments Australia Ltd.	SELL	35.02	Ordinary	(3,033)	(3,033)

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26-Feb-20	Vanguard Investments Australia Ltd.	BUY	35.02	Ordinary	187	187
26-Feb-20	Vanguard Investments Australia Ltd.	BUY	35.02	Ordinary	9,552	9,552
27-Feb-20	Vanguard Investments Australia Ltd.	BUY	33.75	Ordinary	46,244	46,244
28-Feb-20	Vanguard Investments Australia Ltd.	SELL	33.11	Ordinary	(5,346)	(5,346)
28-Feb-20	Vanguard Investments Australia Ltd.	SELL	33.11	Ordinary	(9,366)	(9,366)
28-Feb-20	Vanguard Investments Australia Ltd.	BUY	33.11	Ordinary	8,955	8,955
2-Mar-20	Vanguard Investments Australia Ltd.	SELL	32.37	Ordinary	(3,020)	(3,020)
3-Mar-20	Vanguard Investments Australia Ltd.	BUY	33.54	Ordinary	16,119	16,119
4-Mar-20	Vanguard Investments Australia Ltd.	BUY	33.27	Ordinary	7,672	7,672
4-Mar-20	Vanguard Investments Australia Ltd.	BUY	33.27	Ordinary	10,149	10,149
5-Mar-20	Vanguard Investments Australia Ltd.	SELL	33.70	Ordinary	(1,906)	(1,906)
6-Mar-20	Vanguard Investments Australia Ltd.	SELL	31.92	Ordinary	(6,957)	(6,957)
9-Mar-20	Vanguard Investments Australia Ltd.	SELL	28.81	Ordinary	(1,842)	(1,842)
9-Mar-20	Vanguard Investments Australia Ltd.	BUY	28.81	Ordinary	25,177	25,177
9-Mar-20	Vanguard Investments Australia Ltd.	BUY	28.81	Ordinary	20,930	20,930
10-Mar-20	Vanguard Investments Australia Ltd.	BUY	29.90	Ordinary	2,003	2,003
10-Mar-20	Vanguard Investments Australia Ltd.	BUY	29.90	Ordinary	31,423	31,423
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	29.58	Ordinary	3,061	3,061
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	29.00	Ordinary	11,940	11,940
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	29.00	Ordinary	14,925	14,925
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	25.64	Ordinary	63,699	63,699
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	25.64	Ordinary	17,910	17,910
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	25.64	Ordinary	10,149	10,149
13-Mar-20	Vanguard Investments Australia Ltd.	SELL	27.91	Ordinary	(6,613)	(6,613)
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	27.91	Ordinary	22,991	22,991
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	27.91	Ordinary	38,642	38,642
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	27.91	Ordinary	17,910	17,910
16-Mar-20	Vanguard Investments Australia Ltd.	BUY	22.24	Ordinary	20,895	20,895
17-Mar-20	Vanguard Investments Australia Ltd.	SELL	21.32	Ordinary	(9,485)	(9,485)
17-Mar-20	Vanguard Investments Australia Ltd.	BUY	22.11	Ordinary	2,960	2,960
17-Mar-20	Vanguard Investments Australia Ltd.	BUY	21.32	Ordinary	14,900	14,900
18-Mar-20	Vanguard Investments Australia Ltd.	SELL	19.01	Ordinary	(10,591)	(10,591)
18-Mar-20	Vanguard Investments Australia Ltd.	SELL	19.01	Ordinary	(1,367)	(1,367)
18-Mar-20	Vanguard Investments Australia Ltd.	BUY	19.01	Ordinary	25,674	25,674
18-Mar-20	Vanguard Investments Australia Ltd.	BUY	19.01	Ordinary	17,940	17,940
19-Mar-20	Vanguard Investments Australia Ltd.	SELL	18.00	Ordinary	(1,716)	(1,716)
19-Mar-20	Vanguard Investments Australia Ltd.	BUY	18.00	Ordinary	13,777	13,777
20-Mar-20	Vanguard Investments Australia Ltd.	SELL	17.54	Ordinary	(1,970)	(1,970)
20-Mar-20	Vanguard Investments Australia Ltd.	SELL	17.54	Ordinary	(4,082)	(4,082)
20-Mar-20	Vanguard Investments Australia Ltd.	BUY	17.54	Ordinary	18,507	18,507
23-Mar-20	Vanguard Investments Australia Ltd.	BUY	15.44	Ordinary	8,344	8,344
26-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.45	Ordinary	8,955	8,955
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.76	Ordinary	11,062	11,062
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.80	Ordinary	137	137
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.76	Ordinary	14,733	14,733
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.80	Ordinary	182	182
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.76	Ordinary	1,046	1,046
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.80	Ordinary	13	13
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.76	Ordinary	21,752	21,752
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.80	Ordinary	268	268
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.76	Ordinary	15,562	15,562
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.80	Ordinary	192	192
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.76	Ordinary	24,512	24,512
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.80	Ordinary	303	303
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	20.17	Ordinary	14,900	14,900
27-Mar-20	Vanguard Investments Australia Ltd.	SELL	20.17	Ordinary	(16,092)	(16,092)
30-Mar-20	Vanguard Investments Australia Ltd.	BUY	21.59	Ordinary	88,332	88,332
31-Mar-20	Vanguard Investments Australia Ltd.	SELL	21.35	Ordinary	(60,480)	(60,480)
31-Mar-20	Vanguard Investments Australia Ltd.	BUY	21.35	Ordinary	11,920	11,920
1-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.78	Ordinary	4,537	4,537
1-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.78	Ordinary	7,683	7,683
2-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.50	Ordinary	8,880	8,880
3-Apr-20	Vanguard Investments Australia Ltd.	BUY	20.68	Ordinary	4,792	4,792
7-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.75	Ordinary	2,721	2,721
7-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.75	Ordinary	20,755	20,755
8-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.87	Ordinary	6,630	6,630
9-Apr-20	Vanguard Investments Australia Ltd.	BUY	22.81	Ordinary	7,202	7,202
9-Apr-20	Vanguard Investments Australia Ltd.	SELL	22.90	Ordinary	(38,279)	(38,279)
9-Apr-20	Vanguard Investments Australia Ltd.	BUY	22.90	Ordinary	20,162	20,162



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14-Apr-20	Vanguard Investments Australia Ltd.	SELL	23.07	Ordinary	(33,465)	(33,465)
15-Apr-20	Vanguard Investments Australia Ltd.	BUY	23.98	Ordinary	11,860	11,860
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	22.86	Ordinary	2,533	2,533
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	22.37	Ordinary	10,081	10,081
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	22.37	Ordinary	11,860	11,860
22-Apr-20	Vanguard Investments Australia Ltd.	SELL	21.63	Ordinary	(69,045)	(69,045)
22-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.60	Ordinary	305	305
23-Apr-20	Vanguard Investments Australia Ltd.	SELL	21.91	Ordinary	(73,581)	(73,581)
23-Apr-20	Vanguard Investments Australia Ltd.	BUY	21.91	Ordinary	8,865	8,865
24-Apr-20	Vanguard Investments Australia Ltd.	SELL	21.66	Ordinary	(10,498)	(10,498)
28-Apr-20	Vanguard Investments Australia Ltd.	BUY	22.98	Ordinary	10,638	10,638
30-Apr-20	Vanguard Investments Australia Ltd.	SELL	25.49	Ordinary	(4,174)	(4,174)
30-Apr-20	Vanguard Investments Australia Ltd.	SELL	25.49	Ordinary	(8,235)	(8,235)
30-Apr-20	Vanguard Investments Australia Ltd.	SELL	25.49	Ordinary	(212)	(212)
1-May-20	Vanguard Investments Australia Ltd.	SELL	24.10	Ordinary	(5,517)	(5,517)
1-May-20	Vanguard Investments Australia Ltd.	SELL	24.10	Ordinary	(1,762)	(1,762)
1-May-20	Vanguard Investments Australia Ltd.	BUY	24.10	Ordinary	11,800	11,800
1-May-20	Vanguard Investments Australia Ltd.	BUY	24.10	Ordinary	8,850	8,850
4-May-20	Vanguard Investments Australia Ltd.	BUY	24.07	Ordinary	16,492	16,492
5-May-20	Vanguard Investments Australia Ltd.	SELL	24.70	Ordinary	(5,424)	(5,424)
5-May-20	Vanguard Investments Australia Ltd.	SELL	24.70	Ordinary	(868)	(868)
5-May-20	Vanguard Investments Australia Ltd.	SELL	24.70	Ordinary	(1,495)	(1,495)
5-May-20	Vanguard Investments Australia Ltd.	SELL	24.70	Ordinary	(5,393)	(5,393)
8-May-20	Vanguard Investments Australia Ltd.	BUY	24.98	Ordinary	586	586
12-May-20	Vanguard Investments Australia Ltd.	BUY	25.58	Ordinary	8,190	8,190
13-May-20	Vanguard Investments Australia Ltd.	BUY	25.98	Ordinary	8,775	8,775
19-May-20	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	11,660	11,660
20-May-20	Vanguard Investments Australia Ltd.	BUY	27.34	Ordinary	9,328	9,328
22-May-20	Vanguard Investments Australia Ltd.	BUY	25.52	Ordinary	6,984	6,984
25-May-20	Vanguard Investments Australia Ltd.	BUY	25.85	Ordinary	5,820	5,820
26-May-20	Vanguard Investments Australia Ltd.	BUY	26.64	Ordinary	71,972	71,972
26-May-20	Vanguard Investments Australia Ltd.	BUY	26.64	Ordinary	8,730	8,730
27-May-20	Vanguard Investments Australia Ltd.	BUY	26.72	Ordinary	70,086	70,086
28-May-20	Vanguard Investments Australia Ltd.	SELL	26.84	Ordinary	(555)	(555)
28-May-20	Vanguard Investments Australia Ltd.	SELL	26.84	Ordinary	(24,751)	(24,751)
29-May-20	Vanguard Investments Australia Ltd.	SELL	25.72	Ordinary	(2,638)	(2,638)
29-May-20	Vanguard Investments Australia Ltd.	SELL	25.72	Ordinary	(8,666)	(8,666)
29-May-20	Vanguard Investments Australia Ltd.	BUY	25.72	Ordinary	8,715	8,715
4-Jun-20	Vanguard Investments Australia Ltd.	SELL	27.18	Ordinary	(18,940)	(18,940)
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	27.17	Ordinary	8,745	8,745
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	27.17	Ordinary	6,996	6,996
5-Jun-20	Vanguard Investments Australia Ltd.	SELL	27.17	Ordinary	(12,288)	(12,288)
10-Jun-20	Vanguard Investments Australia Ltd.	SELL	28.05	Ordinary	(4,498)	(4,498)
10-Jun-20	Vanguard Investments Australia Ltd.	SELL	28.05	Ordinary	(15,775)	(15,775)
11-Jun-20	Vanguard Investments Australia Ltd.	SELL	26.59	Ordinary	(1,007)	(1,007)
11-Jun-20	Vanguard Investments Australia Ltd.	BUY	26.59	Ordinary	8,730	8,730
15-Jun-20	Vanguard Investments Australia Ltd.	BUY	24.91	Ordinary	11,640	11,640
16-Jun-20	Vanguard Investments Australia Ltd.	BUY	27.02	Ordinary	5,810	5,810
17-Jun-20	Vanguard Investments Australia Ltd.	BUY	27.10	Ordinary	8,715	8,715
19-Jun-20	Vanguard Investments Australia Ltd.	SELL	26.82	Ordinary	(5,649)	(5,649)
19-Jun-20	Vanguard Investments Australia Ltd.	SELL	26.82	Ordinary	(8,177)	(8,177)
19-Jun-20	Vanguard Investments Australia Ltd.	BUY	26.88	Ordinary	1,162	1,162
23-Jun-20	Vanguard Investments Australia Ltd.	SELL	26.38	Ordinary	(6,560)	(6,560)
23-Jun-20	Vanguard Investments Australia Ltd.	SELL	26.38	Ordinary	(9,911)	(9,911)
24-Jun-20	Vanguard Investments Australia Ltd.	BUY	26.19	Ordinary	4,280	4,280
24-Jun-20	Vanguard Investments Australia Ltd.	SELL	26.19	Ordinary	(3,434)	(3,434)
25-Jun-20	Vanguard Investments Australia Ltd.	SELL	25.31	Ordinary	(4,582)	(4,582)
25-Jun-20	Vanguard Investments Australia Ltd.	BUY	25.31	Ordinary	13,409	13,409
26-Jun-20	Vanguard Investments Australia Ltd.	SELL	25.60	Ordinary	(4,342)	(4,342)
30-Jun-20	Vanguard Investments Australia Ltd.	SELL	25.54	Ordinary	(7,132)	(7,132)
3-Jul-20	Vanguard Investments Australia Ltd.	SELL	26.57	Ordinary	(4,486)	(4,486)
6-Jul-20	Vanguard Investments Australia Ltd.	SELL	26.10	Ordinary	(202)	(202)
8-Jul-20	Vanguard Investments Australia Ltd.	SELL	25.05	Ordinary	(434,119)	(434,119)
16-Jul-20	Vanguard Investments Australia Ltd.	SELL	25.84	Ordinary	(5,238)	(5,238)
20-Jul-20	Vanguard Investments Australia Ltd.	SELL	25.39	Ordinary	(20,820)	(20,820)
28-Jul-20	Vanguard Investments Australia Ltd.	BUY	25.65	Ordinary	4,200	4,200
30-Jul-20	Vanguard Investments Australia Ltd.	BUY	26.15	Ordinary	7,605	7,605
5-Aug-20	Vanguard Investments Australia Ltd.	BUY	26.96	Ordinary	8,775	8,775
7-Aug-20	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	11,720	11,720

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Aug-20	Vanguard Investments Australia Ltd.	SELL	27.91	Ordinary	(1,048)	(1,048)
20-Aug-20	Vanguard Investments Australia Ltd.	SELL	28.15	Ordinary	(22,559)	(22,559)
25-Aug-20	Vanguard Investments Australia Ltd.	BUY	29.00	Ordinary	8,865	8,865
31-Aug-20	Vanguard Investments Australia Ltd.	SELL	28.39	Ordinary	(2,658)	(2,658)
31-Aug-20	Vanguard Investments Australia Ltd.	SELL	28.39	Ordinary	(6,561)	(6,561)
1-Sep-20	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	315,987	315,987
1-Sep-20	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	9,488	9,488
4-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.06	Ordinary	(2,984)	(2,984)
4-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.06	Ordinary	(23,585)	(23,585)
7-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.05	Ordinary	7,722	7,722
8-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.44	Ordinary	2,004	2,004
9-Sep-20	Vanguard Investments Australia Ltd.	BUY	28.61	Ordinary	10,710	10,710
16-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.22	Ordinary	2,970	2,970
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.34	Ordinary	(10,111)	(10,111)
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.34	Ordinary	(13,060)	(13,060)
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.34	Ordinary	(8,147)	(8,147)
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.34	Ordinary	(4,234)	(4,234)
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.34	Ordinary	(1,555)	(1,555)
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	29.34	Ordinary	(6,937)	(6,937)
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.40	Ordinary	2,975	2,975
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.40	Ordinary	4,760	4,760
21-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.34	Ordinary	1,764	1,764
25-Sep-20	Vanguard Investments Australia Ltd.	BUY	30.41	Ordinary	5,880	5,880
29-Sep-20	Vanguard Investments Australia Ltd.	BUY	30.68	Ordinary	1,764	1,764
30-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.97	Ordinary	35,429	35,429
30-Sep-20	Vanguard Investments Australia Ltd.	BUY	29.97	Ordinary	5,890	5,890
2-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.12	Ordinary	5,673	5,673
2-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.12	Ordinary	10,411	10,411
2-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.12	Ordinary	164	164
5-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.75	Ordinary	8,790	8,790
6-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.70	Ordinary	3,192	3,192
6-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.74	Ordinary	5,850	5,850
13-Oct-20	Vanguard Investments Australia Ltd.	BUY	31.09	Ordinary	5,870	5,870
19-Oct-20	Vanguard Investments Australia Ltd.	SELL	30.96	Ordinary	(37,770)	(37,770)
20-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.91	Ordinary	33,516	33,516
23-Oct-20	Vanguard Investments Australia Ltd.	BUY	32.21	Ordinary	5,870	5,870
27-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.17	Ordinary	34,315	34,315
28-Oct-20	Vanguard Investments Australia Ltd.	SELL	30.31	Ordinary	(8,224)	(8,224)
28-Oct-20	Vanguard Investments Australia Ltd.	SELL	30.31	Ordinary	(13,396)	(13,396)
28-Oct-20	Vanguard Investments Australia Ltd.	SELL	30.31	Ordinary	(5,519)	(5,519)
28-Oct-20	Vanguard Investments Australia Ltd.	BUY	30.31	Ordinary	5,850	5,850
29-Oct-20	Vanguard Investments Australia Ltd.	SELL	29.62	Ordinary	(6,517)	(6,517)
30-Oct-20	Vanguard Investments Australia Ltd.	SELL	28.63	Ordinary	(71,920)	(71,920)
30-Oct-20	Vanguard Investments Australia Ltd.	SELL	28.63	Ordinary	(27,469)	(27,469)
30-Oct-20	Vanguard Investments Australia Ltd.	SELL	28.63	Ordinary	(2,817)	(2,817)
2-Nov-20	Vanguard Investments Australia Ltd.	BUY	28.66	Ordinary	13,591	13,591
2-Nov-20	Vanguard Investments Australia Ltd.	SELL	28.54	Ordinary	(11,390)	(11,390)
3-Nov-20	Vanguard Investments Australia Ltd.	BUY	29.77	Ordinary	5,860	5,860
4-Nov-20	Vanguard Investments Australia Ltd.	BUY	30.81	Ordinary	8,790	8,790
5-Nov-20	Vanguard Investments Australia Ltd.	BUY	31.52	Ordinary	17,564	17,564
5-Nov-20	Vanguard Investments Australia Ltd.	BUY	31.91	Ordinary	1,170	1,170
9-Nov-20	Vanguard Investments Australia Ltd.	SELL	32.60	Ordinary	(3,178)	(3,178)
10-Nov-20	Vanguard Investments Australia Ltd.	BUY	32.73	Ordinary	9,962	9,962
10-Nov-20	Vanguard Investments Australia Ltd.	SELL	32.73	Ordinary	(6,231)	(6,231)
11-Nov-20	Vanguard Investments Australia Ltd.	SELL	33.14	Ordinary	(15,135)	(15,135)
13-Nov-20	Vanguard Investments Australia Ltd.	BUY	32.44	Ordinary	9,979	9,979
13-Nov-20	Vanguard Investments Australia Ltd.	BUY	32.44	Ordinary	31,111	31,111
17-Nov-20	Vanguard Investments Australia Ltd.	BUY	33.31	Ordinary	5,880	5,880
17-Nov-20	Vanguard Investments Australia Ltd.	SELL	33.31	Ordinary	(11,652)	(11,652)
23-Nov-20	Vanguard Investments Australia Ltd.	SELL	33.65	Ordinary	(12,096)	(12,096)
23-Nov-20	Vanguard Investments Australia Ltd.	BUY	33.65	Ordinary	7,020	7,020
25-Nov-20	Vanguard Investments Australia Ltd.	BUY	34.37	Ordinary	16,965	16,965
26-Nov-20	Vanguard Investments Australia Ltd.	SELL	33.77	Ordinary	(12,320)	(12,320)
26-Nov-20	Vanguard Investments Australia Ltd.	SELL	33.77	Ordinary	(20,334)	(20,334)
26-Nov-20	Vanguard Investments Australia Ltd.	BUY	33.77	Ordinary	75,073	75,073
27-Nov-20	Vanguard Investments Australia Ltd.	SELL	33.18	Ordinary	(2,575)	(2,575)
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	32.30	Ordinary	(5,089)	(5,089)
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	32.29	Ordinary	(9,689)	(9,689)
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	32.30	Ordinary	(9,466)	(9,466)

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-Nov-20	Vanguard Investments Australia Ltd.	SELL	32.30	Ordinary	(4,353)	(4,353)
1-Dec-20	Vanguard Investments Australia Ltd.	BUY	32.52	Ordinary	8,775	8,775
2-Dec-20	Vanguard Investments Australia Ltd.	BUY	32.20	Ordinary	9,360	9,360
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	31.67	Ordinary	91,536	91,536
4-Dec-20	Vanguard Investments Australia Ltd.	BUY	31.84	Ordinary	5,860	5,860
9-Dec-20	Vanguard Investments Australia Ltd.	BUY	31.31	Ordinary	272	272
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	30.12	Ordinary	7,644	7,644
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	30.38	Ordinary	5,890	5,890
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	30.49	Ordinary	5,880	5,880
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	30.55	Ordinary	7,644	7,644
18-Dec-20	Vanguard Investments Australia Ltd.	SELL	30.46	Ordinary	(192)	(192)
22-Dec-20	Vanguard Investments Australia Ltd.	BUY	30.63	Ordinary	11,640	11,640
4-Jan-21	Vanguard Investments Australia Ltd.	BUY	31.39	Ordinary	8,000	8,000
4-Jan-21	Vanguard Investments Australia Ltd.	BUY	31.39	Ordinary	5,760	5,760
5-Jan-21	Vanguard Investments Australia Ltd.	SELL	30.98	Ordinary	(1,832)	(1,832)
6-Jan-21	Vanguard Investments Australia Ltd.	BUY	30.49	Ordinary	6,900	6,900
14-Jan-21	Vanguard Investments Australia Ltd.	BUY	31.12	Ordinary	9,200	9,200
15-Jan-21	Vanguard Investments Australia Ltd.	SELL	29.90	Ordinary	(321)	(321)
19-Jan-21	Vanguard Investments Australia Ltd.	BUY	29.30	Ordinary	2,875	2,875
21-Jan-21	Vanguard Investments Australia Ltd.	BUY	30.66	Ordinary	1,798	1,798
25-Jan-21	Vanguard Investments Australia Ltd.	SELL	31.15	Ordinary	(8,547)	(8,547)
27-Jan-21	Vanguard Investments Australia Ltd.	SELL	30.65	Ordinary	(3,210)	(3,210)
28-Jan-21	Vanguard Investments Australia Ltd.	BUY	30.34	Ordinary	33,402	33,402
28-Jan-21	Vanguard Investments Australia Ltd.	BUY	30.34	Ordinary	7,462	7,462
29-Jan-21	Vanguard Investments Australia Ltd.	SELL	31.06	Ordinary	(14,061)	(14,061)
2-Feb-21	Vanguard Investments Australia Ltd.	BUY	32.62	Ordinary	8,008	8,008
4-Feb-21	Vanguard Investments Australia Ltd.	BUY	32.21	Ordinary	3,453	3,453
5-Feb-21	Vanguard Investments Australia Ltd.	SELL	33.55	Ordinary	(1,675)	(1,675)
5-Feb-21	Vanguard Investments Australia Ltd.	BUY	33.55	Ordinary	1,701	1,701
10-Feb-21	Vanguard Investments Australia Ltd.	BUY	33.56	Ordinary	7,371	7,371
11-Feb-21	Vanguard Investments Australia Ltd.	BUY	33.25	Ordinary	3,969	3,969
12-Feb-21	Vanguard Investments Australia Ltd.	BUY	33.07	Ordinary	12,247	12,247
18-Feb-21	Vanguard Investments Australia Ltd.	SELL	33.44	Ordinary	(17,579)	(17,579)
19-Feb-21	Vanguard Investments Australia Ltd.	BUY	32.80	Ordinary	6,139	6,139
22-Feb-21	Vanguard Investments Australia Ltd.	SELL	32.45	Ordinary	(133,875)	(133,875)
22-Feb-21	Vanguard Investments Australia Ltd.	BUY	32.45	Ordinary	5,670	5,670
26-Feb-21	Vanguard Investments Australia Ltd.	SELL	30.42	Ordinary	(2,730)	(2,730)
26-Feb-21	Vanguard Investments Australia Ltd.	SELL	30.42	Ordinary	(2,306)	(2,306)
26-Feb-21	Vanguard Investments Australia Ltd.	SELL	30.42	Ordinary	(2,030)	(2,030)
26-Feb-21	Vanguard Investments Australia Ltd.	SELL	30.36	Ordinary	(2,370)	(2,370)
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	30.36	Ordinary	25,288	25,288
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	30.36	Ordinary	5,680	5,680
3-Mar-21	Vanguard Investments Australia Ltd.	BUY	30.74	Ordinary	11,380	11,380
5-Mar-21	Vanguard Investments Australia Ltd.	BUY	31.25	Ordinary	5,700	5,700
9-Mar-21	Vanguard Investments Australia Ltd.	SELL	32.29	Ordinary	(3,116)	(3,116)
9-Mar-21	Vanguard Investments Australia Ltd.	BUY	32.29	Ordinary	1,707	1,707
10-Mar-21	Vanguard Investments Australia Ltd.	BUY	33.03	Ordinary	6,828	6,828
17-Mar-21	Vanguard Investments Australia Ltd.	BUY	34.74	Ordinary	5,680	5,680
19-Mar-21	Vanguard Investments Australia Ltd.	SELL	34.00	Ordinary	(10,512)	(10,512)
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	33.61	Ordinary	6,182	6,182
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	33.61	Ordinary	7,306	7,306
31-Mar-21	Vanguard Investments Australia Ltd.	SELL	34.35	Ordinary	(12,355)	(12,355)
31-Mar-21	Vanguard Investments Australia Ltd.	SELL	34.35	Ordinary	(23,885)	(23,885)
1-Apr-21	Vanguard Investments Australia Ltd.	IN SPECIE	34.75	Ordinary	(1,143,542)	(1,143,542)
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.22	Ordinary	1,511	1,511
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.22	Ordinary	3,050	3,050
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.22	Ordinary	604	604
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.22	Ordinary	16,076	16,076
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.22	Ordinary	1,674	1,674
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.57	Ordinary	8,431	8,431
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.57	Ordinary	2,839	2,839
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	35.85	Ordinary	6,684	6,684
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	36.79	Ordinary	12,276	12,276
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	36.79	Ordinary	6,696	6,696
19-Apr-21	Vanguard Investments Australia Ltd.	BUY	36.91	Ordinary	4,976	4,976
20-Apr-21	Vanguard Investments Australia Ltd.	BUY	36.35	Ordinary	11,140	11,140
21-Apr-21	Vanguard Investments Australia Ltd.	BUY	36.22	Ordinary	4,457	4,457
21-Apr-21	Vanguard Investments Australia Ltd.	BUY	36.22	Ordinary	9,161	9,161
27-Apr-21	Vanguard Investments Australia Ltd.	BUY	37.09	Ordinary	9,937	9,937

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-Apr-21	Vanguard Investments Australia Ltd.	BUY	37.44	Ordinary	6,127	6,127
3-May-21	Vanguard Investments Australia Ltd.	SELL	37.34	Ordinary	(1,076)	(1,076)
3-May-21	Vanguard Investments Australia Ltd.	BUY	37.34	Ordinary	5,580	5,580
6-May-21	Vanguard Investments Australia Ltd.	BUY	37.71	Ordinary	8,370	8,370
7-May-21	Vanguard Investments Australia Ltd.	BUY	37.63	Ordinary	33,525	33,525
13-May-21	Vanguard Investments Australia Ltd.	BUY	36.56	Ordinary	2,001	2,001
13-May-21	Vanguard Investments Australia Ltd.	BUY	36.56	Ordinary	674	674
13-May-21	Vanguard Investments Australia Ltd.	BUY	36.56	Ordinary	9,824	9,824
14-May-21	Vanguard Investments Australia Ltd.	BUY	37.34	Ordinary	7,812	7,812
17-May-21	Vanguard Investments Australia Ltd.	SELL	38.92	Ordinary	(8,812)	(8,812)
17-May-21	Vanguard Investments Australia Ltd.	BUY	38.92	Ordinary	6,696	6,696
19-May-21	Vanguard Investments Australia Ltd.	BUY	39.64	Ordinary	7,254	7,254
20-May-21	Vanguard Investments Australia Ltd.	IN SPECIE	40.52	Ordinary	(2,301,384)	(2,301,384)
20-May-21	Vanguard Investments Australia Ltd.	IN SPECIE	40.52	Ordinary	(19,594)	(19,594)
21-May-21	Vanguard Investments Australia Ltd.	BUY	40.65	Ordinary	11,140	11,140
25-May-21	Vanguard Investments Australia Ltd.	BUY	41.13	Ordinary	6,684	6,684
27-May-21	Vanguard Investments Australia Ltd.	SELL	41.48	Ordinary	(3,437)	(3,437)
27-May-21	Vanguard Investments Australia Ltd.	SELL	41.48	Ordinary	(860)	(860)
31-May-21	Vanguard Investments Australia Ltd.	BUY	41.05	Ordinary	19,389	19,389
8-Jun-21	Vanguard Investments Australia Ltd.	SELL	40.84	Ordinary	(1,352)	(1,352)
8-Jun-21	Vanguard Investments Australia Ltd.	BUY	40.84	Ordinary	6,696	6,696
9-Jun-21	Vanguard Investments Australia Ltd.	BUY	40.80	Ordinary	6,708	6,708
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	43.00	Ordinary	5,570	5,570
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	43.00	Ordinary	2,228	2,228

This is Annexure A of 27 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 30 June 2021