

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Goodman Group
ACN/ARSN 000 123 071

1. Details of substantial holder (1)

Name The Vanguard Group, Inc.
ACN/ARSN (if applicable) N/A

There was a change in the interests of the substantial holder on 20 December 2018

The previous notice was given to the company on 22 December 2016

The previous notice was dated 22 December 2016

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary (Vanguard Investments Australia Ltd)	101,864,419	5.694%	107,032,556	5.901%
Ordinary (The Vanguard Group Inc.)	42,896,379	2.398%	58,023,964	3.199%
Total	144,760,798	8.091%	165,056,520	9.100%

3. Changes in relevant interests

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

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
See Annexure A					

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Investments Australia Ltd	JPMorgan Chase Bank, N.A. and various other custodians	Vanguard Investments Australia Ltd is the manager of various superannuation funds, institutional investor portfolios and unit trusts and in that capacity can exercise the power to vote and/or dispose of the shares	Beneficial Owner	Ordinary – 107,032,556	107,032,556
The Vanguard Group, Inc.	JP Morgan Chase Bank, N.A.	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 26,924,362	26,924,362
The Vanguard Group, Inc.	Brown Brothers Harriman	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 3,858,163	3,858,163
The Vanguard Group, Inc.	State Street Bank and Trust Company	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 21,862,382	21,862,382
The Vanguard Group, Inc.	BNY Mellon	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 5,379,057	5,379,057

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

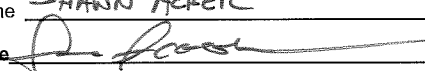
Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A

6. Addresses

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

Name	Address
Vanguard Investments Australia Ltd	Level 34, 2 Southbank Blvd, Southbank 3006 VIC Australia
The Vanguard Group, Inc.	Attn: Shawn Acker Compliance Manager P.O. Box 2600 Valley Forge, PA 19482 USA Vanguard_Fund_Compliance@Vanguard.com

Signature

print name SHAWN ACKER capacity MANAGER
 sign here  date 21 December 2018

Annexure A

To Company
ACN/ARSN

Goodman Group
000 123 071

Substantial Holder Name
ACN/ARSN

The Vanguard Group, Inc.
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
19-Dec-16	The Vanguard Group, Inc.	SELL	6.97	Ordinary	(28,419)	(28,419)
19-Dec-16	The Vanguard Group, Inc.	BUY	6.98	Ordinary	2,004	2,004
20-Dec-16	The Vanguard Group, Inc.	BUY	7.03	Ordinary	9,995	9,995
20-Dec-16	The Vanguard Group, Inc.	BUY	7.02	Ordinary	23,147	23,147
21-Dec-16	The Vanguard Group, Inc.	BUY	7.04	Ordinary	6,471	6,471
21-Dec-16	The Vanguard Group, Inc.	BUY	7.04	Ordinary	23,988	23,988
21-Dec-16	The Vanguard Group, Inc.	BUY	7.03	Ordinary	15,273	15,273
21-Dec-16	The Vanguard Group, Inc.	SELL	7.04	Ordinary	(148,104)	(148,104)
21-Dec-16	The Vanguard Group, Inc.	BUY	7.05	Ordinary	379	379
22-Dec-16	The Vanguard Group, Inc.	BUY	7.10	Ordinary	3,998	3,998
22-Dec-16	The Vanguard Group, Inc.	BUY	7.10	Ordinary	23,988	23,988
22-Dec-16	The Vanguard Group, Inc.	SELL	7.10	Ordinary	(26,136)	(26,136)
22-Dec-16	The Vanguard Group, Inc.	BUY	7.10	Ordinary	21,924	21,924
22-Dec-16	The Vanguard Group, Inc.	BUY	7.10	Ordinary	55,478	55,478
23-Dec-16	The Vanguard Group, Inc.	BUY	7.25	Ordinary	7,996	7,996
27-Dec-16	The Vanguard Group, Inc.	BUY	7.26	Ordinary	19,990	19,990
28-Dec-16	The Vanguard Group, Inc.	SELL	7.18	Ordinary	(1,858)	(1,858)
28-Dec-16	The Vanguard Group, Inc.	SELL	7.17	Ordinary	(33,165)	(33,165)
29-Dec-16	The Vanguard Group, Inc.	BUY	7.07	Ordinary	146,383	146,383
29-Dec-16	The Vanguard Group, Inc.	BUY	7.08	Ordinary	9,188	9,188
30-Dec-16	The Vanguard Group, Inc.	BUY	7.12	Ordinary	7,996	7,996
3-Jan-17	The Vanguard Group, Inc.	BUY	7.22	Ordinary	13,993	13,993
3-Jan-17	The Vanguard Group, Inc.	BUY	7.22	Ordinary	2,217	2,217
4-Jan-17	The Vanguard Group, Inc.	BUY	7.14	Ordinary	19,990	19,990
4-Jan-17	The Vanguard Group, Inc.	BUY	7.21	Ordinary	11,265	11,265
5-Jan-17	The Vanguard Group, Inc.	BUY	7.12	Ordinary	129,821	129,821
5-Jan-17	The Vanguard Group, Inc.	BUY	7.10	Ordinary	11,994	11,994
5-Jan-17	The Vanguard Group, Inc.	BUY	7.10	Ordinary	79,290	79,290
5-Jan-17	The Vanguard Group, Inc.	BUY	7.10	Ordinary	7,830	7,830
5-Jan-17	The Vanguard Group, Inc.	SELL	7.09	Ordinary	(27,134)	(27,134)
6-Jan-17	The Vanguard Group, Inc.	BUY	7.09	Ordinary	67,624	67,624
6-Jan-17	The Vanguard Group, Inc.	BUY	7.12	Ordinary	176,200	176,200
6-Jan-17	The Vanguard Group, Inc.	BUY	7.09	Ordinary	30,083	30,083
6-Jan-17	The Vanguard Group, Inc.	SELL	7.06	Ordinary	(25,520)	(25,520)
6-Jan-17	The Vanguard Group, Inc.	SELL	7.11	Ordinary	(41,451)	(41,451)
6-Jan-17	The Vanguard Group, Inc.	SELL	7.11	Ordinary	(1,270)	(1,270)
9-Jan-17	The Vanguard Group, Inc.	BUY	7.13	Ordinary	23,988	23,988
12-Jan-17	The Vanguard Group, Inc.	SELL	6.97	Ordinary	(202,630)	(202,630)
12-Jan-17	The Vanguard Group, Inc.	BUY	6.99	Ordinary	3,465	3,465
13-Jan-17	The Vanguard Group, Inc.	BUY	6.96	Ordinary	5,997	5,997
13-Jan-17	The Vanguard Group, Inc.	SELL	6.96	Ordinary	(44,050)	(44,050)
13-Jan-17	The Vanguard Group, Inc.	BUY	6.95	Ordinary	869	869
17-Jan-17	The Vanguard Group, Inc.	BUY	6.85	Ordinary	8,628	8,628
17-Jan-17	The Vanguard Group, Inc.	BUY	6.85	Ordinary	8,628	8,628
17-Jan-17	The Vanguard Group, Inc.	BUY	6.85	Ordinary	13,993	13,993
17-Jan-17	The Vanguard Group, Inc.	SELL	6.85	Ordinary	(52,860)	(52,860)
17-Jan-17	The Vanguard Group, Inc.	BUY	6.85	Ordinary	23,490	23,490
18-Jan-17	The Vanguard Group, Inc.	SELL	6.90	Ordinary	(48,742)	(48,742)
19-Jan-17	The Vanguard Group, Inc.	BUY	6.84	Ordinary	18,170	18,170
23-Jan-17	The Vanguard Group, Inc.	BUY	6.80	Ordinary	88,370	88,370
24-Jan-17	The Vanguard Group, Inc.	BUY	6.94	Ordinary	5,752	5,752
24-Jan-17	The Vanguard Group, Inc.	BUY	6.84	Ordinary	21,904	21,904
31-Jan-17	The Vanguard Group, Inc.	BUY	6.92	Ordinary	96,069	96,069
1-Feb-17	The Vanguard Group, Inc.	BUY	6.89	Ordinary	21,177	21,177
1-Feb-17	The Vanguard Group, Inc.	SELL	6.89	Ordinary	(958)	(958)
2-Feb-17	The Vanguard Group, Inc.	BUY	6.89	Ordinary	3,904	3,904
3-Feb-17	The Vanguard Group, Inc.	BUY	6.95	Ordinary	5,097	5,097
3-Feb-17	The Vanguard Group, Inc.	BUY	6.95	Ordinary	19,990	19,990
3-Feb-17	The Vanguard Group, Inc.	BUY	6.95	Ordinary	19,990	19,990
3-Feb-17	The Vanguard Group, Inc.	BUY	6.93	Ordinary	35,347	35,347
6-Feb-17	The Vanguard Group, Inc.	BUY	6.93	Ordinary	44,050	44,050
7-Feb-17	The Vanguard Group, Inc.	BUY	7.05	Ordinary	35,240	35,240

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
8-Feb-17	The Vanguard Group, Inc.	BUY	7.13	Ordinary	4,314	4,314
8-Feb-17	The Vanguard Group, Inc.	BUY	7.13	Ordinary	13,993	13,993
8-Feb-17	The Vanguard Group, Inc.	BUY	7.13	Ordinary	19,990	19,990
8-Feb-17	The Vanguard Group, Inc.	BUY	7.13	Ordinary	6,264	6,264
9-Feb-17	The Vanguard Group, Inc.	BUY	7.26	Ordinary	13,592	13,592
9-Feb-17	The Vanguard Group, Inc.	BUY	7.25	Ordinary	1,868	1,868
10-Feb-17	The Vanguard Group, Inc.	BUY	7.26	Ordinary	10,194	10,194
10-Feb-17	The Vanguard Group, Inc.	BUY	7.26	Ordinary	23,988	23,988
13-Feb-17	The Vanguard Group, Inc.	BUY	7.24	Ordinary	3,595	3,595
14-Feb-17	The Vanguard Group, Inc.	BUY	7.28	Ordinary	124,950	124,950
15-Feb-17	The Vanguard Group, Inc.	BUY	7.24	Ordinary	5,097	5,097
15-Feb-17	The Vanguard Group, Inc.	BUY	7.24	Ordinary	4,314	4,314
15-Feb-17	The Vanguard Group, Inc.	BUY	7.24	Ordinary	3,998	3,998
15-Feb-17	The Vanguard Group, Inc.	SELL	7.28	Ordinary	(1,544)	(1,544)
16-Feb-17	The Vanguard Group, Inc.	BUY	7.40	Ordinary	25,333	25,333
16-Feb-17	The Vanguard Group, Inc.	SELL	7.40	Ordinary	(902)	(902)
16-Feb-17	The Vanguard Group, Inc.	BUY	7.25	Ordinary	88,100	88,100
17-Feb-17	The Vanguard Group, Inc.	BUY	7.37	Ordinary	10,066	10,066
17-Feb-17	The Vanguard Group, Inc.	BUY	7.37	Ordinary	52,860	52,860
17-Feb-17	The Vanguard Group, Inc.	BUY	7.36	Ordinary	400	400
21-Feb-17	The Vanguard Group, Inc.	SELL	7.45	Ordinary	(5,164)	(5,164)
22-Feb-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	19,990	19,990
22-Feb-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	44,050	44,050
22-Feb-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	96,910	96,910
22-Feb-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	943	943
22-Feb-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	14,070	14,070
22-Feb-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	1,349	1,349
23-Feb-17	The Vanguard Group, Inc.	BUY	7.54	Ordinary	21,969	21,969
23-Feb-17	The Vanguard Group, Inc.	BUY	7.57	Ordinary	61,670	61,670
24-Feb-17	The Vanguard Group, Inc.	BUY	7.59	Ordinary	11,994	11,994
24-Feb-17	The Vanguard Group, Inc.	BUY	7.59	Ordinary	35,240	35,240
28-Feb-17	The Vanguard Group, Inc.	SELL	7.55	Ordinary	(14,933)	(14,933)
1-Mar-17	The Vanguard Group, Inc.	BUY	7.58	Ordinary	4,314	4,314
1-Mar-17	The Vanguard Group, Inc.	BUY	7.54	Ordinary	1,043	1,043
2-Mar-17	The Vanguard Group, Inc.	BUY	7.53	Ordinary	93,311	93,311
3-Mar-17	The Vanguard Group, Inc.	BUY	7.62	Ordinary	27,986	27,986
6-Mar-17	The Vanguard Group, Inc.	BUY	7.64	Ordinary	44,050	44,050
6-Mar-17	The Vanguard Group, Inc.	SELL	7.64	Ordinary	(14,291)	(14,291)
6-Mar-17	The Vanguard Group, Inc.	SELL	7.64	Ordinary	(3,191)	(3,191)
7-Mar-17	The Vanguard Group, Inc.	BUY	7.63	Ordinary	102,204	102,204
7-Mar-17	The Vanguard Group, Inc.	BUY	7.59	Ordinary	808	808
8-Mar-17	The Vanguard Group, Inc.	BUY	7.54	Ordinary	8,495	8,495
8-Mar-17	The Vanguard Group, Inc.	BUY	7.54	Ordinary	10,194	10,194
8-Mar-17	The Vanguard Group, Inc.	BUY	7.55	Ordinary	86,519	86,519
8-Mar-17	The Vanguard Group, Inc.	BUY	7.54	Ordinary	7,190	7,190
8-Mar-17	The Vanguard Group, Inc.	BUY	7.54	Ordinary	9,995	9,995
9-Mar-17	The Vanguard Group, Inc.	BUY	7.46	Ordinary	19,990	19,990
9-Mar-17	The Vanguard Group, Inc.	BUY	7.46	Ordinary	96,910	96,910
9-Mar-17	The Vanguard Group, Inc.	BUY	7.46	Ordinary	3,465	3,465
10-Mar-17	The Vanguard Group, Inc.	BUY	7.42	Ordinary	6,471	6,471
10-Mar-17	The Vanguard Group, Inc.	BUY	7.42	Ordinary	19,990	19,990
10-Mar-17	The Vanguard Group, Inc.	BUY	7.42	Ordinary	5,997	5,997
10-Mar-17	The Vanguard Group, Inc.	BUY	7.42	Ordinary	23,490	23,490
13-Mar-17	The Vanguard Group, Inc.	BUY	7.39	Ordinary	19,990	19,990
13-Mar-17	The Vanguard Group, Inc.	BUY	7.39	Ordinary	23,988	23,988
13-Mar-17	The Vanguard Group, Inc.	BUY	7.39	Ordinary	7,830	7,830
14-Mar-17	The Vanguard Group, Inc.	BUY	7.37	Ordinary	19,990	19,990
14-Mar-17	The Vanguard Group, Inc.	BUY	7.37	Ordinary	17,991	17,991
15-Mar-17	The Vanguard Group, Inc.	BUY	7.56	Ordinary	10,194	10,194
15-Mar-17	The Vanguard Group, Inc.	BUY	7.56	Ordinary	4,314	4,314
15-Mar-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	3,465	3,465
15-Mar-17	The Vanguard Group, Inc.	BUY	7.51	Ordinary	52,482	52,482
16-Mar-17	The Vanguard Group, Inc.	BUY	7.61	Ordinary	23,490	23,490
16-Mar-17	The Vanguard Group, Inc.	BUY	7.62	Ordinary	411,323	411,323
17-Mar-17	The Vanguard Group, Inc.	BUY	7.75	Ordinary	80,065	80,065
17-Mar-17	The Vanguard Group, Inc.	BUY	7.75	Ordinary	7,219	7,219
17-Mar-17	The Vanguard Group, Inc.	BUY	7.75	Ordinary	295	295
20-Mar-17	The Vanguard Group, Inc.	BUY	7.74	Ordinary	11,994	11,994
20-Mar-17	The Vanguard Group, Inc.	BUY	7.65	Ordinary	12,024	12,024

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Mar-17	The Vanguard Group, Inc.	BUY	7.65	Ordinary	8,016	8,016
20-Mar-17	The Vanguard Group, Inc.	BUY	7.75	Ordinary	25,736	25,736
20-Mar-17	The Vanguard Group, Inc.	BUY	7.66	Ordinary	9,265	9,265
21-Mar-17	The Vanguard Group, Inc.	BUY	7.48	Ordinary	20,040	20,040
21-Mar-17	The Vanguard Group, Inc.	BUY	7.50	Ordinary	3,319	3,319
21-Mar-17	The Vanguard Group, Inc.	BUY	7.50	Ordinary	4,538	4,538
22-Mar-17	The Vanguard Group, Inc.	BUY	7.61	Ordinary	11,368	11,368
23-Mar-17	The Vanguard Group, Inc.	BUY	7.57	Ordinary	12,717	12,717
27-Mar-17	The Vanguard Group, Inc.	BUY	7.69	Ordinary	973	973
28-Mar-17	The Vanguard Group, Inc.	BUY	7.70	Ordinary	21,467	21,467
28-Mar-17	The Vanguard Group, Inc.	BUY	7.70	Ordinary	636	636
29-Mar-17	The Vanguard Group, Inc.	BUY	7.73	Ordinary	3,465	3,465
30-Mar-17	The Vanguard Group, Inc.	BUY	7.94	Ordinary	6,754	6,754
31-Mar-17	The Vanguard Group, Inc.	BUY	7.74	Ordinary	3,684	3,684
31-Mar-17	The Vanguard Group, Inc.	BUY	7.74	Ordinary	2,134	2,134
3-Apr-17	The Vanguard Group, Inc.	BUY	7.81	Ordinary	1,705	1,705
3-Apr-17	The Vanguard Group, Inc.	BUY	7.81	Ordinary	4,912	4,912
4-Apr-17	The Vanguard Group, Inc.	BUY	7.85	Ordinary	12,120	12,120
4-Apr-17	The Vanguard Group, Inc.	BUY	7.85	Ordinary	144,417	144,417
4-Apr-17	The Vanguard Group, Inc.	BUY	7.88	Ordinary	12,024	12,024
4-Apr-17	The Vanguard Group, Inc.	BUY	7.88	Ordinary	20,040	20,040
4-Apr-17	The Vanguard Group, Inc.	BUY	7.88	Ordinary	96,437	96,437
4-Apr-17	The Vanguard Group, Inc.	BUY	7.88	Ordinary	5,992	5,992
5-Apr-17	The Vanguard Group, Inc.	BUY	7.89	Ordinary	57,392	57,392
5-Apr-17	The Vanguard Group, Inc.	BUY	7.93	Ordinary	28,056	28,056
5-Apr-17	The Vanguard Group, Inc.	BUY	7.89	Ordinary	1,890	1,890
6-Apr-17	The Vanguard Group, Inc.	BUY	8.04	Ordinary	5,115	5,115
6-Apr-17	The Vanguard Group, Inc.	BUY	8.04	Ordinary	6,754	6,754
6-Apr-17	The Vanguard Group, Inc.	BUY	8.03	Ordinary	72,506	72,506
7-Apr-17	The Vanguard Group, Inc.	BUY	8.04	Ordinary	2,137	2,137
7-Apr-17	The Vanguard Group, Inc.	BUY	8.04	Ordinary	26,097	26,097
11-Apr-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	6,754	6,754
11-Apr-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	1,318	1,318
12-Apr-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	5,115	5,115
12-Apr-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	10,020	10,020
12-Apr-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	8,016	8,016
12-Apr-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	79,751	79,751
19-Apr-17	The Vanguard Group, Inc.	BUY	8.15	Ordinary	40,080	40,080
19-Apr-17	The Vanguard Group, Inc.	SELL	8.20	Ordinary	(824)	(824)
19-Apr-17	The Vanguard Group, Inc.	BUY	8.17	Ordinary	386	386
19-Apr-17	The Vanguard Group, Inc.	BUY	8.20	Ordinary	12,903	12,903
20-Apr-17	The Vanguard Group, Inc.	BUY	8.22	Ordinary	103,421	103,421
20-Apr-17	The Vanguard Group, Inc.	SELL	8.21	Ordinary	(21,695)	(21,695)
21-Apr-17	The Vanguard Group, Inc.	BUY	8.26	Ordinary	12,024	12,024
21-Apr-17	The Vanguard Group, Inc.	BUY	8.26	Ordinary	70,136	70,136
21-Apr-17	The Vanguard Group, Inc.	BUY	8.26	Ordinary	43,835	43,835
24-Apr-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	4,912	4,912
24-Apr-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	26,301	26,301
24-Apr-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	96,437	96,437
24-Apr-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	1,724	1,724
25-Apr-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	20,040	20,040
25-Apr-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	8,016	8,016
26-Apr-17	The Vanguard Group, Inc.	BUY	8.09	Ordinary	43,978	43,978
26-Apr-17	The Vanguard Group, Inc.	BUY	8.09	Ordinary	20,972	20,972
26-Apr-17	The Vanguard Group, Inc.	BUY	8.09	Ordinary	2,454	2,454
27-Apr-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	23,968	23,968
27-Apr-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	8,688	8,688
2-May-17	The Vanguard Group, Inc.	BUY	8.36	Ordinary	40,080	40,080
2-May-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	27,428	27,428
3-May-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	6,754	6,754
3-May-17	The Vanguard Group, Inc.	BUY	8.37	Ordinary	23,170	23,170
4-May-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	9,824	9,824
4-May-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	19,384	19,384
5-May-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	6,140	6,140
5-May-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	4,008	4,008
5-May-17	The Vanguard Group, Inc.	BUY	8.33	Ordinary	14,566	14,566
8-May-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	15,345	15,345
8-May-17	The Vanguard Group, Inc.	BUY	8.22	Ordinary	3,465	3,465
8-May-17	The Vanguard Group, Inc.	BUY	8.22	Ordinary	8,720	8,720

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-May-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	768	768
10-May-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	11,935	11,935
10-May-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	36,072	36,072
10-May-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	43,835	43,835
15-May-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	52,602	52,602
16-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	20,040	20,040
16-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	4,008	4,008
16-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	12,024	12,024
16-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	12,265	12,265
17-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	100,346	100,346
17-May-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	24,048	24,048
17-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	44,250	44,250
17-May-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	7,645	7,645
18-May-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	49,818	49,818
18-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	12,024	12,024
18-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	35,392	35,392
18-May-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	17,491	17,491
19-May-17	The Vanguard Group, Inc.	BUY	8.42	Ordinary	6,140	6,140
19-May-17	The Vanguard Group, Inc.	BUY	8.42	Ordinary	5,992	5,992
22-May-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	14,961	14,961
23-May-17	The Vanguard Group, Inc.	BUY	8.47	Ordinary	14,391	14,391
24-May-17	The Vanguard Group, Inc.	BUY	8.53	Ordinary	6,820	6,820
24-May-17	The Vanguard Group, Inc.	BUY	8.49	Ordinary	3,465	3,465
25-May-17	The Vanguard Group, Inc.	BUY	8.54	Ordinary	6,140	6,140
25-May-17	The Vanguard Group, Inc.	BUY	8.54	Ordinary	6,140	6,140
26-May-17	The Vanguard Group, Inc.	BUY	8.58	Ordinary	20,040	20,040
26-May-17	The Vanguard Group, Inc.	BUY	8.58	Ordinary	928	928
31-May-17	The Vanguard Group, Inc.	BUY	8.49	Ordinary	2,004	2,004
1-Jun-17	The Vanguard Group, Inc.	BUY	8.57	Ordinary	28,056	28,056
1-Jun-17	The Vanguard Group, Inc.	BUY	8.57	Ordinary	40,446	40,446
1-Jun-17	The Vanguard Group, Inc.	BUY	8.55	Ordinary	1,048	1,048
2-Jun-17	The Vanguard Group, Inc.	BUY	8.64	Ordinary	13,640	13,640
2-Jun-17	The Vanguard Group, Inc.	BUY	8.64	Ordinary	5,115	5,115
2-Jun-17	The Vanguard Group, Inc.	BUY	8.64	Ordinary	6,820	6,820
2-Jun-17	The Vanguard Group, Inc.	SELL	8.61	Ordinary	(79,353)	(79,353)
5-Jun-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	6,820	6,820
5-Jun-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	17,696	17,696
5-Jun-17	The Vanguard Group, Inc.	SELL	8.67	Ordinary	(23,009)	(23,009)
5-Jun-17	The Vanguard Group, Inc.	BUY	8.68	Ordinary	11,107	11,107
5-Jun-17	The Vanguard Group, Inc.	BUY	8.65	Ordinary	6,054	6,054
6-Jun-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	35,392	35,392
6-Jun-17	The Vanguard Group, Inc.	BUY	8.51	Ordinary	976	976
7-Jun-17	The Vanguard Group, Inc.	BUY	8.45	Ordinary	9,210	9,210
7-Jun-17	The Vanguard Group, Inc.	BUY	8.47	Ordinary	3,465	3,465
8-Jun-17	The Vanguard Group, Inc.	SELL	8.38	Ordinary	(5,576)	(5,576)
9-Jun-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	8,525	8,525
9-Jun-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	6,140	6,140
9-Jun-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	44,088	44,088
9-Jun-17	The Vanguard Group, Inc.	SELL	8.34	Ordinary	(11,621)	(11,621)
12-Jun-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	11,935	11,935
12-Jun-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	5,115	5,115
12-Jun-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	53,088	53,088
12-Jun-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	8,988	8,988
13-Jun-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	1,233	1,233
14-Jun-17	The Vanguard Group, Inc.	BUY	8.59	Ordinary	26,964	26,964
15-Jun-17	The Vanguard Group, Inc.	BUY	8.59	Ordinary	27,249	27,249
16-Jun-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	5,526	5,526
16-Jun-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	8,016	8,016
16-Jun-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	8,799	8,799
16-Jun-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	33,673	33,673
16-Jun-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	4,123	4,123
19-Jun-17	The Vanguard Group, Inc.	BUY	8.72	Ordinary	6,820	6,820
19-Jun-17	The Vanguard Group, Inc.	BUY	8.72	Ordinary	28,056	28,056
20-Jun-17	The Vanguard Group, Inc.	BUY	8.49	Ordinary	4,298	4,298
20-Jun-17	The Vanguard Group, Inc.	BUY	8.57	Ordinary	3,465	3,465
21-Jun-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	25,251	25,251
22-Jun-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	10,020	10,020
22-Jun-17	The Vanguard Group, Inc.	BUY	8.35	Ordinary	23,258	23,258
23-Jun-17	The Vanguard Group, Inc.	BUY	8.26	Ordinary	995	995

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Jun-17	The Vanguard Group, Inc.	SELL	8.35	Ordinary	(22,896)	(22,896)
23-Jun-17	The Vanguard Group, Inc.	BUY	8.26	Ordinary	24,673	24,673
27-Jun-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	8,016	8,016
28-Jun-17	The Vanguard Group, Inc.	BUY	8.24	Ordinary	12,024	12,024
28-Jun-17	The Vanguard Group, Inc.	BUY	8.24	Ordinary	36,072	36,072
28-Jun-17	The Vanguard Group, Inc.	BUY	8.24	Ordinary	36,072	36,072
29-Jun-17	The Vanguard Group, Inc.	BUY	8.13	Ordinary	643	643
29-Jun-17	The Vanguard Group, Inc.	BUY	8.10	Ordinary	97,328	97,328
3-Jul-17	The Vanguard Group, Inc.	BUY	7.79	Ordinary	8,596	8,596
3-Jul-17	The Vanguard Group, Inc.	BUY	7.79	Ordinary	12,024	12,024
4-Jul-17	The Vanguard Group, Inc.	BUY	7.92	Ordinary	10,395	10,395
5-Jul-17	The Vanguard Group, Inc.	BUY	7.90	Ordinary	547	547
6-Jul-17	The Vanguard Group, Inc.	BUY	7.97	Ordinary	98,387	98,387
7-Jul-17	The Vanguard Group, Inc.	BUY	7.95	Ordinary	1,660	1,660
10-Jul-17	The Vanguard Group, Inc.	BUY	7.97	Ordinary	3,465	3,465
11-Jul-17	The Vanguard Group, Inc.	BUY	7.83	Ordinary	3,390	3,390
11-Jul-17	The Vanguard Group, Inc.	BUY	7.83	Ordinary	12,024	12,024
11-Jul-17	The Vanguard Group, Inc.	BUY	7.83	Ordinary	2,429	2,429
12-Jul-17	The Vanguard Group, Inc.	BUY	7.69	Ordinary	11,865	11,865
12-Jul-17	The Vanguard Group, Inc.	BUY	7.69	Ordinary	6,140	6,140
12-Jul-17	The Vanguard Group, Inc.	BUY	7.69	Ordinary	35,392	35,392
13-Jul-17	The Vanguard Group, Inc.	BUY	7.89	Ordinary	12,280	12,280
13-Jul-17	The Vanguard Group, Inc.	BUY	7.88	Ordinary	3,465	3,465
14-Jul-17	The Vanguard Group, Inc.	BUY	7.90	Ordinary	84,946	84,946
14-Jul-17	The Vanguard Group, Inc.	BUY	7.92	Ordinary	40,080	40,080
14-Jul-17	The Vanguard Group, Inc.	BUY	7.92	Ordinary	12,024	12,024
17-Jul-17	The Vanguard Group, Inc.	BUY	7.90	Ordinary	6,780	6,780
24-Jul-17	The Vanguard Group, Inc.	SELL	7.87	Ordinary	(28,244)	(28,244)
25-Jul-17	The Vanguard Group, Inc.	BUY	7.88	Ordinary	18,036	18,036
26-Jul-17	The Vanguard Group, Inc.	BUY	7.94	Ordinary	3,070	3,070
26-Jul-17	The Vanguard Group, Inc.	BUY	7.94	Ordinary	53,088	53,088
26-Jul-17	The Vanguard Group, Inc.	BUY	7.92	Ordinary	53,185	53,185
27-Jul-17	The Vanguard Group, Inc.	BUY	7.97	Ordinary	24,048	24,048
28-Jul-17	The Vanguard Group, Inc.	BUY	7.93	Ordinary	12,024	12,024
31-Jul-17	The Vanguard Group, Inc.	SELL	7.96	Ordinary	(10,375)	(10,375)
1-Aug-17	The Vanguard Group, Inc.	BUY	8.00	Ordinary	12,024	12,024
1-Aug-17	The Vanguard Group, Inc.	BUY	8.00	Ordinary	48,096	48,096
1-Aug-17	The Vanguard Group, Inc.	BUY	7.99	Ordinary	631	631
2-Aug-17	The Vanguard Group, Inc.	BUY	7.98	Ordinary	15,255	15,255
2-Aug-17	The Vanguard Group, Inc.	BUY	7.98	Ordinary	17,696	17,696
2-Aug-17	The Vanguard Group, Inc.	BUY	8.02	Ordinary	3,465	3,465
2-Aug-17	The Vanguard Group, Inc.	BUY	7.98	Ordinary	94,500	94,500
3-Aug-17	The Vanguard Group, Inc.	BUY	8.08	Ordinary	53,088	53,088
4-Aug-17	The Vanguard Group, Inc.	BUY	8.06	Ordinary	26,544	26,544
7-Aug-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	49,320	49,320
8-Aug-17	The Vanguard Group, Inc.	BUY	8.12	Ordinary	16,032	16,032
9-Aug-17	The Vanguard Group, Inc.	BUY	8.19	Ordinary	77,780	77,780
9-Aug-17	The Vanguard Group, Inc.	BUY	8.20	Ordinary	12,280	12,280
9-Aug-17	The Vanguard Group, Inc.	BUY	8.20	Ordinary	12,024	12,024
9-Aug-17	The Vanguard Group, Inc.	BUY	8.19	Ordinary	2,638	2,638
9-Aug-17	The Vanguard Group, Inc.	BUY	8.19	Ordinary	490	490
10-Aug-17	The Vanguard Group, Inc.	BUY	8.22	Ordinary	2,002	2,002
11-Aug-17	The Vanguard Group, Inc.	BUY	8.13	Ordinary	23,257	23,257
11-Aug-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	863	863
14-Aug-17	The Vanguard Group, Inc.	BUY	8.23	Ordinary	5,085	5,085
14-Aug-17	The Vanguard Group, Inc.	BUY	8.23	Ordinary	44,240	44,240
14-Aug-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	45,513	45,513
16-Aug-17	The Vanguard Group, Inc.	BUY	8.45	Ordinary	10,170	10,170
16-Aug-17	The Vanguard Group, Inc.	BUY	8.39	Ordinary	76,954	76,954
16-Aug-17	The Vanguard Group, Inc.	BUY	8.45	Ordinary	6,140	6,140
16-Aug-17	The Vanguard Group, Inc.	BUY	8.41	Ordinary	3,465	3,465
17-Aug-17	The Vanguard Group, Inc.	BUY	8.45	Ordinary	32,064	32,064
18-Aug-17	The Vanguard Group, Inc.	BUY	8.52	Ordinary	12,024	12,024
18-Aug-17	The Vanguard Group, Inc.	BUY	8.52	Ordinary	12,024	12,024
21-Aug-17	The Vanguard Group, Inc.	BUY	8.44	Ordinary	53,088	53,088
21-Aug-17	The Vanguard Group, Inc.	BUY	8.52	Ordinary	21,754	21,754
23-Aug-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	26,052	26,052
23-Aug-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	1,123	1,123
24-Aug-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	3,927	3,927

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
25-Aug-17	The Vanguard Group, Inc.	BUY	8.25	Ordinary	6,780	6,780
29-Aug-17	The Vanguard Group, Inc.	BUY	8.16	Ordinary	53,088	53,088
30-Aug-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	16,032	16,032
31-Aug-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	17,696	17,696
1-Sep-17	The Vanguard Group, Inc.	BUY	8.27	Ordinary	5,085	5,085
1-Sep-17	The Vanguard Group, Inc.	BUY	8.23	Ordinary	121,724	121,724
5-Sep-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	24,048	24,048
5-Sep-17	The Vanguard Group, Inc.	BUY	8.18	Ordinary	26,544	26,544
6-Sep-17	The Vanguard Group, Inc.	BUY	8.19	Ordinary	3,390	3,390
6-Sep-17	The Vanguard Group, Inc.	BUY	8.19	Ordinary	16,950	16,950
7-Sep-17	The Vanguard Group, Inc.	BUY	8.12	Ordinary	3,465	3,465
7-Sep-17	The Vanguard Group, Inc.	BUY	8.12	Ordinary	1,327	1,327
8-Sep-17	The Vanguard Group, Inc.	BUY	8.15	Ordinary	1,988	1,988
11-Sep-17	The Vanguard Group, Inc.	SELL	8.26	Ordinary	(8,896)	(8,896)
14-Sep-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	8,848	8,848
15-Sep-17	The Vanguard Group, Inc.	SELL	8.34	Ordinary	(70,443)	(70,443)
15-Sep-17	The Vanguard Group, Inc.	SELL	8.34	Ordinary	(33,516)	(33,516)
15-Sep-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	7,561	7,561
15-Sep-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	1,176	1,176
15-Sep-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	317	317
15-Sep-17	The Vanguard Group, Inc.	SELL	8.34	Ordinary	(141)	(141)
22-Sep-17	The Vanguard Group, Inc.	BUY	8.05	Ordinary	17,675	17,675
22-Sep-17	The Vanguard Group, Inc.	BUY	8.05	Ordinary	1,298	1,298
25-Sep-17	The Vanguard Group, Inc.	BUY	8.03	Ordinary	22,044	22,044
25-Sep-17	The Vanguard Group, Inc.	BUY	8.03	Ordinary	12,024	12,024
25-Sep-17	The Vanguard Group, Inc.	BUY	8.08	Ordinary	23,934	23,934
25-Sep-17	The Vanguard Group, Inc.	BUY	8.03	Ordinary	69,576	69,576
26-Sep-17	The Vanguard Group, Inc.	BUY	8.12	Ordinary	14,028	14,028
27-Sep-17	The Vanguard Group, Inc.	SELL	8.13	Ordinary	(8,217)	(8,217)
27-Sep-17	The Vanguard Group, Inc.	BUY	8.13	Ordinary	8,217	8,217
27-Sep-17	The Vanguard Group, Inc.	BUY	8.13	Ordinary	5,816	5,816
27-Sep-17	The Vanguard Group, Inc.	BUY	8.13	Ordinary	17,394	17,394
2-Oct-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	28,056	28,056
2-Oct-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	14,028	14,028
2-Oct-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	26,325	26,325
2-Oct-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	16,440	16,440
2-Oct-17	The Vanguard Group, Inc.	BUY	8.28	Ordinary	16,440	16,440
4-Oct-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	26,052	26,052
4-Oct-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	16,032	16,032
6-Oct-17	The Vanguard Group, Inc.	BUY	8.24	Ordinary	8,475	8,475
6-Oct-17	The Vanguard Group, Inc.	BUY	8.24	Ordinary	12,024	12,024
6-Oct-17	The Vanguard Group, Inc.	BUY	8.24	Ordinary	6,888	6,888
6-Oct-17	The Vanguard Group, Inc.	BUY	8.23	Ordinary	2,964	2,964
9-Oct-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	12,024	12,024
9-Oct-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	13,776	13,776
9-Oct-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	8,220	8,220
10-Oct-17	The Vanguard Group, Inc.	BUY	8.30	Ordinary	7,270	7,270
10-Oct-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	124,439	124,439
10-Oct-17	The Vanguard Group, Inc.	SELL	8.29	Ordinary	(897)	(897)
11-Oct-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	6,888	6,888
12-Oct-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	9,184	9,184
12-Oct-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	70,200	70,200
13-Oct-17	The Vanguard Group, Inc.	SELL	8.36	Ordinary	(41,617)	(41,617)
17-Oct-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	6,888	6,888
17-Oct-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	6,576	6,576
17-Oct-17	The Vanguard Group, Inc.	BUY	8.31	Ordinary	2,787	2,787
18-Oct-17	The Vanguard Group, Inc.	BUY	8.34	Ordinary	5,816	5,816
19-Oct-17	The Vanguard Group, Inc.	BUY	8.36	Ordinary	28,056	28,056
19-Oct-17	The Vanguard Group, Inc.	BUY	8.36	Ordinary	6,888	6,888
20-Oct-17	The Vanguard Group, Inc.	BUY	8.40	Ordinary	70,200	70,200
23-Oct-17	The Vanguard Group, Inc.	BUY	8.21	Ordinary	22,659	22,659
23-Oct-17	The Vanguard Group, Inc.	SELL	8.23	Ordinary	(704)	(704)
25-Oct-17	The Vanguard Group, Inc.	BUY	8.32	Ordinary	3,465	3,465
26-Oct-17	The Vanguard Group, Inc.	BUY	8.33	Ordinary	16,032	16,032
30-Oct-17	The Vanguard Group, Inc.	BUY	8.29	Ordinary	2,908	2,908
30-Oct-17	The Vanguard Group, Inc.	SELL	8.32	Ordinary	(46,785)	(46,785)
30-Oct-17	The Vanguard Group, Inc.	BUY	8.29	Ordinary	13,260	13,260
31-Oct-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	7,270	7,270
31-Oct-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	7,536	7,536

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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-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	52,650	52,650
31-Oct-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	17,550	17,550
1-Nov-17	The Vanguard Group, Inc.	BUY	8.37	Ordinary	7,270	7,270
1-Nov-17	The Vanguard Group, Inc.	BUY	8.42	Ordinary	51,283	51,283
1-Nov-17	The Vanguard Group, Inc.	SELL	8.38	Ordinary	(8,403)	(8,403)
1-Nov-17	The Vanguard Group, Inc.	BUY	8.38	Ordinary	1,280	1,280
2-Nov-17	The Vanguard Group, Inc.	BUY	8.43	Ordinary	160,357	160,357
2-Nov-17	The Vanguard Group, Inc.	BUY	8.36	Ordinary	10,020	10,020
2-Nov-17	The Vanguard Group, Inc.	BUY	8.36	Ordinary	35,100	35,100
2-Nov-17	The Vanguard Group, Inc.	BUY	8.36	Ordinary	6,972	6,972
3-Nov-17	The Vanguard Group, Inc.	BUY	8.45	Ordinary	16,032	16,032
3-Nov-17	The Vanguard Group, Inc.	BUY	8.45	Ordinary	52,650	52,650
6-Nov-17	The Vanguard Group, Inc.	BUY	8.44	Ordinary	12,024	12,024
7-Nov-17	The Vanguard Group, Inc.	BUY	8.55	Ordinary	20,891	20,891
8-Nov-17	The Vanguard Group, Inc.	BUY	8.52	Ordinary	12,201	12,201
9-Nov-17	The Vanguard Group, Inc.	BUY	8.71	Ordinary	8,475	8,475
10-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	18,645	18,645
10-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	26,145	26,145
13-Nov-17	The Vanguard Group, Inc.	BUY	8.73	Ordinary	70,200	70,200
14-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	19,063	19,063
14-Nov-17	The Vanguard Group, Inc.	BUY	8.65	Ordinary	10,458	10,458
15-Nov-17	The Vanguard Group, Inc.	BUY	8.62	Ordinary	5,085	5,085
15-Nov-17	The Vanguard Group, Inc.	BUY	8.62	Ordinary	35,400	35,400
16-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	10,170	10,170
16-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	8,724	8,724
16-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	7,536	7,536
17-Nov-17	The Vanguard Group, Inc.	BUY	8.64	Ordinary	15,267	15,267
17-Nov-17	The Vanguard Group, Inc.	BUY	8.64	Ordinary	88,500	88,500
20-Nov-17	The Vanguard Group, Inc.	BUY	8.68	Ordinary	8,715	8,715
24-Nov-17	The Vanguard Group, Inc.	BUY	8.72	Ordinary	71,408	71,408
24-Nov-17	The Vanguard Group, Inc.	BUY	8.71	Ordinary	1,313	1,313
30-Nov-17	The Vanguard Group, Inc.	BUY	8.69	Ordinary	1,210	1,210
4-Dec-17	The Vanguard Group, Inc.	BUY	8.54	Ordinary	25,120	25,120
5-Dec-17	The Vanguard Group, Inc.	BUY	8.60	Ordinary	135,297	135,297
5-Dec-17	The Vanguard Group, Inc.	SELL	8.56	Ordinary	(5,530)	(5,530)
5-Dec-17	The Vanguard Group, Inc.	BUY	8.56	Ordinary	23,946	23,946
5-Dec-17	The Vanguard Group, Inc.	BUY	8.60	Ordinary	27,274	27,274
6-Dec-17	The Vanguard Group, Inc.	BUY	8.55	Ordinary	10,020	10,020
6-Dec-17	The Vanguard Group, Inc.	BUY	8.55	Ordinary	10,048	10,048
6-Dec-17	The Vanguard Group, Inc.	SELL	8.52	Ordinary	(26,469)	(26,469)
7-Dec-17	The Vanguard Group, Inc.	BUY	8.63	Ordinary	77,839	77,839
8-Dec-17	The Vanguard Group, Inc.	BUY	8.62	Ordinary	26,004	26,004
8-Dec-17	The Vanguard Group, Inc.	BUY	8.62	Ordinary	78,012	78,012
8-Dec-17	The Vanguard Group, Inc.	SELL	8.60	Ordinary	(2,777)	(2,777)
11-Dec-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	12,359	12,359
11-Dec-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	12,560	12,560
13-Dec-17	The Vanguard Group, Inc.	BUY	8.82	Ordinary	7,270	7,270
14-Dec-17	The Vanguard Group, Inc.	BUY	8.76	Ordinary	24,048	24,048
15-Dec-17	The Vanguard Group, Inc.	BUY	8.83	Ordinary	8,016	8,016
15-Dec-17	The Vanguard Group, Inc.	SELL	8.80	Ordinary	(26,130)	(26,130)
15-Dec-17	The Vanguard Group, Inc.	BUY	8.80	Ordinary	984	984
18-Dec-17	The Vanguard Group, Inc.	BUY	8.88	Ordinary	6,450	6,450
18-Dec-17	The Vanguard Group, Inc.	SELL	8.87	Ordinary	(28,177)	(28,177)
18-Dec-17	The Vanguard Group, Inc.	BUY	8.87	Ordinary	1,365	1,365
18-Dec-17	The Vanguard Group, Inc.	BUY	8.87	Ordinary	1,361	1,361
20-Dec-17	The Vanguard Group, Inc.	BUY	8.78	Ordinary	147,908	147,908
20-Dec-17	The Vanguard Group, Inc.	BUY	8.75	Ordinary	12,560	12,560
20-Dec-17	The Vanguard Group, Inc.	SELL	8.75	Ordinary	(17,326)	(17,326)
20-Dec-17	The Vanguard Group, Inc.	SELL	8.78	Ordinary	(1,727)	(1,727)
21-Dec-17	The Vanguard Group, Inc.	SELL	8.66	Ordinary	(6,704)	(6,704)
21-Dec-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	10,345	10,345
21-Dec-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	10,048	10,048
21-Dec-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	12,560	12,560
21-Dec-17	The Vanguard Group, Inc.	BUY	8.66	Ordinary	24,500	24,500
21-Dec-17	The Vanguard Group, Inc.	SELL	8.66	Ordinary	(1,451)	(1,451)
22-Dec-17	The Vanguard Group, Inc.	BUY	8.61	Ordinary	2,512	2,512
22-Dec-17	The Vanguard Group, Inc.	BUY	8.61	Ordinary	6,125	6,125
26-Dec-17	The Vanguard Group, Inc.	BUY	8.61	Ordinary	28,966	28,966
27-Dec-17	The Vanguard Group, Inc.	BUY	8.63	Ordinary	30,135	30,135

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27-Dec-17	The Vanguard Group, Inc.	BUY	8.57	Ordinary	1,225	1,225
28-Dec-17	The Vanguard Group, Inc.	BUY	8.57	Ordinary	12,900	12,900
28-Dec-17	The Vanguard Group, Inc.	BUY	8.56	Ordinary	7,770	7,770
28-Dec-17	The Vanguard Group, Inc.	BUY	8.56	Ordinary	2,659	2,659
29-Dec-17	The Vanguard Group, Inc.	SELL	8.40	Ordinary	(10,056)	(10,056)
2-Jan-18	The Vanguard Group, Inc.	BUY	8.40	Ordinary	2,716	2,716
4-Jan-18	The Vanguard Group, Inc.	BUY	8.47	Ordinary	8,276	8,276
4-Jan-18	The Vanguard Group, Inc.	BUY	8.47	Ordinary	12,250	12,250
4-Jan-18	The Vanguard Group, Inc.	BUY	8.47	Ordinary	743	743
4-Jan-18	The Vanguard Group, Inc.	BUY	8.47	Ordinary	31,044	31,044
5-Jan-18	The Vanguard Group, Inc.	BUY	8.41	Ordinary	68,356	68,356
5-Jan-18	The Vanguard Group, Inc.	BUY	8.42	Ordinary	10,345	10,345
8-Jan-18	The Vanguard Group, Inc.	BUY	8.40	Ordinary	59,171	59,171
8-Jan-18	The Vanguard Group, Inc.	BUY	8.39	Ordinary	2,174	2,174
9-Jan-18	The Vanguard Group, Inc.	BUY	8.42	Ordinary	24,828	24,828
10-Jan-18	The Vanguard Group, Inc.	BUY	8.19	Ordinary	3,392	3,392
11-Jan-18	The Vanguard Group, Inc.	BUY	8.15	Ordinary	16,552	16,552
12-Jan-18	The Vanguard Group, Inc.	BUY	8.16	Ordinary	11,610	11,610
12-Jan-18	The Vanguard Group, Inc.	BUY	8.14	Ordinary	102,576	102,576
16-Jan-18	The Vanguard Group, Inc.	BUY	8.03	Ordinary	12,414	12,414
16-Jan-18	The Vanguard Group, Inc.	BUY	8.07	Ordinary	2,451	2,451
18-Jan-18	The Vanguard Group, Inc.	BUY	8.11	Ordinary	16,552	16,552
18-Jan-18	The Vanguard Group, Inc.	BUY	8.11	Ordinary	76,077	76,077
19-Jan-18	The Vanguard Group, Inc.	BUY	8.12	Ordinary	12,560	12,560
19-Jan-18	The Vanguard Group, Inc.	BUY	8.12	Ordinary	33,812	33,812
23-Jan-18	The Vanguard Group, Inc.	BUY	8.16	Ordinary	50,718	50,718
24-Jan-18	The Vanguard Group, Inc.	BUY	8.13	Ordinary	6,450	6,450
24-Jan-18	The Vanguard Group, Inc.	BUY	8.13	Ordinary	12,560	12,560
24-Jan-18	The Vanguard Group, Inc.	BUY	8.13	Ordinary	16,906	16,906
24-Jan-18	The Vanguard Group, Inc.	SELL	8.20	Ordinary	(4,340)	(4,340)
26-Jan-18	The Vanguard Group, Inc.	BUY	8.18	Ordinary	12,414	12,414
26-Jan-18	The Vanguard Group, Inc.	BUY	8.18	Ordinary	10,048	10,048
26-Jan-18	The Vanguard Group, Inc.	BUY	8.18	Ordinary	67,624	67,624
29-Jan-18	The Vanguard Group, Inc.	BUY	7.98	Ordinary	6,450	6,450
29-Jan-18	The Vanguard Group, Inc.	BUY	8.01	Ordinary	26,357	26,357
29-Jan-18	The Vanguard Group, Inc.	BUY	8.10	Ordinary	4,366	4,366
29-Jan-18	The Vanguard Group, Inc.	BUY	8.01	Ordinary	1,179	1,179
29-Jan-18	The Vanguard Group, Inc.	BUY	8.10	Ordinary	6,072	6,072
30-Jan-18	The Vanguard Group, Inc.	BUY	7.83	Ordinary	14,483	14,483
30-Jan-18	The Vanguard Group, Inc.	BUY	7.83	Ordinary	10,048	10,048
30-Jan-18	The Vanguard Group, Inc.	BUY	7.92	Ordinary	917	917
31-Jan-18	The Vanguard Group, Inc.	BUY	8.10	Ordinary	4,900	4,900
1-Feb-18	The Vanguard Group, Inc.	BUY	8.02	Ordinary	5,805	5,805
1-Feb-18	The Vanguard Group, Inc.	BUY	8.02	Ordinary	18,621	18,621
1-Feb-18	The Vanguard Group, Inc.	BUY	8.09	Ordinary	4,043	4,043
2-Feb-18	The Vanguard Group, Inc.	BUY	7.92	Ordinary	68,240	68,240
5-Feb-18	The Vanguard Group, Inc.	SELL	7.67	Ordinary	(8,380)	(8,380)
5-Feb-18	The Vanguard Group, Inc.	SELL	7.67	Ordinary	(6,704)	(6,704)
5-Feb-18	The Vanguard Group, Inc.	BUY	7.67	Ordinary	9,675	9,675
5-Feb-18	The Vanguard Group, Inc.	BUY	7.67	Ordinary	12,560	12,560
5-Feb-18	The Vanguard Group, Inc.	BUY	7.67	Ordinary	34,120	34,120
6-Feb-18	The Vanguard Group, Inc.	BUY	7.98	Ordinary	50,240	50,240
7-Feb-18	The Vanguard Group, Inc.	SELL	7.72	Ordinary	(3,186)	(3,186)
8-Feb-18	The Vanguard Group, Inc.	SELL	7.58	Ordinary	(3,352)	(3,352)
8-Feb-18	The Vanguard Group, Inc.	BUY	7.71	Ordinary	214,694	214,694
8-Feb-18	The Vanguard Group, Inc.	BUY	7.71	Ordinary	44,835	44,835
8-Feb-18	The Vanguard Group, Inc.	SELL	7.58	Ordinary	(9,800)	(9,800)
8-Feb-18	The Vanguard Group, Inc.	SELL	7.76	Ordinary	(7,180)	(7,180)
9-Feb-18	The Vanguard Group, Inc.	BUY	7.80	Ordinary	15,072	15,072
9-Feb-18	The Vanguard Group, Inc.	BUY	7.80	Ordinary	25,120	25,120
9-Feb-18	The Vanguard Group, Inc.	BUY	7.75	Ordinary	1,326	1,326
12-Feb-18	The Vanguard Group, Inc.	BUY	7.71	Ordinary	17,584	17,584
13-Feb-18	The Vanguard Group, Inc.	BUY	7.86	Ordinary	11,964	11,964
13-Feb-18	The Vanguard Group, Inc.	BUY	7.86	Ordinary	19,940	19,940
13-Feb-18	The Vanguard Group, Inc.	BUY	7.86	Ordinary	10,048	10,048
13-Feb-18	The Vanguard Group, Inc.	SELL	7.68	Ordinary	(1,418)	(1,418)
13-Feb-18	The Vanguard Group, Inc.	BUY	7.82	Ordinary	5,832	5,832
13-Feb-18	The Vanguard Group, Inc.	BUY	7.68	Ordinary	1,250	1,250
13-Feb-18	The Vanguard Group, Inc.	BUY	7.82	Ordinary	2,689	2,689

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14-Feb-18	The Vanguard Group, Inc.	BUY	8.12	Ordinary	3,225	3,225
14-Feb-18	The Vanguard Group, Inc.	BUY	8.12	Ordinary	12,560	12,560
14-Feb-18	The Vanguard Group, Inc.	BUY	8.03	Ordinary	28,038	28,038
14-Feb-18	The Vanguard Group, Inc.	BUY	8.03	Ordinary	387	387
15-Feb-18	The Vanguard Group, Inc.	BUY	8.14	Ordinary	95,366	95,366
15-Feb-18	The Vanguard Group, Inc.	BUY	8.15	Ordinary	3,243	3,243
16-Feb-18	The Vanguard Group, Inc.	BUY	8.09	Ordinary	3,225	3,225
16-Feb-18	The Vanguard Group, Inc.	BUY	8.09	Ordinary	23,928	23,928
16-Feb-18	The Vanguard Group, Inc.	BUY	8.09	Ordinary	17,946	17,946
20-Feb-18	The Vanguard Group, Inc.	SELL	8.23	Ordinary	(16,760)	(16,760)
20-Feb-18	The Vanguard Group, Inc.	BUY	8.23	Ordinary	25,833	25,833
21-Feb-18	The Vanguard Group, Inc.	SELL	8.21	Ordinary	(8,380)	(8,380)
21-Feb-18	The Vanguard Group, Inc.	SELL	8.21	Ordinary	(6,704)	(6,704)
21-Feb-18	The Vanguard Group, Inc.	BUY	8.26	Ordinary	1,302	1,302
22-Feb-18	The Vanguard Group, Inc.	SELL	8.16	Ordinary	(51,852)	(51,852)
22-Feb-18	The Vanguard Group, Inc.	BUY	8.16	Ordinary	1,321	1,321
23-Feb-18	The Vanguard Group, Inc.	BUY	8.21	Ordinary	3,465	3,465
26-Feb-18	The Vanguard Group, Inc.	BUY	8.30	Ordinary	9,970	9,970
26-Feb-18	The Vanguard Group, Inc.	BUY	8.25	Ordinary	3,465	3,465
27-Feb-18	The Vanguard Group, Inc.	SELL	8.26	Ordinary	(16,760)	(16,760)
28-Feb-18	The Vanguard Group, Inc.	BUY	8.21	Ordinary	7,952	7,952
1-Mar-18	The Vanguard Group, Inc.	SELL	8.26	Ordinary	(18,436)	(18,436)
1-Mar-18	The Vanguard Group, Inc.	BUY	8.26	Ordinary	12,560	12,560
2-Mar-18	The Vanguard Group, Inc.	BUY	8.29	Ordinary	78,501	78,501
5-Mar-18	The Vanguard Group, Inc.	SELL	8.44	Ordinary	(77,499)	(77,499)
6-Mar-18	The Vanguard Group, Inc.	BUY	8.30	Ordinary	6,450	6,450
6-Mar-18	The Vanguard Group, Inc.	BUY	8.29	Ordinary	21,831	21,831
7-Mar-18	The Vanguard Group, Inc.	BUY	8.30	Ordinary	294,375	294,375
8-Mar-18	The Vanguard Group, Inc.	SELL	8.29	Ordinary	(1,176)	(1,176)
8-Mar-18	The Vanguard Group, Inc.	BUY	8.40	Ordinary	9,694	9,694
9-Mar-18	The Vanguard Group, Inc.	BUY	8.48	Ordinary	1,273	1,273
12-Mar-18	The Vanguard Group, Inc.	SELL	8.44	Ordinary	(8,380)	(8,380)
14-Mar-18	The Vanguard Group, Inc.	BUY	8.42	Ordinary	1,130	1,130
15-Mar-18	The Vanguard Group, Inc.	BUY	8.41	Ordinary	34,444	34,444
15-Mar-18	The Vanguard Group, Inc.	BUY	8.41	Ordinary	482	482
16-Mar-18	The Vanguard Group, Inc.	SELL	8.51	Ordinary	(11,732)	(11,732)
16-Mar-18	The Vanguard Group, Inc.	SELL	8.50	Ordinary	(311,391)	(311,391)
16-Mar-18	The Vanguard Group, Inc.	SELL	8.50	Ordinary	(195,448)	(195,448)
16-Mar-18	The Vanguard Group, Inc.	SELL	8.50	Ordinary	(32,527)	(32,527)
16-Mar-18	The Vanguard Group, Inc.	SELL	8.50	Ordinary	(1,360)	(1,360)
16-Mar-18	The Vanguard Group, Inc.	SELL	8.51	Ordinary	(5,743)	(5,743)
16-Mar-18	The Vanguard Group, Inc.	BUY	8.51	Ordinary	142	142
19-Mar-18	The Vanguard Group, Inc.	BUY	8.52	Ordinary	7,992	7,992
20-Mar-18	The Vanguard Group, Inc.	BUY	8.48	Ordinary	74,926	74,926
20-Mar-18	The Vanguard Group, Inc.	BUY	8.48	Ordinary	11,850	11,850
20-Mar-18	The Vanguard Group, Inc.	SELL	8.54	Ordinary	(606)	(606)
21-Mar-18	The Vanguard Group, Inc.	BUY	8.39	Ordinary	3,545	3,545
21-Mar-18	The Vanguard Group, Inc.	BUY	8.50	Ordinary	297	297
22-Mar-18	The Vanguard Group, Inc.	SELL	8.36	Ordinary	(885)	(885)
23-Mar-18	The Vanguard Group, Inc.	BUY	8.20	Ordinary	19,750	19,750
23-Mar-18	The Vanguard Group, Inc.	BUY	8.20	Ordinary	9,875	9,875
23-Mar-18	The Vanguard Group, Inc.	BUY	8.20	Ordinary	25,761	25,761
23-Mar-18	The Vanguard Group, Inc.	BUY	8.29	Ordinary	4,489	4,489
26-Mar-18	The Vanguard Group, Inc.	BUY	8.41	Ordinary	7,090	7,090
26-Mar-18	The Vanguard Group, Inc.	BUY	8.41	Ordinary	5,925	5,925
26-Mar-18	The Vanguard Group, Inc.	BUY	8.36	Ordinary	13,747	13,747
27-Mar-18	The Vanguard Group, Inc.	BUY	8.40	Ordinary	15,620	15,620
28-Mar-18	The Vanguard Group, Inc.	BUY	8.46	Ordinary	7,900	7,900
29-Mar-18	The Vanguard Group, Inc.	BUY	8.43	Ordinary	13,380	13,380
3-Apr-18	The Vanguard Group, Inc.	BUY	8.34	Ordinary	14,585	14,585
4-Apr-18	The Vanguard Group, Inc.	BUY	8.43	Ordinary	4,203	4,203
4-Apr-18	The Vanguard Group, Inc.	BUY	8.43	Ordinary	9,683	9,683
4-Apr-18	The Vanguard Group, Inc.	BUY	8.33	Ordinary	5,348	5,348
5-Apr-18	The Vanguard Group, Inc.	SELL	8.55	Ordinary	(5,064)	(5,064)
9-Apr-18	The Vanguard Group, Inc.	BUY	8.59	Ordinary	5,328	5,328
9-Apr-18	The Vanguard Group, Inc.	BUY	8.60	Ordinary	915	915
9-Apr-18	The Vanguard Group, Inc.	BUY	8.60	Ordinary	16,990	16,990
10-Apr-18	The Vanguard Group, Inc.	BUY	8.61	Ordinary	6,381	6,381
10-Apr-18	The Vanguard Group, Inc.	BUY	8.61	Ordinary	60,648	60,648

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10-Apr-18	The Vanguard Group, Inc.	BUY	8.61	Ordinary	1,351	1,351
11-Apr-18	The Vanguard Group, Inc.	BUY	8.56	Ordinary	8,508	8,508
11-Apr-18	The Vanguard Group, Inc.	BUY	8.57	Ordinary	227	227
12-Apr-18	The Vanguard Group, Inc.	BUY	8.51	Ordinary	25,992	25,992
16-Apr-18	The Vanguard Group, Inc.	BUY	8.60	Ordinary	60,648	60,648
18-Apr-18	The Vanguard Group, Inc.	BUY	8.71	Ordinary	7,090	7,090
19-Apr-18	The Vanguard Group, Inc.	BUY	8.73	Ordinary	24,041	24,041
19-Apr-18	The Vanguard Group, Inc.	BUY	8.78	Ordinary	27,225	27,225
20-Apr-18	The Vanguard Group, Inc.	BUY	8.72	Ordinary	64,266	64,266
26-Apr-18	The Vanguard Group, Inc.	BUY	8.92	Ordinary	7,090	7,090
26-Apr-18	The Vanguard Group, Inc.	BUY	8.92	Ordinary	31,600	31,600
26-Apr-18	The Vanguard Group, Inc.	BUY	8.84	Ordinary	25,720	25,720
27-Apr-18	The Vanguard Group, Inc.	BUY	8.98	Ordinary	7,799	7,799
27-Apr-18	The Vanguard Group, Inc.	SELL	8.90	Ordinary	(656)	(656)
27-Apr-18	The Vanguard Group, Inc.	BUY	8.96	Ordinary	1,870	1,870
1-May-18	The Vanguard Group, Inc.	SELL	9.11	Ordinary	(5,064)	(5,064)
1-May-18	The Vanguard Group, Inc.	BUY	9.13	Ordinary	94,657	94,657
2-May-18	The Vanguard Group, Inc.	BUY	9.21	Ordinary	34,956	34,956
2-May-18	The Vanguard Group, Inc.	BUY	9.21	Ordinary	61,173	61,173
4-May-18	The Vanguard Group, Inc.	BUY	9.06	Ordinary	288,129	288,129
7-May-18	The Vanguard Group, Inc.	BUY	9.15	Ordinary	11,850	11,850
9-May-18	The Vanguard Group, Inc.	BUY	9.20	Ordinary	29,625	29,625
9-May-18	The Vanguard Group, Inc.	BUY	9.15	Ordinary	255	255
14-May-18	The Vanguard Group, Inc.	BUY	8.98	Ordinary	3,411	3,411
15-May-18	The Vanguard Group, Inc.	BUY	8.99	Ordinary	23,700	23,700
16-May-18	The Vanguard Group, Inc.	BUY	9.00	Ordinary	17,316	17,316
18-May-18	The Vanguard Group, Inc.	BUY	8.95	Ordinary	41,133	41,133
21-May-18	The Vanguard Group, Inc.	BUY	8.96	Ordinary	47,334	47,334
22-May-18	The Vanguard Group, Inc.	BUY	9.07	Ordinary	13,471	13,471
22-May-18	The Vanguard Group, Inc.	BUY	9.07	Ordinary	13,825	13,825
23-May-18	The Vanguard Group, Inc.	BUY	9.30	Ordinary	1,400	1,400
23-May-18	The Vanguard Group, Inc.	BUY	9.30	Ordinary	16,531	16,531
24-May-18	The Vanguard Group, Inc.	SELL	9.37	Ordinary	(3,376)	(3,376)
25-May-18	The Vanguard Group, Inc.	BUY	9.29	Ordinary	5,925	5,925
29-May-18	The Vanguard Group, Inc.	BUY	9.29	Ordinary	1,344	1,344
30-May-18	The Vanguard Group, Inc.	BUY	9.27	Ordinary	71,609	71,609
30-May-18	The Vanguard Group, Inc.	SELL	9.28	Ordinary	(585)	(585)
30-May-18	The Vanguard Group, Inc.	SELL	9.28	Ordinary	(1,568)	(1,568)
30-May-18	The Vanguard Group, Inc.	BUY	9.30	Ordinary	109,634	109,634
30-May-18	The Vanguard Group, Inc.	SELL	9.28	Ordinary	(18,028)	(18,028)
31-May-18	The Vanguard Group, Inc.	SELL	9.31	Ordinary	(11,097)	(11,097)
31-May-18	The Vanguard Group, Inc.	SELL	9.31	Ordinary	(29,791)	(29,791)
31-May-18	The Vanguard Group, Inc.	SELL	9.31	Ordinary	(342,559)	(342,559)
31-May-18	The Vanguard Group, Inc.	BUY	9.34	Ordinary	5,606	5,606
1-Jun-18	The Vanguard Group, Inc.	BUY	9.28	Ordinary	73,696	73,696
1-Jun-18	The Vanguard Group, Inc.	BUY	9.39	Ordinary	9,875	9,875
4-Jun-18	The Vanguard Group, Inc.	BUY	9.45	Ordinary	39,941	39,941
4-Jun-18	The Vanguard Group, Inc.	BUY	9.68	Ordinary	51,069	51,069
5-Jun-18	The Vanguard Group, Inc.	BUY	9.50	Ordinary	26,640	26,640
6-Jun-18	The Vanguard Group, Inc.	BUY	9.48	Ordinary	29,420	29,420
7-Jun-18	The Vanguard Group, Inc.	SELL	9.44	Ordinary	(21,161)	(21,161)
14-Jun-18	The Vanguard Group, Inc.	BUY	9.47	Ordinary	184,098	184,098
15-Jun-18	The Vanguard Group, Inc.	BUY	9.57	Ordinary	9,985	9,985
15-Jun-18	The Vanguard Group, Inc.	BUY	9.57	Ordinary	55,601	55,601
18-Jun-18	The Vanguard Group, Inc.	BUY	9.76	Ordinary	25,932	25,932
18-Jun-18	The Vanguard Group, Inc.	BUY	9.76	Ordinary	129,660	129,660
20-Jun-18	The Vanguard Group, Inc.	BUY	9.84	Ordinary	36,699	36,699
26-Jun-18	The Vanguard Group, Inc.	BUY	9.87	Ordinary	103,426	103,426
27-Jun-18	The Vanguard Group, Inc.	BUY	9.79	Ordinary	70,128	70,128
27-Jun-18	The Vanguard Group, Inc.	BUY	9.71	Ordinary	11,292	11,292
27-Jun-18	The Vanguard Group, Inc.	SELL	9.74	Ordinary	(1,219)	(1,219)
29-Jun-18	The Vanguard Group, Inc.	BUY	9.62	Ordinary	89,948	89,948
3-Jul-18	The Vanguard Group, Inc.	BUY	9.67	Ordinary	2,765	2,765
3-Jul-18	The Vanguard Group, Inc.	BUY	9.67	Ordinary	8,469	8,469
3-Jul-18	The Vanguard Group, Inc.	SELL	9.61	Ordinary	(30,147)	(30,147)
4-Jul-18	The Vanguard Group, Inc.	BUY	9.63	Ordinary	128,538	128,538
4-Jul-18	The Vanguard Group, Inc.	BUY	9.62	Ordinary	11,518	11,518
5-Jul-18	The Vanguard Group, Inc.	BUY	9.60	Ordinary	246,379	246,379
6-Jul-18	The Vanguard Group, Inc.	BUY	9.71	Ordinary	6,636	6,636

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
6-Jul-18	The Vanguard Group, Inc.	BUY	9.68	Ordinary	9,386	9,386
9-Jul-18	The Vanguard Group, Inc.	BUY	9.70	Ordinary	26,277	26,277
11-Jul-18	The Vanguard Group, Inc.	BUY	9.59	Ordinary	1,670	1,670
12-Jul-18	The Vanguard Group, Inc.	SELL	9.77	Ordinary	(7,720)	(7,720)
12-Jul-18	The Vanguard Group, Inc.	SELL	9.58	Ordinary	(825)	(825)
12-Jul-18	The Vanguard Group, Inc.	SELL	9.75	Ordinary	(25,963)	(25,963)
13-Jul-18	The Vanguard Group, Inc.	BUY	9.82	Ordinary	178	178
18-Jul-18	The Vanguard Group, Inc.	SELL	9.76	Ordinary	(52,554)	(52,554)
20-Jul-18	The Vanguard Group, Inc.	BUY	9.63	Ordinary	5,530	5,530
20-Jul-18	The Vanguard Group, Inc.	BUY	9.65	Ordinary	11,436	11,436
23-Jul-18	The Vanguard Group, Inc.	SELL	9.64	Ordinary	(5,064)	(5,064)
24-Jul-18	The Vanguard Group, Inc.	SELL	9.66	Ordinary	(705)	(705)
25-Jul-18	The Vanguard Group, Inc.	SELL	9.71	Ordinary	(25,320)	(25,320)
25-Jul-18	The Vanguard Group, Inc.	SELL	9.71	Ordinary	(5,064)	(5,064)
25-Jul-18	The Vanguard Group, Inc.	SELL	9.71	Ordinary	(3,376)	(3,376)
25-Jul-18	The Vanguard Group, Inc.	SELL	9.68	Ordinary	(1,273)	(1,273)
26-Jul-18	The Vanguard Group, Inc.	BUY	9.68	Ordinary	686	686
27-Jul-18	The Vanguard Group, Inc.	BUY	9.64	Ordinary	24,031	24,031
27-Jul-18	The Vanguard Group, Inc.	SELL	9.69	Ordinary	(8,659)	(8,659)
30-Jul-18	The Vanguard Group, Inc.	SELL	9.71	Ordinary	(7,877)	(7,877)
31-Jul-18	The Vanguard Group, Inc.	SELL	9.65	Ordinary	(14,115)	(14,115)
1-Aug-18	The Vanguard Group, Inc.	SELL	9.70	Ordinary	(554)	(554)
2-Aug-18	The Vanguard Group, Inc.	SELL	9.76	Ordinary	(16,880)	(16,880)
3-Aug-18	The Vanguard Group, Inc.	SELL	9.87	Ordinary	(5,045)	(5,045)
3-Aug-18	The Vanguard Group, Inc.	BUY	9.87	Ordinary	1,401	1,401
8-Aug-18	The Vanguard Group, Inc.	BUY	9.97	Ordinary	115,826	115,826
8-Aug-18	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(540)	(540)
9-Aug-18	The Vanguard Group, Inc.	SELL	10.00	Ordinary	(25,407)	(25,407)
9-Aug-18	The Vanguard Group, Inc.	SELL	10.00	Ordinary	(61,803)	(61,803)
10-Aug-18	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(40,512)	(40,512)
10-Aug-18	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(14,115)	(14,115)
10-Aug-18	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(25,407)	(25,407)
14-Aug-18	The Vanguard Group, Inc.	BUY	9.96	Ordinary	69,474	69,474
14-Aug-18	The Vanguard Group, Inc.	SELL	10.00	Ordinary	(50,814)	(50,814)
14-Aug-18	The Vanguard Group, Inc.	BUY	9.95	Ordinary	5,942	5,942
14-Aug-18	The Vanguard Group, Inc.	BUY	9.95	Ordinary	3,962	3,962
15-Aug-18	The Vanguard Group, Inc.	SELL	10.10	Ordinary	(20,256)	(20,256)
15-Aug-18	The Vanguard Group, Inc.	BUY	10.01	Ordinary	44,619	44,619
16-Aug-18	The Vanguard Group, Inc.	BUY	10.07	Ordinary	124,930	124,930
17-Aug-18	The Vanguard Group, Inc.	BUY	10.60	Ordinary	3,871	3,871
20-Aug-18	The Vanguard Group, Inc.	BUY	10.59	Ordinary	133,542	133,542
21-Aug-18	The Vanguard Group, Inc.	BUY	10.32	Ordinary	11,292	11,292
21-Aug-18	The Vanguard Group, Inc.	BUY	10.33	Ordinary	2,928	2,928
23-Aug-18	The Vanguard Group, Inc.	BUY	10.48	Ordinary	12,980	12,980
24-Aug-18	The Vanguard Group, Inc.	BUY	10.36	Ordinary	6,083	6,083
24-Aug-18	The Vanguard Group, Inc.	SELL	10.35	Ordinary	(41,365)	(41,365)
24-Aug-18	The Vanguard Group, Inc.	BUY	10.35	Ordinary	41,365	41,365
27-Aug-18	The Vanguard Group, Inc.	BUY	10.50	Ordinary	14,115	14,115
5-Sep-18	The Vanguard Group, Inc.	BUY	10.60	Ordinary	296,158	296,158
5-Sep-18	The Vanguard Group, Inc.	SELL	10.57	Ordinary	(1,334)	(1,334)
6-Sep-18	The Vanguard Group, Inc.	BUY	10.53	Ordinary	65,627	65,627
7-Sep-18	The Vanguard Group, Inc.	BUY	10.50	Ordinary	22,984	22,984
7-Sep-18	The Vanguard Group, Inc.	BUY	10.50	Ordinary	7,720	7,720
7-Sep-18	The Vanguard Group, Inc.	BUY	10.50	Ordinary	8,469	8,469
7-Sep-18	The Vanguard Group, Inc.	BUY	10.50	Ordinary	28,230	28,230
10-Sep-18	The Vanguard Group, Inc.	BUY	10.49	Ordinary	3,163	3,163
11-Sep-18	The Vanguard Group, Inc.	BUY	10.60	Ordinary	70,632	70,632
12-Sep-18	The Vanguard Group, Inc.	BUY	10.63	Ordinary	11,580	11,580
12-Sep-18	The Vanguard Group, Inc.	BUY	10.63	Ordinary	28,230	28,230
12-Sep-18	The Vanguard Group, Inc.	SELL	10.54	Ordinary	(835)	(835)
12-Sep-18	The Vanguard Group, Inc.	SELL	10.63	Ordinary	(107,329)	(107,329)
13-Sep-18	The Vanguard Group, Inc.	BUY	10.63	Ordinary	6,865	6,865
17-Sep-18	The Vanguard Group, Inc.	BUY	10.78	Ordinary	13,357	13,357
18-Sep-18	The Vanguard Group, Inc.	BUY	10.76	Ordinary	1,424	1,424
20-Sep-18	The Vanguard Group, Inc.	BUY	10.32	Ordinary	3,269	3,269
21-Sep-18	The Vanguard Group, Inc.	SELL	10.26	Ordinary	(61,356)	(61,356)
21-Sep-18	The Vanguard Group, Inc.	BUY	10.26	Ordinary	36,363	36,363
21-Sep-18	The Vanguard Group, Inc.	SELL	10.26	Ordinary	(15,933)	(15,933)
21-Sep-18	The Vanguard Group, Inc.	SELL	10.26	Ordinary	(2,046)	(2,046)

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21-Sep-18	The Vanguard Group, Inc.	SELL	10.26	Ordinary	(2,266)	(2,266)
25-Sep-18	The Vanguard Group, Inc.	BUY	10.23	Ordinary	664	664
26-Sep-18	The Vanguard Group, Inc.	BUY	10.36	Ordinary	15,680	15,680
26-Sep-18	The Vanguard Group, Inc.	BUY	10.36	Ordinary	19,600	19,600
26-Sep-18	The Vanguard Group, Inc.	BUY	10.36	Ordinary	7,840	7,840
27-Sep-18	The Vanguard Group, Inc.	SELL	10.41	Ordinary	(26,268)	(26,268)
28-Sep-18	The Vanguard Group, Inc.	BUY	10.36	Ordinary	1,009	1,009
1-Oct-18	The Vanguard Group, Inc.	BUY	10.28	Ordinary	11,760	11,760
2-Oct-18	The Vanguard Group, Inc.	BUY	10.26	Ordinary	31,360	31,360
2-Oct-18	The Vanguard Group, Inc.	SELL	10.30	Ordinary	(624)	(624)
3-Oct-18	The Vanguard Group, Inc.	BUY	10.27	Ordinary	11,760	11,760
3-Oct-18	The Vanguard Group, Inc.	BUY	10.27	Ordinary	7,650	7,650
8-Oct-18	The Vanguard Group, Inc.	BUY	10.26	Ordinary	31,356	31,356
8-Oct-18	The Vanguard Group, Inc.	BUY	10.29	Ordinary	19,104	19,104
9-Oct-18	The Vanguard Group, Inc.	BUY	10.27	Ordinary	109,537	109,537
9-Oct-18	The Vanguard Group, Inc.	BUY	10.29	Ordinary	21,675	21,675
11-Oct-18	The Vanguard Group, Inc.	BUY	9.99	Ordinary	11,076	11,076
12-Oct-18	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(70,672)	(70,672)
15-Oct-18	The Vanguard Group, Inc.	BUY	9.93	Ordinary	18,460	18,460
16-Oct-18	The Vanguard Group, Inc.	SELL	9.93	Ordinary	(663)	(663)
17-Oct-18	The Vanguard Group, Inc.	BUY	10.20	Ordinary	14,055	14,055
18-Oct-18	The Vanguard Group, Inc.	BUY	10.19	Ordinary	48,152	48,152
19-Oct-18	The Vanguard Group, Inc.	BUY	10.32	Ordinary	11,076	11,076
19-Oct-18	The Vanguard Group, Inc.	BUY	10.32	Ordinary	134,583	134,583
19-Oct-18	The Vanguard Group, Inc.	BUY	10.32	Ordinary	11,760	11,760
22-Oct-18	The Vanguard Group, Inc.	BUY	10.41	Ordinary	816	816
23-Oct-18	The Vanguard Group, Inc.	SELL	10.40	Ordinary	(70,672)	(70,672)
23-Oct-18	The Vanguard Group, Inc.	SELL	10.40	Ordinary	(26,502)	(26,502)
23-Oct-18	The Vanguard Group, Inc.	BUY	10.38	Ordinary	10,121	10,121
24-Oct-18	The Vanguard Group, Inc.	SELL	10.36	Ordinary	(16,716)	(16,716)
25-Oct-18	The Vanguard Group, Inc.	BUY	10.36	Ordinary	80,834	80,834
25-Oct-18	The Vanguard Group, Inc.	BUY	10.39	Ordinary	9,800	9,800
26-Oct-18	The Vanguard Group, Inc.	BUY	10.34	Ordinary	86,582	86,582
26-Oct-18	The Vanguard Group, Inc.	BUY	10.30	Ordinary	83,606	83,606
26-Oct-18	The Vanguard Group, Inc.	BUY	10.30	Ordinary	926	926
26-Oct-18	The Vanguard Group, Inc.	BUY	10.34	Ordinary	1,793	1,793
26-Oct-18	The Vanguard Group, Inc.	BUY	10.34	Ordinary	4,071	4,071
26-Oct-18	The Vanguard Group, Inc.	BUY	10.30	Ordinary	21,154	21,154
29-Oct-18	The Vanguard Group, Inc.	SELL	10.38	Ordinary	(35,336)	(35,336)
29-Oct-18	The Vanguard Group, Inc.	SELL	10.38	Ordinary	(35,336)	(35,336)
30-Oct-18	The Vanguard Group, Inc.	BUY	10.51	Ordinary	25,928	25,928
31-Oct-18	The Vanguard Group, Inc.	BUY	10.49	Ordinary	67,772	67,772
31-Oct-18	The Vanguard Group, Inc.	BUY	10.38	Ordinary	13,720	13,720
31-Oct-18	The Vanguard Group, Inc.	SELL	10.38	Ordinary	(26,502)	(26,502)
31-Oct-18	The Vanguard Group, Inc.	SELL	10.38	Ordinary	(114,842)	(114,842)
1-Nov-18	The Vanguard Group, Inc.	BUY	10.24	Ordinary	19,600	19,600
1-Nov-18	The Vanguard Group, Inc.	SELL	10.21	Ordinary	(106,197)	(106,197)
2-Nov-18	The Vanguard Group, Inc.	BUY	10.16	Ordinary	128,863	128,863
2-Nov-18	The Vanguard Group, Inc.	BUY	10.16	Ordinary	36,816	36,816
2-Nov-18	The Vanguard Group, Inc.	SELL	10.16	Ordinary	(36,440)	(36,440)
5-Nov-18	The Vanguard Group, Inc.	SELL	9.99	Ordinary	(12,186)	(12,186)
7-Nov-18	The Vanguard Group, Inc.	BUY	10.22	Ordinary	15,680	15,680
9-Nov-18	The Vanguard Group, Inc.	BUY	10.34	Ordinary	2,063	2,063
9-Nov-18	The Vanguard Group, Inc.	SELL	10.45	Ordinary	(3,465)	(3,465)
9-Nov-18	The Vanguard Group, Inc.	BUY	10.45	Ordinary	1,330	1,330
12-Nov-18	The Vanguard Group, Inc.	BUY	10.44	Ordinary	11,760	11,760
12-Nov-18	The Vanguard Group, Inc.	BUY	10.44	Ordinary	57,312	57,312
13-Nov-18	The Vanguard Group, Inc.	BUY	10.50	Ordinary	3,614	3,614
13-Nov-18	The Vanguard Group, Inc.	BUY	10.52	Ordinary	6,659	6,659
14-Nov-18	The Vanguard Group, Inc.	BUY	10.39	Ordinary	15,680	15,680
14-Nov-18	The Vanguard Group, Inc.	BUY	10.39	Ordinary	11,760	11,760
14-Nov-18	The Vanguard Group, Inc.	BUY	10.39	Ordinary	21,492	21,492
14-Nov-18	The Vanguard Group, Inc.	BUY	10.42	Ordinary	150,228	150,228
15-Nov-18	The Vanguard Group, Inc.	BUY	10.37	Ordinary	8,640	8,640
21-Nov-18	The Vanguard Group, Inc.	BUY	10.61	Ordinary	15,680	15,680
23-Nov-18	The Vanguard Group, Inc.	BUY	10.70	Ordinary	206	206
27-Nov-18	The Vanguard Group, Inc.	BUY	10.70	Ordinary	2,054	2,054
28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	1,846	1,846
28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	11,076	11,076

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28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	9,800	9,800
28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	23,880	23,880
28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	11,940	11,940
28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	7,164	7,164
28-Nov-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	8,925	8,925
29-Nov-18	The Vanguard Group, Inc.	BUY	10.68	Ordinary	40,596	40,596
29-Nov-18	The Vanguard Group, Inc.	BUY	10.65	Ordinary	318	318
30-Nov-18	The Vanguard Group, Inc.	BUY	10.46	Ordinary	106,351	106,351
30-Nov-18	The Vanguard Group, Inc.	BUY	10.28	Ordinary	650	650
30-Nov-18	The Vanguard Group, Inc.	SELL	10.29	Ordinary	(23,452)	(23,452)
3-Dec-18	The Vanguard Group, Inc.	BUY	10.42	Ordinary	1,300	1,300
4-Dec-18	The Vanguard Group, Inc.	BUY	10.21	Ordinary	8,640	8,640
4-Dec-18	The Vanguard Group, Inc.	BUY	10.21	Ordinary	15,680	15,680
4-Dec-18	The Vanguard Group, Inc.	BUY	10.35	Ordinary	118,400	118,400
4-Dec-18	The Vanguard Group, Inc.	BUY	10.30	Ordinary	1,114	1,114
4-Dec-18	The Vanguard Group, Inc.	BUY	10.30	Ordinary	16,498	16,498
5-Dec-18	The Vanguard Group, Inc.	BUY	10.33	Ordinary	2,691	2,691
5-Dec-18	The Vanguard Group, Inc.	BUY	10.33	Ordinary	63,651	63,651
5-Dec-18	The Vanguard Group, Inc.	BUY	10.33	Ordinary	1,213	1,213
5-Dec-18	The Vanguard Group, Inc.	BUY	10.33	Ordinary	28,638	28,638
5-Dec-18	The Vanguard Group, Inc.	BUY	10.28	Ordinary	47,022	47,022
5-Dec-18	The Vanguard Group, Inc.	BUY	10.33	Ordinary	84,505	84,505
5-Dec-18	The Vanguard Group, Inc.	BUY	10.28	Ordinary	8,151	8,151
6-Dec-18	The Vanguard Group, Inc.	BUY	10.60	Ordinary	6,480	6,480
6-Dec-18	The Vanguard Group, Inc.	BUY	10.52	Ordinary	11,002	11,002
6-Dec-18	The Vanguard Group, Inc.	SELL	10.52	Ordinary	(1,477)	(1,477)
7-Dec-18	The Vanguard Group, Inc.	BUY	10.91	Ordinary	15,680	15,680
7-Dec-18	The Vanguard Group, Inc.	BUY	10.91	Ordinary	13,720	13,720
10-Dec-18	The Vanguard Group, Inc.	BUY	10.87	Ordinary	27,394	27,394
10-Dec-18	The Vanguard Group, Inc.	BUY	10.75	Ordinary	8,738	8,738
11-Dec-18	The Vanguard Group, Inc.	BUY	10.89	Ordinary	65,048	65,048
11-Dec-18	The Vanguard Group, Inc.	BUY	10.91	Ordinary	17,472	17,472
11-Dec-18	The Vanguard Group, Inc.	BUY	10.91	Ordinary	13,104	13,104
12-Dec-18	The Vanguard Group, Inc.	BUY	10.98	Ordinary	37,128	37,128
12-Dec-18	The Vanguard Group, Inc.	BUY	10.98	Ordinary	13,104	13,104
12-Dec-18	The Vanguard Group, Inc.	BUY	10.98	Ordinary	13,104	13,104
12-Dec-18	The Vanguard Group, Inc.	BUY	10.98	Ordinary	26,703	26,703
12-Dec-18	The Vanguard Group, Inc.	BUY	10.98	Ordinary	5,100	5,100
13-Dec-18	The Vanguard Group, Inc.	BUY	10.83	Ordinary	8,925	8,925
14-Dec-18	The Vanguard Group, Inc.	BUY	10.92	Ordinary	13,104	13,104
14-Dec-18	The Vanguard Group, Inc.	BUY	10.92	Ordinary	14,328	14,328
14-Dec-18	The Vanguard Group, Inc.	BUY	10.92	Ordinary	3,825	3,825
14-Dec-18	The Vanguard Group, Inc.	BUY	10.80	Ordinary	1,017	1,017
14-Dec-18	The Vanguard Group, Inc.	SELL	10.93	Ordinary	(1,356)	(1,356)
17-Dec-18	The Vanguard Group, Inc.	BUY	10.97	Ordinary	26,208	26,208
17-Dec-18	The Vanguard Group, Inc.	BUY	10.97	Ordinary	12,750	12,750
18-Dec-18	The Vanguard Group, Inc.	BUY	10.96	Ordinary	2,158	2,158
19-Dec-18	The Vanguard Group, Inc.	SELL	10.90	Ordinary	(53,406)	(53,406)
20-Dec-16	Vanguard Investments Australia Ltd.	BUY	7.06	Ordinary	26,855	26,855
20-Dec-16	Vanguard Investments Australia Ltd.	BUY	7.06	Ordinary	334,641	334,641
21-Dec-16	Vanguard Investments Australia Ltd.	BUY	7.05	Ordinary	42,402	42,402
21-Dec-16	Vanguard Investments Australia Ltd.	SELL	7.05	Ordinary	(34,280)	(34,280)
22-Dec-16	Vanguard Investments Australia Ltd.	SELL	7.10	Ordinary	(133,790)	(133,790)
29-Dec-16	Vanguard Investments Australia Ltd.	SELL	7.08	Ordinary	(13,385)	(13,385)
29-Dec-16	Vanguard Investments Australia Ltd.	BUY	7.07	Ordinary	397,253	397,253
29-Dec-16	Vanguard Investments Australia Ltd.	BUY	7.08	Ordinary	13,185	13,185
4-Jan-17	Vanguard Investments Australia Ltd.	BUY	7.11	Ordinary	2,510	2,510
6-Jan-17	Vanguard Investments Australia Ltd.	BUY	7.11	Ordinary	42,432	42,432
11-Jan-17	Vanguard Investments Australia Ltd.	BUY	7.09	Ordinary	63,648	63,648
19-Jan-17	Vanguard Investments Australia Ltd.	SELL	6.84	Ordinary	(5,537)	(5,537)
19-Jan-17	Vanguard Investments Australia Ltd.	BUY	6.84	Ordinary	42,452	42,452
23-Jan-17	Vanguard Investments Australia Ltd.	BUY	6.80	Ordinary	11,720	11,720
25-Jan-17	Vanguard Investments Australia Ltd.	BUY	6.85	Ordinary	42,452	42,452
27-Jan-17	Vanguard Investments Australia Ltd.	BUY	6.93	Ordinary	10,255	10,255
31-Jan-17	Vanguard Investments Australia Ltd.	SELL	6.92	Ordinary	(14,385)	(14,385)
31-Jan-17	Vanguard Investments Australia Ltd.	BUY	6.92	Ordinary	63,666	63,666
31-Jan-17	Vanguard Investments Australia Ltd.	BUY	6.92	Ordinary	10,255	10,255
1-Feb-17	Vanguard Investments Australia Ltd.	SELL	6.92	Ordinary	(768,531)	(768,531)
2-Feb-17	Vanguard Investments Australia Ltd.	SELL	6.86	Ordinary	(175,800)	(175,800)

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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-Feb-17	Vanguard Investments Australia Ltd.	BUY	6.93	Ordinary	35,890	35,890
7-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.05	Ordinary	42,444	42,444
8-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.09	Ordinary	201,155	201,155
9-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.25	Ordinary	(8,748)	(8,748)
9-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.24	Ordinary	1,351,261	1,351,261
9-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.25	Ordinary	13,185	13,185
13-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	276,317	276,317
13-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	42,878	42,878
17-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.36	Ordinary	(7,036)	(7,036)
17-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.36	Ordinary	85,772	85,772
20-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.40	Ordinary	(187,150)	(187,150)
20-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.43	Ordinary	42,886	42,886
21-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.43	Ordinary	(188,911)	(188,911)
22-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.50	Ordinary	(174,382)	(174,382)
23-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.58	Ordinary	2,418,857	2,418,857
23-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.58	Ordinary	(2,418,857)	(2,418,857)
24-Feb-17	Vanguard Investments Australia Ltd.	BUY	7.58	Ordinary	42,874	42,874
28-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.55	Ordinary	(2,579)	(2,579)
28-Feb-17	Vanguard Investments Australia Ltd.	SELL	7.55	Ordinary	(334,347)	(334,347)
1-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	3,975	3,975
1-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	25,760	25,760
2-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.56	Ordinary	197,970	197,970
3-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.61	Ordinary	42,874	42,874
6-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.64	Ordinary	7,855	7,855
7-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.59	Ordinary	64,311	64,311
10-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.42	Ordinary	(117,038)	(117,038)
15-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.51	Ordinary	42,896	42,896
15-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.51	Ordinary	11,424	11,424
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	55,396	55,396
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	7,070	7,070
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	39,350	39,350
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	3,313	3,313
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.75	Ordinary	(75,203)	(75,203)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	16,799	16,799
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	23,690	23,690
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	21,448	21,448
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.75	Ordinary	(213,221)	(213,221)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	69,150	69,150
21-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.50	Ordinary	(55,822)	(55,822)
22-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.61	Ordinary	(170,363)	(170,363)
23-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.72	Ordinary	42,368	42,368
23-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.72	Ordinary	13,995	13,995
24-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.72	Ordinary	188,846	188,846
24-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.72	Ordinary	(30,421)	(30,421)
24-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.72	Ordinary	(188,846)	(188,846)
27-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.69	Ordinary	6,711	6,711
27-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.69	Ordinary	(63,622)	(63,622)
28-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.70	Ordinary	312,051	312,051
29-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.78	Ordinary	37,120	37,120
31-Mar-17	Vanguard Investments Australia Ltd.	BUY	7.74	Ordinary	84,788	84,788
31-Mar-17	Vanguard Investments Australia Ltd.	SELL	7.76	Ordinary	(423,067)	(423,067)
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	69,936	69,936
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	10,776	10,776
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	11,859	11,859
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	16,327	16,327
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.91	Ordinary	1,890	1,890
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.91	Ordinary	5,960	5,960
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.91	Ordinary	24,240	24,240
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.91	Ordinary	41,928	41,928
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	7.91	Ordinary	7,900	7,900
6-Apr-17	Vanguard Investments Australia Ltd.	SELL	8.03	Ordinary	(623,621)	(623,621)
6-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.03	Ordinary	334,189	334,189
7-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.05	Ordinary	70,673	70,673
7-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.04	Ordinary	37,240	37,240
10-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	918,547	918,547
10-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.12	Ordinary	45,980	45,980
11-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.18	Ordinary	41,928	41,928
12-Apr-17	Vanguard Investments Australia Ltd.	SELL	8.31	Ordinary	(121,718)	(121,718)
13-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.31	Ordinary	36,730	36,730

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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-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	12,640	12,640
20-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	112,845	112,845
21-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.29	Ordinary	24,450	24,450
26-Apr-17	Vanguard Investments Australia Ltd.	SELL	8.10	Ordinary	(11,812)	(11,812)
27-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.16	Ordinary	14,220	14,220
28-Apr-17	Vanguard Investments Australia Ltd.	SELL	8.11	Ordinary	(3,292)	(3,292)
28-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.11	Ordinary	104,820	104,820
28-Apr-17	Vanguard Investments Australia Ltd.	BUY	8.11	Ordinary	6,320	6,320
1-May-17	Vanguard Investments Australia Ltd.	SELL	8.24	Ordinary	(19,184)	(19,184)
1-May-17	Vanguard Investments Australia Ltd.	SELL	8.24	Ordinary	(180,513)	(180,513)
2-May-17	Vanguard Investments Australia Ltd.	BUY	8.36	Ordinary	24,884	24,884
5-May-17	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	20,900	20,900
5-May-17	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	85,538	85,538
5-May-17	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	16,636	16,636
8-May-17	Vanguard Investments Australia Ltd.	BUY	8.22	Ordinary	52,366	52,366
9-May-17	Vanguard Investments Australia Ltd.	SELL	8.23	Ordinary	(7,854)	(7,854)
9-May-17	Vanguard Investments Australia Ltd.	SELL	8.23	Ordinary	(20,167)	(20,167)
9-May-17	Vanguard Investments Australia Ltd.	SELL	8.23	Ordinary	(41,603)	(41,603)
9-May-17	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	16,350	16,350
10-May-17	Vanguard Investments Australia Ltd.	BUY	8.27	Ordinary	41,800	41,800
11-May-17	Vanguard Investments Australia Ltd.	BUY	8.26	Ordinary	51,107	51,107
12-May-17	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	23,663	23,663
12-May-17	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	2,633	2,633
12-May-17	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	13,030	13,030
12-May-17	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	62,700	62,700
15-May-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	4,771	4,771
15-May-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	23,199	23,199
15-May-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	34,986	34,986
15-May-17	Vanguard Investments Australia Ltd.	SELL	8.20	Ordinary	(178,597)	(178,597)
15-May-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	11,445	11,445
16-May-17	Vanguard Investments Australia Ltd.	BUY	8.37	Ordinary	29,737	29,737
17-May-17	Vanguard Investments Australia Ltd.	BUY	8.31	Ordinary	41,760	41,760
17-May-17	Vanguard Investments Australia Ltd.	BUY	8.31	Ordinary	15,692	15,692
18-May-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	11,571	11,571
19-May-17	Vanguard Investments Australia Ltd.	BUY	8.37	Ordinary	3,921	3,921
19-May-17	Vanguard Investments Australia Ltd.	SELL	8.39	Ordinary	(18,122)	(18,122)
23-May-17	Vanguard Investments Australia Ltd.	SELL	8.47	Ordinary	(19,058)	(19,058)
23-May-17	Vanguard Investments Australia Ltd.	BUY	8.47	Ordinary	41,760	41,760
25-May-17	Vanguard Investments Australia Ltd.	SELL	8.55	Ordinary	(39,027)	(39,027)
25-May-17	Vanguard Investments Australia Ltd.	BUY	8.55	Ordinary	30,688	30,688
29-May-17	Vanguard Investments Australia Ltd.	SELL	8.59	Ordinary	(6,771)	(6,771)
29-May-17	Vanguard Investments Australia Ltd.	BUY	8.59	Ordinary	83,520	83,520
31-May-17	Vanguard Investments Australia Ltd.	SELL	8.50	Ordinary	(1,439)	(1,439)
1-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.55	Ordinary	230,664	230,664
1-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.56	Ordinary	33,556	33,556
2-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.62	Ordinary	41,722	41,722
6-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.51	Ordinary	(16,754)	(16,754)
6-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.51	Ordinary	16,530	16,530
7-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.45	Ordinary	(4,239)	(4,239)
8-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.38	Ordinary	(783,318)	(783,318)
8-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.38	Ordinary	24,795	24,795
9-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.34	Ordinary	(32,647)	(32,647)
9-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.33	Ordinary	30,998	30,998
14-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.57	Ordinary	33,661	33,661
15-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.59	Ordinary	104,545	104,545
15-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.59	Ordinary	77,735	77,735
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.66	Ordinary	3,194	3,194
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.66	Ordinary	34,451	34,451
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.66	Ordinary	41,818	41,818
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.66	Ordinary	23,142	23,142
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.66	Ordinary	25,772	25,772
20-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.52	Ordinary	(2,989)	(2,989)
20-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.52	Ordinary	(31,215)	(31,215)
20-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.52	Ordinary	10,056	10,056
21-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	41,828	41,828
22-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.34	Ordinary	(245,704)	(245,704)
22-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.34	Ordinary	16,760	16,760
27-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	62,466	62,466
27-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	14,841	14,841

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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
28-Jun-17	Vanguard Investments Australia Ltd.	SELL	8.22	Ordinary	(7,352)	(7,352)
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	1,519	1,519
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	28,452	28,452
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	2,516	2,516
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	1,948	1,948
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	21,745	21,745
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	10,196	10,196
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	16,001	16,001
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	126,996	126,996
30-Jun-17	Vanguard Investments Australia Ltd.	SELL	7.88	Ordinary	(452,337)	(452,337)
30-Jun-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	16,490	16,490
3-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.79	Ordinary	(334,881)	(334,881)
3-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.79	Ordinary	15,580	15,580
4-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.93	Ordinary	(146,387)	(146,387)
5-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.89	Ordinary	(169,269)	(169,269)
5-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.90	Ordinary	20,976	20,976
5-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.90	Ordinary	41,952	41,952
6-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.96	Ordinary	204,317	204,317
6-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.96	Ordinary	420,020	420,020
6-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.97	Ordinary	(488,715)	(488,715)
10-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.95	Ordinary	(173,725)	(173,725)
10-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.94	Ordinary	18,696	18,696
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.84	Ordinary	(170,954)	(170,954)
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.84	Ordinary	(184,811)	(184,811)
11-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.83	Ordinary	63,003	63,003
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.84	Ordinary	(175,180)	(175,180)
12-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.67	Ordinary	10,906	10,906
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.88	Ordinary	(345,151)	(345,151)
13-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.88	Ordinary	207,304	207,304
13-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.88	Ordinary	21,001	21,001
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.88	Ordinary	(380,256)	(380,256)
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.88	Ordinary	(140,296)	(140,296)
17-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.91	Ordinary	(343,658)	(343,658)
17-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.90	Ordinary	63,003	63,003
17-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.91	Ordinary	(301,812)	(301,812)
18-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.92	Ordinary	10,906	10,906
20-Jul-17	Vanguard Investments Australia Ltd.	SELL	8.01	Ordinary	(386,416)	(386,416)
20-Jul-17	Vanguard Investments Australia Ltd.	BUY	8.00	Ordinary	174,786	174,786
20-Jul-17	Vanguard Investments Australia Ltd.	BUY	8.00	Ordinary	63,003	63,003
20-Jul-17	Vanguard Investments Australia Ltd.	SELL	8.01	Ordinary	(285,128)	(285,128)
24-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	189,009	189,009
24-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	21,812	21,812
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.91	Ordinary	(346,003)	(346,003)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.87	Ordinary	(126,126)	(126,126)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.91	Ordinary	(273,706)	(273,706)
27-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.98	Ordinary	(277,861)	(277,861)
27-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.98	Ordinary	(52,636)	(52,636)
27-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.98	Ordinary	54,607	54,607
28-Jul-17	Vanguard Investments Australia Ltd.	SELL	7.92	Ordinary	(84,568)	(84,568)
31-Jul-17	Vanguard Investments Australia Ltd.	BUY	7.96	Ordinary	12,464	12,464
3-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.08	Ordinary	42,038	42,038
3-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.08	Ordinary	17,138	17,138
4-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.06	Ordinary	(399,361)	(399,361)
8-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.13	Ordinary	(181,984)	(181,984)
9-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	21,019	21,019
9-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	63,057	63,057
10-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.24	Ordinary	36,584	36,584
11-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	21,812	21,812
14-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	8,581	8,581
14-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	22,539	22,539
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	1,474	1,474
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	2,297	2,297
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	2,663	2,663
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	5,893	5,893
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	2,574	2,574
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	9,091	9,091
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.44	Ordinary	12,713	12,713
17-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.52	Ordinary	(226,326)	(226,326)
22-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.53	Ordinary	(694)	(694)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
22-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.53	Ordinary	(231,797)	(231,797)
22-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.53	Ordinary	36,465	36,465
22-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.53	Ordinary	40,142	40,142
23-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.30	Ordinary	10,906	10,906
23-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.30	Ordinary	12,464	12,464
25-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.24	Ordinary	(4,485)	(4,485)
25-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.24	Ordinary	63,510	63,510
28-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.20	Ordinary	(233,280)	(233,280)
28-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	139,242	139,242
29-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.14	Ordinary	(226,127)	(226,127)
29-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.15	Ordinary	68,998	68,998
30-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.25	Ordinary	(227,611)	(227,611)
30-Aug-17	Vanguard Investments Australia Ltd.	SELL	8.25	Ordinary	(4,434)	(4,434)
30-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	412,360	412,360
30-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	36,882	36,882
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.29	Ordinary	1,466	1,466
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.29	Ordinary	13,611	13,611
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.29	Ordinary	13,016	13,016
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	8.30	Ordinary	38,248	38,248
1-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.27	Ordinary	63,510	63,510
5-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	189,212	189,212
5-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	51,555	51,555
8-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.15	Ordinary	17,897	17,897
11-Sep-17	Vanguard Investments Australia Ltd.	SELL	8.26	Ordinary	(8,019)	(8,019)
14-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.28	Ordinary	21,250	21,250
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	45,903	45,903
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	35,141	35,141
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	1,861	1,861
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.34	Ordinary	63,750	63,750
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	230,778	230,778
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	35,809	35,809
19-Sep-17	Vanguard Investments Australia Ltd.	SELL	8.19	Ordinary	(10,656)	(10,656)
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.01	Ordinary	106,340	106,340
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.01	Ordinary	23,142	23,142
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.01	Ordinary	29,020	29,020
22-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.05	Ordinary	14,389	14,389
26-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.12	Ordinary	56,202	56,202
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	2,921	2,921
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	72,012	72,012
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	7,591	7,591
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	5,739	5,739
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	8,993	8,993
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	27,309	27,309
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	6,287	6,287
27-Sep-17	Vanguard Investments Australia Ltd.	SELL	8.13	Ordinary	(8,499)	(8,499)
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	19,724	19,724
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	42,134	42,134
28-Sep-17	Vanguard Investments Australia Ltd.	BUY	8.28	Ordinary	251,256	251,256
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	8.24	Ordinary	(7,328)	(7,328)
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	8.24	Ordinary	(116,005)	(116,005)
3-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.27	Ordinary	(44,690)	(44,690)
3-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.27	Ordinary	63,477	63,477
4-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	15,740	15,740
6-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	74,239	74,239
9-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.31	Ordinary	(236,274)	(236,274)
9-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.31	Ordinary	41,600	41,600
9-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.31	Ordinary	(41,600)	(41,600)
11-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.34	Ordinary	(218,298)	(218,298)
12-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.37	Ordinary	42,318	42,318
16-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.33	Ordinary	(426)	(426)
16-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.34	Ordinary	(228,451)	(228,451)
16-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.33	Ordinary	(7,415)	(7,415)
18-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.34	Ordinary	(164,872)	(164,872)
18-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.34	Ordinary	59,262	59,262
25-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.32	Ordinary	(539,344)	(539,344)
25-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.32	Ordinary	(3,591)	(3,591)
27-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	63,552	63,552
27-Oct-17	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	9,576	9,576
31-Oct-17	Vanguard Investments Australia Ltd.	SELL	8.36	Ordinary	(3,487)	(3,487)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.38	Ordinary	25,114	25,114
1-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.38	Ordinary	22,100	22,100
3-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.44	Ordinary	(6,542)	(6,542)
6-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.42	Ordinary	63,552	63,552
7-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.55	Ordinary	15,174	15,174
7-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.55	Ordinary	15,850	15,850
8-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.50	Ordinary	(13,308)	(13,308)
10-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.70	Ordinary	(5,885)	(5,885)
13-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.73	Ordinary	20,172	20,172
14-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.65	Ordinary	(2,682)	(2,682)
14-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.65	Ordinary	(1,891)	(1,891)
15-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.64	Ordinary	42,330	42,330
16-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.65	Ordinary	(19,555)	(19,555)
16-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.65	Ordinary	14,364	14,364
22-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.67	Ordinary	84,660	84,660
22-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.67	Ordinary	15,960	15,960
24-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.71	Ordinary	(8,642)	(8,642)
24-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.71	Ordinary	17,890	17,890
24-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.71	Ordinary	(12,998)	(12,998)
24-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.71	Ordinary	20,748	20,748
27-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.70	Ordinary	24,239	24,239
29-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.79	Ordinary	7,239	7,239
29-Nov-17	Vanguard Investments Australia Ltd.	SELL	8.71	Ordinary	(84,660)	(84,660)
30-Nov-17	Vanguard Investments Australia Ltd.	BUY	8.69	Ordinary	1,495	1,495
1-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.68	Ordinary	(3,784)	(3,784)
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.60	Ordinary	(17,866)	(17,866)
4-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.60	Ordinary	17,866	17,866
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.60	Ordinary	(255,470)	(255,470)
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.60	Ordinary	(40,708)	(40,708)
5-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.56	Ordinary	63,495	63,495
5-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.56	Ordinary	42,330	42,330
5-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.56	Ordinary	(144,935)	(144,935)
5-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.56	Ordinary	(35,112)	(35,112)
6-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.54	Ordinary	403,958	403,958
6-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.53	Ordinary	33,563	33,563
11-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.65	Ordinary	(19,007)	(19,007)
11-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.65	Ordinary	(119,017)	(119,017)
12-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.81	Ordinary	(25,835)	(25,835)
14-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.79	Ordinary	7,475	7,475
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	53,197	53,197
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	3,920	3,920
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	15,519	15,519
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	15,262	15,262
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	374,163	374,163
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	113,391	113,391
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.82	Ordinary	1,195	1,195
18-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.87	Ordinary	(2,210)	(2,210)
18-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.87	Ordinary	(18,259)	(18,259)
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.86	Ordinary	6,212	6,212
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.86	Ordinary	212,780	212,780
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.86	Ordinary	42,556	42,556
20-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.78	Ordinary	(69,467)	(69,467)
20-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.78	Ordinary	13,095	13,095
21-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.66	Ordinary	3,003	3,003
27-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.57	Ordinary	212,780	212,780
28-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.53	Ordinary	460,894	460,894
28-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.56	Ordinary	(431,940)	(431,940)
28-Dec-17	Vanguard Investments Australia Ltd.	BUY	8.53	Ordinary	13,005	13,005
29-Dec-17	Vanguard Investments Australia Ltd.	SELL	8.42	Ordinary	(14,107)	(14,107)
4-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.47	Ordinary	102,628	102,628
8-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.39	Ordinary	43,104	43,104
10-Jan-18	Vanguard Investments Australia Ltd.	SELL	8.19	Ordinary	(17,758)	(17,758)
11-Jan-18	Vanguard Investments Australia Ltd.	SELL	8.13	Ordinary	(6,688)	(6,688)
16-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.07	Ordinary	43,104	43,104
16-Jan-18	Vanguard Investments Australia Ltd.	SELL	8.08	Ordinary	(546,986)	(546,986)
16-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.07	Ordinary	13,660	13,660
18-Jan-18	Vanguard Investments Australia Ltd.	SELL	8.12	Ordinary	(7,987)	(7,987)
23-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.14	Ordinary	28,426	28,426
24-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.14	Ordinary	9,562	9,562

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
25-Jan-18	Vanguard Investments Australia Ltd.	SELL	8.13	Ordinary	(54,613)	(54,613)
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	15,833	15,833
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	43,104	43,104
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	15,274	15,274
29-Jan-18	Vanguard Investments Australia Ltd.	BUY	8.01	Ordinary	8,196	8,196
30-Jan-18	Vanguard Investments Australia Ltd.	BUY	7.85	Ordinary	16,193	16,193
31-Jan-18	Vanguard Investments Australia Ltd.	SELL	8.09	Ordinary	(13,252)	(13,252)
1-Feb-18	Vanguard Investments Australia Ltd.	SELL	8.06	Ordinary	(103,816)	(103,816)
2-Feb-18	Vanguard Investments Australia Ltd.	BUY	7.99	Ordinary	43,104	43,104
6-Feb-18	Vanguard Investments Australia Ltd.	BUY	7.78	Ordinary	8,196	8,196
8-Feb-18	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	32,563	32,563
9-Feb-18	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	16,392	16,392
12-Feb-18	Vanguard Investments Australia Ltd.	BUY	7.68	Ordinary	14,978	14,978
13-Feb-18	Vanguard Investments Australia Ltd.	BUY	7.82	Ordinary	40,512	40,512
13-Feb-18	Vanguard Investments Australia Ltd.	SELL	7.82	Ordinary	(130,374)	(130,374)
14-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.03	Ordinary	8,407	8,407
15-Feb-18	Vanguard Investments Australia Ltd.	SELL	8.15	Ordinary	(6,736)	(6,736)
16-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	14,816	14,816
20-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.27	Ordinary	19,164	19,164
23-Feb-18	Vanguard Investments Australia Ltd.	SELL	8.21	Ordinary	(22,808)	(22,808)
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	48,787	48,787
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	43,458	43,458
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	430,558	430,558
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	27,653	27,653
27-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.36	Ordinary	206,481	206,481
28-Feb-18	Vanguard Investments Australia Ltd.	BUY	8.22	Ordinary	3,833	3,833
1-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.30	Ordinary	14,373	14,373
5-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.36	Ordinary	(7,113)	(7,113)
6-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.29	Ordinary	(11,937)	(11,937)
13-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.48	Ordinary	8,685	8,685
16-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.51	Ordinary	3,030	3,030
16-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.51	Ordinary	79,472	79,472
21-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.39	Ordinary	(305,060)	(305,060)
21-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.39	Ordinary	10,290	10,290
22-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.36	Ordinary	(18,746)	(18,746)
22-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.36	Ordinary	(15,367)	(15,367)
26-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.36	Ordinary	(170,794)	(170,794)
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	2,269	2,269
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	29,990	29,990
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	5,556	5,556
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	7,673	7,673
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	3,208	3,208
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	14,067	14,067
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.41	Ordinary	46,088	46,088
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.40	Ordinary	18,865	18,865
29-Mar-18	Vanguard Investments Australia Ltd.	SELL	8.44	Ordinary	(522,990)	(522,990)
29-Mar-18	Vanguard Investments Australia Ltd.	BUY	8.43	Ordinary	20,172	20,172
3-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	25,347	25,347
5-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.57	Ordinary	14,808	14,808
5-Apr-18	Vanguard Investments Australia Ltd.	SELL	8.54	Ordinary	(13,682)	(13,682)
5-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.54	Ordinary	20,520	20,520
6-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.55	Ordinary	13,793	13,793
10-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.61	Ordinary	14,670	14,670
10-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.61	Ordinary	63,522	63,522
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.49	Ordinary	14,819	14,819
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.49	Ordinary	15,469	15,469
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.49	Ordinary	24,788	24,788
13-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.55	Ordinary	30,509	30,509
17-Apr-18	Vanguard Investments Australia Ltd.	SELL	8.65	Ordinary	(21,961)	(21,961)
19-Apr-18	Vanguard Investments Australia Ltd.	SELL	8.73	Ordinary	(5,832)	(5,832)
19-Apr-18	Vanguard Investments Australia Ltd.	SELL	8.73	Ordinary	(10,592)	(10,592)
19-Apr-18	Vanguard Investments Australia Ltd.	SELL	8.73	Ordinary	(74,339)	(74,339)
19-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.73	Ordinary	20,520	20,520
24-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.88	Ordinary	14,673	14,673
27-Apr-18	Vanguard Investments Australia Ltd.	BUY	8.96	Ordinary	13,617	13,617
2-May-18	Vanguard Investments Australia Ltd.	SELL	9.21	Ordinary	(13,223)	(13,223)
4-May-18	Vanguard Investments Australia Ltd.	BUY	9.05	Ordinary	9,942	9,942
8-May-18	Vanguard Investments Australia Ltd.	BUY	9.12	Ordinary	14,206	14,206
9-May-18	Vanguard Investments Australia Ltd.	SELL	9.18	Ordinary	(40,689)	(40,689)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-May-18	Vanguard Investments Australia Ltd.	SELL	9.12	Ordinary	(39,577)	(39,577)
11-May-18	Vanguard Investments Australia Ltd.	SELL	9.08	Ordinary	(11,290)	(11,290)
17-May-18	Vanguard Investments Australia Ltd.	SELL	8.87	Ordinary	(10,549)	(10,549)
17-May-18	Vanguard Investments Australia Ltd.	SELL	8.87	Ordinary	(101,769)	(101,769)
17-May-18	Vanguard Investments Australia Ltd.	BUY	8.88	Ordinary	13,259	13,259
18-May-18	Vanguard Investments Australia Ltd.	BUY	9.00	Ordinary	11,599	11,599
21-May-18	Vanguard Investments Australia Ltd.	SELL	8.98	Ordinary	(74,893)	(74,893)
22-May-18	Vanguard Investments Australia Ltd.	SELL	9.08	Ordinary	(3,700)	(3,700)
22-May-18	Vanguard Investments Australia Ltd.	BUY	9.08	Ordinary	21,469	21,469
22-May-18	Vanguard Investments Australia Ltd.	BUY	9.08	Ordinary	13,256	13,256
23-May-18	Vanguard Investments Australia Ltd.	SELL	9.30	Ordinary	(10,291)	(10,291)
28-May-18	Vanguard Investments Australia Ltd.	SELL	9.35	Ordinary	(6,907)	(6,907)
29-May-18	Vanguard Investments Australia Ltd.	SELL	9.29	Ordinary	(13,131)	(13,131)
29-May-18	Vanguard Investments Australia Ltd.	BUY	9.29	Ordinary	21,494	21,494
29-May-18	Vanguard Investments Australia Ltd.	BUY	9.29	Ordinary	35,437	35,437
31-May-18	Vanguard Investments Australia Ltd.	SELL	9.31	Ordinary	(25,708)	(25,708)
31-May-18	Vanguard Investments Australia Ltd.	BUY	9.34	Ordinary	11,956	11,956
1-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.37	Ordinary	36,549	36,549
1-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.37	Ordinary	21,618	21,618
4-Jun-18	Vanguard Investments Australia Ltd.	SELL	9.68	Ordinary	(6,841)	(6,841)
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.63	Ordinary	136,113	136,113
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.63	Ordinary	1,060,442	1,060,442
6-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.48	Ordinary	86,092	86,092
8-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.42	Ordinary	11,956	11,956
14-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.49	Ordinary	17,080	17,080
15-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.57	Ordinary	70,793	70,793
15-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.57	Ordinary	8,454	8,454
15-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.57	Ordinary	69,715	69,715
15-Jun-18	Vanguard Investments Australia Ltd.	SELL	9.56	Ordinary	(306,768)	(306,768)
15-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.57	Ordinary	42,905	42,905
21-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.95	Ordinary	29,880	29,880
22-Jun-18	Vanguard Investments Australia Ltd.	SELL	9.85	Ordinary	(4,589)	(4,589)
28-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.62	Ordinary	688,133	688,133
29-Jun-18	Vanguard Investments Australia Ltd.	BUY	9.62	Ordinary	43,764	43,764
29-Jun-18	Vanguard Investments Australia Ltd.	SELL	9.62	Ordinary	(89,075)	(89,075)
2-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.65	Ordinary	(4,109)	(4,109)
3-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	51,121	51,121
5-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.60	Ordinary	(4,519)	(4,519)
5-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	4,171	4,171
5-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.60	Ordinary	(3,913)	(3,913)
5-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	21,742	21,742
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.61	Ordinary	26,862	26,862
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.61	Ordinary	22,228	22,228
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	43,484	43,484
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	15,147	15,147
9-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.69	Ordinary	(11,705)	(11,705)
12-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.75	Ordinary	(3,624)	(3,624)
12-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.75	Ordinary	(216,143)	(216,143)
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.77	Ordinary	43,412	43,412
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.77	Ordinary	10,098	10,098
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.77	Ordinary	20,896	20,896
17-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.73	Ordinary	16,443	16,443
18-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.76	Ordinary	(16,158)	(16,158)
18-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.76	Ordinary	(7,776)	(7,776)
18-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.76	Ordinary	43,412	43,412
19-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.63	Ordinary	21,602	21,602
20-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.65	Ordinary	(5,362)	(5,362)
20-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.65	Ordinary	18,194	18,194
24-Jul-18	Vanguard Investments Australia Ltd.	SELL	9.70	Ordinary	(3,682)	(3,682)
26-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.55	Ordinary	43,412	43,412
27-Jul-18	Vanguard Investments Australia Ltd.	BUY	9.70	Ordinary	23,460	23,460
2-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.73	Ordinary	15,228	15,228
3-Aug-18	Vanguard Investments Australia Ltd.	SELL	9.87	Ordinary	(13,538)	(13,538)
3-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.87	Ordinary	86,824	86,824
3-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.87	Ordinary	23,959	23,959
7-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.00	Ordinary	31,767	31,767
9-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.00	Ordinary	(4,328)	(4,328)
9-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.00	Ordinary	43,412	43,412
10-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.91	Ordinary	65,012	65,012

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.88	Ordinary	9,298	9,298
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.79	Ordinary	531	531
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.88	Ordinary	305,304	305,304
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.79	Ordinary	11,345	11,345
14-Aug-18	Vanguard Investments Australia Ltd.	BUY	9.98	Ordinary	305,426	305,426
15-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.10	Ordinary	(4,163)	(4,163)
15-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.10	Ordinary	43,854	43,854
15-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.10	Ordinary	10,152	10,152
15-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.10	Ordinary	20,401	20,401
16-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.05	Ordinary	(5,308)	(5,308)
17-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.58	Ordinary	(5,098)	(5,098)
20-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.57	Ordinary	(39,323)	(39,323)
21-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.33	Ordinary	(2,839)	(2,839)
21-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.33	Ordinary	16,860	16,860
23-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.34	Ordinary	43,780	43,780
27-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.49	Ordinary	24,316	24,316
29-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.60	Ordinary	46,629	46,629
29-Aug-18	Vanguard Investments Australia Ltd.	BUY	10.60	Ordinary	282,074	282,074
31-Aug-18	Vanguard Investments Australia Ltd.	SELL	10.69	Ordinary	(1,656)	(1,656)
4-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.61	Ordinary	43,780	43,780
4-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.61	Ordinary	18,381	18,381
4-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.61	Ordinary	34,676	34,676
6-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.51	Ordinary	35,705	35,705
7-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.51	Ordinary	35,848	35,848
10-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.49	Ordinary	87,576	87,576
10-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.49	Ordinary	43,788	43,788
10-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.49	Ordinary	16,870	16,870
11-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.58	Ordinary	(16,561)	(16,561)
13-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.63	Ordinary	(5,446)	(5,446)
17-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.78	Ordinary	18,392	18,392
19-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.55	Ordinary	43,784	43,784
20-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.32	Ordinary	(5,453)	(5,453)
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.26	Ordinary	26,135	26,135
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.27	Ordinary	4,201	4,201
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.26	Ordinary	16,530	16,530
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.27	Ordinary	113,405	113,405
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.26	Ordinary	29,760	29,760
25-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.30	Ordinary	(3,419)	(3,419)
26-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.39	Ordinary	(3,917)	(3,917)
26-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.39	Ordinary	43,840	43,840
26-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.39	Ordinary	10,122	10,122
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	2,086	2,086
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	27,394	27,394
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	6,514	6,514
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	7,505	7,505
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	9,053	9,053
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	32,957	32,957
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	3,354	3,354
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	13,869	13,869
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	24,298	24,298
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	129,899	129,899
28-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.36	Ordinary	(2,210)	(2,210)
28-Sep-18	Vanguard Investments Australia Ltd.	SELL	10.36	Ordinary	(208,278)	(208,278)
1-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.30	Ordinary	15,021	15,021
2-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.26	Ordinary	(1,936)	(1,936)
3-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.29	Ordinary	87,396	87,396
4-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.20	Ordinary	43,666	43,666
4-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.20	Ordinary	(42,807)	(42,807)
5-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.22	Ordinary	(5,328)	(5,328)
8-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.28	Ordinary	15,057	15,057
10-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.24	Ordinary	(10,934)	(10,934)
10-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.24	Ordinary	(10,077)	(10,077)
10-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.24	Ordinary	(199,982)	(199,982)
11-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.08	Ordinary	(4,784)	(4,784)
11-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.08	Ordinary	20,412	20,412
15-Oct-18	Vanguard Investments Australia Ltd.	BUY	9.94	Ordinary	65,274	65,274
16-Oct-18	Vanguard Investments Australia Ltd.	SELL	9.94	Ordinary	(12,572)	(12,572)
16-Oct-18	Vanguard Investments Australia Ltd.	SELL	9.94	Ordinary	(2,858)	(2,858)
17-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.20	Ordinary	28,390	28,390

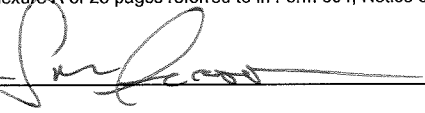
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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
17-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.20	Ordinary	60,953	60,953
18-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.31	Ordinary	(1,961)	(1,961)
22-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.41	Ordinary	(5,766)	(5,766)
24-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.44	Ordinary	(6,106)	(6,106)
24-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.44	Ordinary	19,680	19,680
25-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.32	Ordinary	32,362	32,362
25-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.32	Ordinary	(11,702)	(11,702)
25-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.32	Ordinary	43,486	43,486
25-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.32	Ordinary	22,960	22,960
26-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.30	Ordinary	46,601	46,601
29-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.43	Ordinary	(6,478)	(6,478)
29-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.43	Ordinary	20,452	20,452
31-Oct-18	Vanguard Investments Australia Ltd.	SELL	10.38	Ordinary	(108,715)	(108,715)
31-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.38	Ordinary	26,048	26,048
31-Oct-18	Vanguard Investments Australia Ltd.	BUY	10.38	Ordinary	4,884	4,884
1-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.21	Ordinary	14,027	14,027
1-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.21	Ordinary	(43,275)	(43,275)
1-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.21	Ordinary	3,228	3,228
2-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.16	Ordinary	43,486	43,486
2-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.16	Ordinary	65,229	65,229
2-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.16	Ordinary	20,982	20,982
5-Nov-18	Vanguard Investments Australia Ltd.	SELL	9.99	Ordinary	(6,391)	(6,391)
5-Nov-18	Vanguard Investments Australia Ltd.	BUY	9.99	Ordinary	13,394	13,394
6-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.08	Ordinary	12,547	12,547
9-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.45	Ordinary	43,474	43,474
12-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.50	Ordinary	(19,847)	(19,847)
12-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.50	Ordinary	(7,785)	(7,785)
12-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.50	Ordinary	21,372	21,372
14-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.42	Ordinary	(180,454)	(180,454)
14-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.42	Ordinary	(262,468)	(262,468)
15-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.33	Ordinary	(19,038)	(19,038)
15-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.33	Ordinary	(5,985)	(5,985)
16-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.28	Ordinary	34,029	34,029
19-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.33	Ordinary	201,873	201,873
19-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.33	Ordinary	(52,934)	(52,934)
20-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.47	Ordinary	(4,732)	(4,732)
20-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.47	Ordinary	(60,733)	(60,733)
21-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.63	Ordinary	23,808	23,808
22-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.61	Ordinary	22,792	22,792
23-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.70	Ordinary	(60,708)	(60,708)
23-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.71	Ordinary	25,953	25,953
26-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.81	Ordinary	(4,154)	(4,154)
27-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.70	Ordinary	(8,266)	(8,266)
29-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.68	Ordinary	(5,068)	(5,068)
29-Nov-18	Vanguard Investments Australia Ltd.	SELL	10.68	Ordinary	(122,536)	(122,536)
29-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.68	Ordinary	17,908	17,908
30-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.29	Ordinary	123,957	123,957
30-Nov-18	Vanguard Investments Australia Ltd.	BUY	10.25	Ordinary	43,324	43,324
3-Dec-18	Vanguard Investments Australia Ltd.	SELL	10.43	Ordinary	(2,819)	(2,819)
3-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.43	Ordinary	21,164	21,164
3-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.43	Ordinary	46,657	46,657
4-Dec-18	Vanguard Investments Australia Ltd.	SELL	10.30	Ordinary	(249,372)	(249,372)
4-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.30	Ordinary	265,569	265,569
5-Dec-18	Vanguard Investments Australia Ltd.	SELL	10.27	Ordinary	(1,123,994)	(1,123,994)
6-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.49	Ordinary	59,409	59,409
6-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.49	Ordinary	1,253,659	1,253,659
6-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.52	Ordinary	44,294	44,294
7-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.96	Ordinary	28,652	28,652
10-Dec-18	Vanguard Investments Australia Ltd.	SELL	10.75	Ordinary	(5,702)	(5,702)
11-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.94	Ordinary	32,380	32,380
11-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.94	Ordinary	19,428	19,428
12-Dec-18	Vanguard Investments Australia Ltd.	BUY	11.05	Ordinary	1,143,027	1,143,027
12-Dec-18	Vanguard Investments Australia Ltd.	SELL	11.05	Ordinary	(4,273)	(4,273)
14-Dec-18	Vanguard Investments Australia Ltd.	SELL	10.93	Ordinary	(9,714)	(9,714)
17-Dec-18	Vanguard Investments Australia Ltd.	SELL	11.09	Ordinary	(3,936)	(3,936)
18-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.89	Ordinary	66,474	66,474
19-Dec-18	Vanguard Investments Australia Ltd.	BUY	10.92	Ordinary	355,712	355,712
20-Dec-18	Vanguard Investments Australia Ltd.	BUY	11.07	Ordinary	1,619	1,619
20-Dec-18	Vanguard Investments Australia Ltd.	BUY	11.15	Ordinary	426,855	426,855

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
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This is Annexure A of 23 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature 

Date

21-Dec-2018