

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 16 December 2016

The previous notice was given to the company on 02 October 2015

The previous notice was dated 02 October 2015

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)	88,408,319	4.995%	101,864,419	5.694%
Ordinary (The Vanguard Group Inc.)	36,438,159	2.059%	42,896,379	2.398%
Total	124,846,478	7.053%	144,760,798	8.091%

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 – 101,864,419	101,864,419
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 – 20,784,050	20,784,050
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 – 21,562,558	21,562,558
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 – 430,317	430,317
The Vanguard Group, Inc.	The Bank of New York Mellon Corp.	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 – 119,454	119,454

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: Nick Gould Compliance Manager P.O. Box 2600 Valley Forge, PA 19482 USA Vanguard_Fund_Compliance@Vanguard.com

Signature

print name

Keith Delgado

capacity

Mgr, Fund Compliance

sign here

Keith Delgado

date

22/12/2016

Annexure A

To Company Goodman Group
ACN/ARSN 000 123 071

Substantial Holder The Vanguard Group, Inc.
ACN/ARSN N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Oct-15	The Vanguard Group, Inc.	Sell	5.94	Ordinary	(28,438)	(28,438)
1-Oct-15	The Vanguard Group, Inc.	Buy	5.93	Ordinary	125,126	125,126
1-Oct-15	The Vanguard Group, Inc.	Buy	5.88	Ordinary	13,625	13,625
1-Oct-15	The Vanguard Group, Inc.	Sell	5.93	Ordinary	(127,829)	(127,829)
1-Oct-15	The Vanguard Group, Inc.	Buy	5.91	Ordinary	6,256	6,256
2-Oct-15	The Vanguard Group, Inc.	Buy	5.87	Ordinary	3,600	3,600
8-Oct-15	The Vanguard Group, Inc.	Sell	5.86	Ordinary	(47,365)	(47,365)
9-Oct-15	The Vanguard Group, Inc.	Buy	5.86	Ordinary	2,200	2,200
12-Oct-15	The Vanguard Group, Inc.	Buy	5.78	Ordinary	13,625	13,625
14-Oct-15	The Vanguard Group, Inc.	Buy	5.72	Ordinary	3,600	3,600
15-Oct-15	The Vanguard Group, Inc.	Sell	5.76	Ordinary	(35,558)	(35,558)
20-Oct-15	The Vanguard Group, Inc.	Buy	5.95	Ordinary	25,628	25,628
22-Oct-15	The Vanguard Group, Inc.	Buy	5.99	Ordinary	5,019	5,019
22-Oct-15	The Vanguard Group, Inc.	Buy	5.99	Ordinary	7,700	7,700
30-Oct-15	The Vanguard Group, Inc.	Buy	6.05	Ordinary	115,716	115,716
30-Oct-15	The Vanguard Group, Inc.	Buy	6.07	Ordinary	4,400	4,400
30-Oct-15	The Vanguard Group, Inc.	Buy	6.00	Ordinary	25,730	25,730
30-Oct-15	The Vanguard Group, Inc.	Buy	6.07	Ordinary	610	610
4-Nov-15	The Vanguard Group, Inc.	Buy	6.00	Ordinary	10,900	10,900
4-Nov-15	The Vanguard Group, Inc.	Buy	6.00	Ordinary	5,450	5,450
5-Nov-15	The Vanguard Group, Inc.	Buy	6.04	Ordinary	6,600	6,600
5-Nov-15	The Vanguard Group, Inc.	Buy	6.04	Ordinary	5,802	5,802
6-Nov-15	The Vanguard Group, Inc.	Buy	6.14	Ordinary	6,692	6,692
6-Nov-15	The Vanguard Group, Inc.	Buy	6.15	Ordinary	858	858
9-Nov-15	The Vanguard Group, Inc.	Buy	5.94	Ordinary	16,350	16,350
10-Nov-15	The Vanguard Group, Inc.	Buy	5.91	Ordinary	115,533	115,533
10-Nov-15	The Vanguard Group, Inc.	Buy	5.90	Ordinary	18,320	18,320
13-Nov-15	The Vanguard Group, Inc.	Sell	5.82	Ordinary	(35,547)	(35,547)
16-Nov-15	The Vanguard Group, Inc.	Buy	5.80	Ordinary	170,514	170,514
16-Nov-15	The Vanguard Group, Inc.	Buy	5.75	Ordinary	6,738	6,738
17-Nov-15	The Vanguard Group, Inc.	Buy	5.98	Ordinary	21,800	21,800
17-Nov-15	The Vanguard Group, Inc.	Buy	5.99	Ordinary	945	945
18-Nov-15	The Vanguard Group, Inc.	Buy	6.10	Ordinary	27,250	27,250
18-Nov-15	The Vanguard Group, Inc.	Buy	6.10	Ordinary	13,625	13,625
20-Nov-15	The Vanguard Group, Inc.	Buy	6.18	Ordinary	117,303	117,303
25-Nov-15	The Vanguard Group, Inc.	Buy	6.09	Ordinary	10,900	10,900
25-Nov-15	The Vanguard Group, Inc.	Buy	6.09	Ordinary	257	257
26-Nov-15	The Vanguard Group, Inc.	Buy	6.19	Ordinary	3,600	3,600
30-Nov-15	The Vanguard Group, Inc.	Buy	6.09	Ordinary	54,500	54,500
30-Nov-15	The Vanguard Group, Inc.	Buy	6.09	Ordinary	40,875	40,875
30-Nov-15	The Vanguard Group, Inc.	Sell	6.12	Ordinary	(17,998)	(17,998)
1-Dec-15	The Vanguard Group, Inc.	Buy	6.32	Ordinary	11,711	11,711
1-Dec-15	The Vanguard Group, Inc.	Buy	6.32	Ordinary	18,946	18,946
1-Dec-15	The Vanguard Group, Inc.	Buy	6.30	Ordinary	5,671	5,671
1-Dec-15	The Vanguard Group, Inc.	Buy	6.30	Ordinary	1,473	1,473
2-Dec-15	The Vanguard Group, Inc.	Buy	6.12	Ordinary	3,346	3,346
3-Dec-15	The Vanguard Group, Inc.	Buy	6.18	Ordinary	108,637	108,637
3-Dec-15	The Vanguard Group, Inc.	Buy	6.19	Ordinary	5,432	5,432
4-Dec-15	The Vanguard Group, Inc.	Sell	6.11	Ordinary	(37,626)	(37,626)
7-Dec-15	The Vanguard Group, Inc.	Buy	6.14	Ordinary	28,419	28,419
9-Dec-15	The Vanguard Group, Inc.	Buy	6.15	Ordinary	14,082	14,082
10-Dec-15	The Vanguard Group, Inc.	Sell	6.06	Ordinary	(5,477)	(5,477)
11-Dec-15	The Vanguard Group, Inc.	Buy	6.04	Ordinary	654	654
14-Dec-15	The Vanguard Group, Inc.	Buy	5.91	Ordinary	947	947
15-Dec-15	The Vanguard Group, Inc.	Buy	5.99	Ordinary	114,863	114,863

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
15-Dec-15	The Vanguard Group, Inc.	Buy	5.99	Ordinary	1,407	1,407
18-Dec-15	The Vanguard Group, Inc.	Sell	6.29	Ordinary	(38,670)	(38,670)
18-Dec-15	The Vanguard Group, Inc.	Buy	6.29	Ordinary	47,513	47,513
18-Dec-15	The Vanguard Group, Inc.	Buy	6.29	Ordinary	144,771	144,771
18-Dec-15	The Vanguard Group, Inc.	Sell	6.29	Ordinary	(234)	(234)
29-Dec-15	The Vanguard Group, Inc.	Sell	6.47	Ordinary	(28,419)	(28,419)
30-Dec-15	The Vanguard Group, Inc.	Buy	6.41	Ordinary	9,690	9,690
30-Dec-15	The Vanguard Group, Inc.	Buy	6.52	Ordinary	5,404	5,404
4-Jan-16	The Vanguard Group, Inc.	Buy	6.33	Ordinary	3,189	3,189
5-Jan-16	The Vanguard Group, Inc.	Buy	6.29	Ordinary	109,607	109,607
5-Jan-16	The Vanguard Group, Inc.	Sell	6.22	Ordinary	(18,946)	(18,946)
5-Jan-16	The Vanguard Group, Inc.	Buy	6.29	Ordinary	21,921	21,921
5-Jan-16	The Vanguard Group, Inc.	Buy	6.20	Ordinary	2,531	2,531
5-Jan-16	The Vanguard Group, Inc.	Buy	6.20	Ordinary	3,600	3,600
6-Jan-16	The Vanguard Group, Inc.	Buy	6.14	Ordinary	3,230	3,230
6-Jan-16	The Vanguard Group, Inc.	Buy	6.14	Ordinary	2,750	2,750
6-Jan-16	The Vanguard Group, Inc.	Buy	6.16	Ordinary	23,633	23,633
7-Jan-16	The Vanguard Group, Inc.	Buy	6.21	Ordinary	113,035	113,035
7-Jan-16	The Vanguard Group, Inc.	Buy	6.08	Ordinary	4,400	4,400
8-Jan-16	The Vanguard Group, Inc.	Buy	6.07	Ordinary	2,750	2,750
11-Jan-16	The Vanguard Group, Inc.	Buy	6.09	Ordinary	11,780	11,780
12-Jan-16	The Vanguard Group, Inc.	Buy	6.16	Ordinary	3,230	3,230
12-Jan-16	The Vanguard Group, Inc.	Buy	6.13	Ordinary	116,158	116,158
12-Jan-16	The Vanguard Group, Inc.	Buy	6.11	Ordinary	82,567	82,567
13-Jan-16	The Vanguard Group, Inc.	Buy	6.04	Ordinary	4,845	4,845
13-Jan-16	The Vanguard Group, Inc.	Buy	6.04	Ordinary	38,500	38,500
13-Jan-16	The Vanguard Group, Inc.	Buy	6.04	Ordinary	14,136	14,136
13-Jan-16	The Vanguard Group, Inc.	Sell	6.04	Ordinary	(47,365)	(47,365)
13-Jan-16	The Vanguard Group, Inc.	Sell	6.04	Ordinary	(28,419)	(28,419)
13-Jan-16	The Vanguard Group, Inc.	Buy	6.18	Ordinary	86,590	86,590
14-Jan-16	The Vanguard Group, Inc.	Buy	6.07	Ordinary	37,868	37,868
18-Jan-16	The Vanguard Group, Inc.	Buy	5.91	Ordinary	118,334	118,334
19-Jan-16	The Vanguard Group, Inc.	Buy	6.07	Ordinary	812	812
20-Jan-16	The Vanguard Group, Inc.	Buy	6.08	Ordinary	27,455	27,455
20-Jan-16	The Vanguard Group, Inc.	Sell	6.04	Ordinary	(3,652)	(3,652)
21-Jan-16	The Vanguard Group, Inc.	Sell	6.03	Ordinary	(14,535)	(14,535)
21-Jan-16	The Vanguard Group, Inc.	Buy	6.08	Ordinary	119,052	119,052
21-Jan-16	The Vanguard Group, Inc.	Buy	6.03	Ordinary	30,628	30,628
21-Jan-16	The Vanguard Group, Inc.	Sell	6.03	Ordinary	(47,365)	(47,365)
22-Jan-16	The Vanguard Group, Inc.	Sell	6.01	Ordinary	(80,752)	(80,752)
25-Jan-16	The Vanguard Group, Inc.	Sell	5.98	Ordinary	(9,473)	(9,473)
25-Jan-16	The Vanguard Group, Inc.	Buy	6.10	Ordinary	905	905
27-Jan-16	The Vanguard Group, Inc.	Buy	6.08	Ordinary	118,401	118,401
27-Jan-16	The Vanguard Group, Inc.	Buy	6.05	Ordinary	2,200	2,200
29-Jan-16	The Vanguard Group, Inc.	Sell	6.06	Ordinary	(150,119)	(150,119)
29-Jan-16	The Vanguard Group, Inc.	Buy	6.08	Ordinary	543	543
1-Feb-16	The Vanguard Group, Inc.	Buy	6.19	Ordinary	7,700	7,700
3-Feb-16	The Vanguard Group, Inc.	Buy	6.04	Ordinary	323	323
3-Feb-16	The Vanguard Group, Inc.	Buy	6.04	Ordinary	5,709	5,709
4-Feb-16	The Vanguard Group, Inc.	Buy	6.04	Ordinary	123,049	123,049
4-Feb-16	The Vanguard Group, Inc.	Sell	6.04	Ordinary	(123,049)	(123,049)
11-Feb-16	The Vanguard Group, Inc.	Buy	5.95	Ordinary	10,869	10,869
12-Feb-16	The Vanguard Group, Inc.	Buy	6.32	Ordinary	9,248	9,248
12-Feb-16	The Vanguard Group, Inc.	Buy	6.42	Ordinary	14,136	14,136
12-Feb-16	The Vanguard Group, Inc.	Buy	6.35	Ordinary	5,976	5,976
16-Feb-16	The Vanguard Group, Inc.	Buy	6.45	Ordinary	1,787	1,787
17-Feb-16	The Vanguard Group, Inc.	Buy	6.42	Ordinary	161,574	161,574
18-Feb-16	The Vanguard Group, Inc.	Buy	6.45	Ordinary	4,400	4,400
18-Feb-16	The Vanguard Group, Inc.	Buy	6.46	Ordinary	25,694	25,694
18-Feb-16	The Vanguard Group, Inc.	Buy	6.47	Ordinary	5,883	5,883
19-Feb-16	The Vanguard Group, Inc.	Buy	6.51	Ordinary	16,064	16,064
19-Feb-16	The Vanguard Group, Inc.	Buy	6.51	Ordinary	308	308

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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-Feb-16	The Vanguard Group, Inc.	Buy	6.60	Ordinary	30,628	30,628
23-Feb-16	The Vanguard Group, Inc.	Buy	6.56	Ordinary	108,306	108,306
23-Feb-16	The Vanguard Group, Inc.	Sell	6.58	Ordinary	(1,049)	(1,049)
24-Feb-16	The Vanguard Group, Inc.	Buy	6.65	Ordinary	4,400	4,400
25-Feb-16	The Vanguard Group, Inc.	Sell	6.60	Ordinary	(28,160)	(28,160)
25-Feb-16	The Vanguard Group, Inc.	Buy	6.60	Ordinary	28,160	28,160
29-Feb-16	The Vanguard Group, Inc.	Sell	6.49	Ordinary	(22,271)	(22,271)
1-Mar-16	The Vanguard Group, Inc.	Buy	6.60	Ordinary	106,926	106,926
1-Mar-16	The Vanguard Group, Inc.	Buy	6.74	Ordinary	14,994	14,994
1-Mar-16	The Vanguard Group, Inc.	Buy	6.59	Ordinary	368	368
2-Mar-16	The Vanguard Group, Inc.	Buy	6.61	Ordinary	10,586	10,586
4-Mar-16	The Vanguard Group, Inc.	Buy	6.45	Ordinary	2,750	2,750
4-Mar-16	The Vanguard Group, Inc.	Buy	6.45	Ordinary	6,426	6,426
4-Mar-16	The Vanguard Group, Inc.	Buy	6.44	Ordinary	271	271
4-Mar-16	The Vanguard Group, Inc.	Sell	6.60	Ordinary	(25,699)	(25,699)
4-Mar-16	The Vanguard Group, Inc.	Sell	6.44	Ordinary	(5,945)	(5,945)
4-Mar-16	The Vanguard Group, Inc.	Buy	6.44	Ordinary	6,544	6,544
4-Mar-16	The Vanguard Group, Inc.	Buy	6.44	Ordinary	5,945	5,945
7-Mar-16	The Vanguard Group, Inc.	Buy	6.48	Ordinary	10,710	10,710
7-Mar-16	The Vanguard Group, Inc.	Sell	6.46	Ordinary	(33,477)	(33,477)
7-Mar-16	The Vanguard Group, Inc.	Buy	6.46	Ordinary	33,477	33,477
8-Mar-16	The Vanguard Group, Inc.	Sell	6.46	Ordinary	(6,460)	(6,460)
8-Mar-16	The Vanguard Group, Inc.	Buy	6.46	Ordinary	6,600	6,600
8-Mar-16	The Vanguard Group, Inc.	Buy	6.51	Ordinary	1,776	1,776
8-Mar-16	The Vanguard Group, Inc.	Buy	6.51	Ordinary	6,460	6,460
9-Mar-16	The Vanguard Group, Inc.	Buy	6.61	Ordinary	38,556	38,556
10-Mar-16	The Vanguard Group, Inc.	Sell	6.61	Ordinary	(79,135)	(79,135)
10-Mar-16	The Vanguard Group, Inc.	Buy	6.61	Ordinary	81,396	81,396
11-Mar-16	The Vanguard Group, Inc.	Buy	6.72	Ordinary	3,600	3,600
11-Mar-16	The Vanguard Group, Inc.	Sell	6.72	Ordinary	(72,088)	(72,088)
16-Mar-16	The Vanguard Group, Inc.	Buy	6.59	Ordinary	7,700	7,700
16-Mar-16	The Vanguard Group, Inc.	Buy	6.56	Ordinary	435	435
17-Mar-16	The Vanguard Group, Inc.	Buy	6.71	Ordinary	6,426	6,426
17-Mar-16	The Vanguard Group, Inc.	Sell	6.64	Ordinary	(76,799)	(76,799)
18-Mar-16	The Vanguard Group, Inc.	Sell	6.70	Ordinary	(191,323)	(191,323)
18-Mar-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	15,868	15,868
18-Mar-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	47,128	47,128
18-Mar-16	The Vanguard Group, Inc.	Sell	6.70	Ordinary	(74,303)	(74,303)
18-Mar-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	10,143	10,143
18-Mar-16	The Vanguard Group, Inc.	Sell	6.70	Ordinary	(806)	(806)
18-Mar-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	5,886	5,886
18-Mar-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	426	426
21-Mar-16	The Vanguard Group, Inc.	Buy	6.69	Ordinary	11,659	11,659
23-Mar-16	The Vanguard Group, Inc.	Buy	6.67	Ordinary	7,350	7,350
24-Mar-16	The Vanguard Group, Inc.	Buy	6.74	Ordinary	8,250	8,250
24-Mar-16	The Vanguard Group, Inc.	Buy	6.72	Ordinary	23,778	23,778
24-Mar-16	The Vanguard Group, Inc.	Buy	6.71	Ordinary	7,315	7,315
29-Mar-16	The Vanguard Group, Inc.	Buy	6.72	Ordinary	19,833	19,833
29-Mar-16	The Vanguard Group, Inc.	Buy	6.69	Ordinary	10,710	10,710
30-Mar-16	The Vanguard Group, Inc.	Buy	6.67	Ordinary	24,671	24,671
31-Mar-16	The Vanguard Group, Inc.	Buy	6.67	Ordinary	2,922	2,922
1-Apr-16	The Vanguard Group, Inc.	Buy	6.59	Ordinary	7,422	7,422
1-Apr-16	The Vanguard Group, Inc.	Buy	6.59	Ordinary	4,144	4,144
1-Apr-16	The Vanguard Group, Inc.	Buy	6.66	Ordinary	8,451	8,451
4-Apr-16	The Vanguard Group, Inc.	Buy	6.57	Ordinary	441	441
5-Apr-16	The Vanguard Group, Inc.	Buy	6.59	Ordinary	99,310	99,310
5-Apr-16	The Vanguard Group, Inc.	Buy	6.52	Ordinary	4,400	4,400
5-Apr-16	The Vanguard Group, Inc.	Buy	6.52	Ordinary	94,730	94,730
5-Apr-16	The Vanguard Group, Inc.	Buy	6.60	Ordinary	36,582	36,582
5-Apr-16	The Vanguard Group, Inc.	Buy	6.55	Ordinary	4,965	4,965
7-Apr-16	The Vanguard Group, Inc.	Buy	6.65	Ordinary	101,275	101,275
7-Apr-16	The Vanguard Group, Inc.	Buy	6.64	Ordinary	6,716	6,716

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8-Apr-16	The Vanguard Group, Inc.	Buy	6.67	Ordinary	142,095	142,095
12-Apr-16	The Vanguard Group, Inc.	Buy	6.66	Ordinary	441	441
13-Apr-16	The Vanguard Group, Inc.	Buy	6.72	Ordinary	12,852	12,852
19-Apr-16	The Vanguard Group, Inc.	Buy	6.83	Ordinary	25,704	25,704
21-Apr-16	The Vanguard Group, Inc.	Buy	6.94	Ordinary	1,091	1,091
22-Apr-16	The Vanguard Group, Inc.	Buy	6.77	Ordinary	2,750	2,750
22-Apr-16	The Vanguard Group, Inc.	Sell	6.69	Ordinary	(1,997)	(1,997)
22-Apr-16	The Vanguard Group, Inc.	Buy	6.76	Ordinary	784	784
22-Apr-16	The Vanguard Group, Inc.	Buy	6.71	Ordinary	27,962	27,962
26-Apr-16	The Vanguard Group, Inc.	Buy	6.76	Ordinary	286	286
26-Apr-16	The Vanguard Group, Inc.	Buy	6.79	Ordinary	538	538
27-Apr-16	The Vanguard Group, Inc.	Buy	6.79	Ordinary	9,080	9,080
27-Apr-16	The Vanguard Group, Inc.	Buy	6.77	Ordinary	22,743	22,743
28-Apr-16	The Vanguard Group, Inc.	Buy	6.76	Ordinary	3,300	3,300
28-Apr-16	The Vanguard Group, Inc.	Buy	6.76	Ordinary	6,600	6,600
28-Apr-16	The Vanguard Group, Inc.	Sell	6.77	Ordinary	(58,003)	(58,003)
28-Apr-16	The Vanguard Group, Inc.	Buy	6.78	Ordinary	3,401	3,401
2-May-16	The Vanguard Group, Inc.	Buy	6.93	Ordinary	4,400	4,400
2-May-16	The Vanguard Group, Inc.	Buy	6.93	Ordinary	56,838	56,838
2-May-16	The Vanguard Group, Inc.	Sell	6.88	Ordinary	(29,009)	(29,009)
4-May-16	The Vanguard Group, Inc.	Buy	7.15	Ordinary	95,160	95,160
4-May-16	The Vanguard Group, Inc.	Buy	7.08	Ordinary	1,004	1,004
5-May-16	The Vanguard Group, Inc.	Sell	7.16	Ordinary	(3,632)	(3,632)
5-May-16	The Vanguard Group, Inc.	Buy	7.17	Ordinary	4,667	4,667
6-May-16	The Vanguard Group, Inc.	Sell	7.16	Ordinary	(10,896)	(10,896)
6-May-16	The Vanguard Group, Inc.	Buy	7.06	Ordinary	18,907	18,907
6-May-16	The Vanguard Group, Inc.	Buy	7.12	Ordinary	509	509
9-May-16	The Vanguard Group, Inc.	Buy	7.22	Ordinary	18,946	18,946
9-May-16	The Vanguard Group, Inc.	Buy	7.21	Ordinary	10,014	10,014
9-May-16	The Vanguard Group, Inc.	Buy	7.12	Ordinary	12,755	12,755
10-May-16	The Vanguard Group, Inc.	Buy	7.26	Ordinary	95,511	95,511
10-May-16	The Vanguard Group, Inc.	Buy	7.26	Ordinary	8,765	8,765
13-May-16	The Vanguard Group, Inc.	Buy	7.24	Ordinary	11,794	11,794
16-May-16	The Vanguard Group, Inc.	Buy	7.25	Ordinary	3,300	3,300
17-May-16	The Vanguard Group, Inc.	Buy	7.26	Ordinary	94,968	94,968
17-May-16	The Vanguard Group, Inc.	Sell	7.26	Ordinary	(1,897)	(1,897)
18-May-16	The Vanguard Group, Inc.	Buy	7.17	Ordinary	320	320
19-May-16	The Vanguard Group, Inc.	Buy	7.21	Ordinary	49,781	49,781
23-May-16	The Vanguard Group, Inc.	Buy	7.08	Ordinary	18,946	18,946
23-May-16	The Vanguard Group, Inc.	Sell	7.15	Ordinary	(24,758)	(24,758)
24-May-16	The Vanguard Group, Inc.	Buy	7.16	Ordinary	14,994	14,994
24-May-16	The Vanguard Group, Inc.	Buy	7.16	Ordinary	8,568	8,568
24-May-16	The Vanguard Group, Inc.	Buy	7.01	Ordinary	7,020	7,020
25-May-16	The Vanguard Group, Inc.	Buy	7.17	Ordinary	97,748	97,748
25-May-16	The Vanguard Group, Inc.	Sell	7.13	Ordinary	(144,587)	(144,587)
26-May-16	The Vanguard Group, Inc.	Buy	7.07	Ordinary	8,944	8,944
31-May-16	The Vanguard Group, Inc.	Buy	7.11	Ordinary	11,142	11,142
1-Jun-16	The Vanguard Group, Inc.	Buy	7.04	Ordinary	18,946	18,946
1-Jun-16	The Vanguard Group, Inc.	Buy	7.03	Ordinary	7,790	7,790
2-Jun-16	The Vanguard Group, Inc.	Buy	7.06	Ordinary	47,365	47,365
3-Jun-16	The Vanguard Group, Inc.	Buy	7.11	Ordinary	98,149	98,149
6-Jun-16	The Vanguard Group, Inc.	Buy	7.23	Ordinary	4,400	4,400
6-Jun-16	The Vanguard Group, Inc.	Buy	7.23	Ordinary	59,976	59,976
6-Jun-16	The Vanguard Group, Inc.	Buy	7.16	Ordinary	29,522	29,522
6-Jun-16	The Vanguard Group, Inc.	Buy	7.21	Ordinary	12,034	12,034
8-Jun-16	The Vanguard Group, Inc.	Buy	7.29	Ordinary	29,988	29,988
10-Jun-16	The Vanguard Group, Inc.	Sell	7.28	Ordinary	(18,392)	(18,392)
10-Jun-16	The Vanguard Group, Inc.	Sell	7.22	Ordinary	(16,344)	(16,344)
14-Jun-16	The Vanguard Group, Inc.	Buy	7.04	Ordinary	404	404
15-Jun-16	The Vanguard Group, Inc.	Buy	7.07	Ordinary	93,024	93,024
16-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	19,278	19,278
16-Jun-16	The Vanguard Group, Inc.	Sell	7.15	Ordinary	(1,929)	(1,929)

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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-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	216,764	216,764
17-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	23,173	23,173
17-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	1,868	1,868
17-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	124	124
17-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	4,135	4,135
21-Jun-16	The Vanguard Group, Inc.	Buy	7.20	Ordinary	94,303	94,303
22-Jun-16	The Vanguard Group, Inc.	Buy	7.27	Ordinary	10,710	10,710
22-Jun-16	The Vanguard Group, Inc.	Buy	7.28	Ordinary	6,209	6,209
27-Jun-16	The Vanguard Group, Inc.	Buy	7.05	Ordinary	25,070	25,070
28-Jun-16	The Vanguard Group, Inc.	Buy	7.23	Ordinary	37,892	37,892
28-Jun-16	The Vanguard Group, Inc.	Buy	7.16	Ordinary	601	601
29-Jun-16	The Vanguard Group, Inc.	Buy	7.05	Ordinary	94,784	94,784
29-Jun-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	21,420	21,420
29-Jun-16	The Vanguard Group, Inc.	Buy	7.11	Ordinary	601	601
30-Jun-16	The Vanguard Group, Inc.	Buy	7.12	Ordinary	7,767	7,767
1-Jul-16	The Vanguard Group, Inc.	Buy	7.22	Ordinary	94,572	94,572
4-Jul-16	The Vanguard Group, Inc.	Sell	7.14	Ordinary	(4,720)	(4,720)
5-Jul-16	The Vanguard Group, Inc.	Buy	7.11	Ordinary	17,136	17,136
5-Jul-16	The Vanguard Group, Inc.	Sell	7.13	Ordinary	(4,684)	(4,684)
7-Jul-16	The Vanguard Group, Inc.	Buy	7.12	Ordinary	93,890	93,890
7-Jul-16	The Vanguard Group, Inc.	Buy	7.12	Ordinary	21,902	21,902
7-Jul-16	The Vanguard Group, Inc.	Buy	7.13	Ordinary	8,022	8,022
8-Jul-16	The Vanguard Group, Inc.	Sell	7.14	Ordinary	(5,313)	(5,313)
11-Jul-16	The Vanguard Group, Inc.	Buy	7.23	Ordinary	96,182	96,182
12-Jul-16	The Vanguard Group, Inc.	Buy	7.27	Ordinary	9,080	9,080
12-Jul-16	The Vanguard Group, Inc.	Buy	7.24	Ordinary	93,383	93,383
15-Jul-16	The Vanguard Group, Inc.	Buy	7.23	Ordinary	12,852	12,852
15-Jul-16	The Vanguard Group, Inc.	Buy	7.22	Ordinary	361	361
18-Jul-16	The Vanguard Group, Inc.	Buy	7.31	Ordinary	7,264	7,264
19-Jul-16	The Vanguard Group, Inc.	Buy	7.33	Ordinary	3,401	3,401
20-Jul-16	The Vanguard Group, Inc.	Buy	7.47	Ordinary	90,313	90,313
20-Jul-16	The Vanguard Group, Inc.	Buy	7.47	Ordinary	23,403	23,403
22-Jul-16	The Vanguard Group, Inc.	Buy	7.48	Ordinary	3,632	3,632
22-Jul-16	The Vanguard Group, Inc.	Buy	7.48	Ordinary	4,400	4,400
22-Jul-16	The Vanguard Group, Inc.	Buy	7.48	Ordinary	25,704	25,704
25-Jul-16	The Vanguard Group, Inc.	Buy	7.46	Ordinary	361	361
27-Jul-16	The Vanguard Group, Inc.	Buy	7.52	Ordinary	29,988	29,988
29-Jul-16	The Vanguard Group, Inc.	Buy	7.55	Ordinary	6,600	6,600
29-Jul-16	The Vanguard Group, Inc.	Buy	7.55	Ordinary	76,111	76,111
2-Aug-16	The Vanguard Group, Inc.	Buy	7.59	Ordinary	25,112	25,112
3-Aug-16	The Vanguard Group, Inc.	Sell	7.31	Ordinary	(11,734)	(11,734)
4-Aug-16	The Vanguard Group, Inc.	Buy	7.38	Ordinary	17,136	17,136
4-Aug-16	The Vanguard Group, Inc.	Buy	7.38	Ordinary	17,136	17,136
4-Aug-16	The Vanguard Group, Inc.	Buy	7.38	Ordinary	517	517
5-Aug-16	The Vanguard Group, Inc.	Buy	7.35	Ordinary	90,261	90,261
9-Aug-16	The Vanguard Group, Inc.	Buy	7.34	Ordinary	3,850	3,850
9-Aug-16	The Vanguard Group, Inc.	Sell	7.34	Ordinary	(1,789)	(1,789)
11-Aug-16	The Vanguard Group, Inc.	Buy	7.40	Ordinary	17,777	17,777
11-Aug-16	The Vanguard Group, Inc.	Buy	7.43	Ordinary	3,754	3,754
12-Aug-16	The Vanguard Group, Inc.	Buy	7.45	Ordinary	3,300	3,300
12-Aug-16	The Vanguard Group, Inc.	Buy	7.48	Ordinary	17,502	17,502
12-Aug-16	The Vanguard Group, Inc.	Buy	7.45	Ordinary	4,376	4,376
15-Aug-16	The Vanguard Group, Inc.	Buy	7.66	Ordinary	14,994	14,994
16-Aug-16	The Vanguard Group, Inc.	Buy	7.60	Ordinary	34,272	34,272
16-Aug-16	The Vanguard Group, Inc.	Buy	7.62	Ordinary	4,361	4,361
18-Aug-16	The Vanguard Group, Inc.	Buy	7.60	Ordinary	531	531
19-Aug-16	The Vanguard Group, Inc.	Buy	7.60	Ordinary	3,632	3,632
19-Aug-16	The Vanguard Group, Inc.	Buy	7.60	Ordinary	3,632	3,632
19-Aug-16	The Vanguard Group, Inc.	Buy	7.60	Ordinary	104,203	104,203
23-Aug-16	The Vanguard Group, Inc.	Buy	7.67	Ordinary	1,816	1,816
24-Aug-16	The Vanguard Group, Inc.	Buy	7.71	Ordinary	1,287	1,287
25-Aug-16	The Vanguard Group, Inc.	Buy	7.75	Ordinary	18,946	18,946

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26-Aug-16	The Vanguard Group, Inc.	Buy	7.73	Ordinary	4,403	4,403
1-Sep-16	The Vanguard Group, Inc.	Buy	7.55	Ordinary	3,754	3,754
1-Sep-16	The Vanguard Group, Inc.	Buy	7.53	Ordinary	2,217	2,217
1-Sep-16	The Vanguard Group, Inc.	Sell	7.60	Ordinary	(971)	(971)
2-Sep-16	The Vanguard Group, Inc.	Buy	7.53	Ordinary	12,852	12,852
6-Sep-16	The Vanguard Group, Inc.	Buy	7.51	Ordinary	14,032	14,032
7-Sep-16	The Vanguard Group, Inc.	Buy	7.34	Ordinary	4,355	4,355
8-Sep-16	The Vanguard Group, Inc.	Buy	7.37	Ordinary	3,632	3,632
8-Sep-16	The Vanguard Group, Inc.	Buy	7.38	Ordinary	1,577	1,577
8-Sep-16	The Vanguard Group, Inc.	Buy	7.38	Ordinary	589	589
8-Sep-16	The Vanguard Group, Inc.	Buy	7.38	Ordinary	2,166	2,166
9-Sep-16	The Vanguard Group, Inc.	Sell	7.30	Ordinary	(1,773)	(1,773)
9-Sep-16	The Vanguard Group, Inc.	Buy	7.29	Ordinary	3,754	3,754
9-Sep-16	The Vanguard Group, Inc.	Buy	7.29	Ordinary	4,437	4,437
12-Sep-16	The Vanguard Group, Inc.	Buy	7.05	Ordinary	190,287	190,287
16-Sep-16	The Vanguard Group, Inc.	Sell	7.05	Ordinary	(183,404)	(183,404)
16-Sep-16	The Vanguard Group, Inc.	Sell	7.05	Ordinary	(28,437)	(28,437)
16-Sep-16	The Vanguard Group, Inc.	Sell	7.05	Ordinary	(1,077)	(1,077)
16-Sep-16	The Vanguard Group, Inc.	Sell	7.05	Ordinary	(591)	(591)
20-Sep-16	The Vanguard Group, Inc.	Buy	7.10	Ordinary	12,852	12,852
20-Sep-16	The Vanguard Group, Inc.	Buy	7.09	Ordinary	3,754	3,754
20-Sep-16	The Vanguard Group, Inc.	Buy	7.11	Ordinary	7,690	7,690
20-Sep-16	The Vanguard Group, Inc.	Buy	7.13	Ordinary	9,258	9,258
20-Sep-16	The Vanguard Group, Inc.	Buy	7.11	Ordinary	2,337	2,337
21-Sep-16	The Vanguard Group, Inc.	Buy	7.15	Ordinary	21,420	21,420
21-Sep-16	The Vanguard Group, Inc.	Buy	7.12	Ordinary	5,927	5,927
23-Sep-16	The Vanguard Group, Inc.	Buy	7.20	Ordinary	21,473	21,473
23-Sep-16	The Vanguard Group, Inc.	Buy	7.18	Ordinary	28,419	28,419
23-Sep-16	The Vanguard Group, Inc.	Sell	7.20	Ordinary	(21,473)	(21,473)
23-Sep-16	The Vanguard Group, Inc.	Buy	7.20	Ordinary	1,088	1,088
26-Sep-16	The Vanguard Group, Inc.	Buy	7.29	Ordinary	4,617	4,617
27-Sep-16	The Vanguard Group, Inc.	Buy	7.31	Ordinary	19,263	19,263
27-Sep-16	The Vanguard Group, Inc.	Buy	7.31	Ordinary	91,045	91,045
27-Sep-16	The Vanguard Group, Inc.	Buy	7.32	Ordinary	14,994	14,994
27-Sep-16	The Vanguard Group, Inc.	Buy	7.32	Ordinary	47,365	47,365
27-Sep-16	The Vanguard Group, Inc.	Buy	7.31	Ordinary	2,017	2,017
28-Sep-16	The Vanguard Group, Inc.	Buy	7.28	Ordinary	822	822
3-Oct-16	The Vanguard Group, Inc.	Buy	7.31	Ordinary	21,420	21,420
3-Oct-16	The Vanguard Group, Inc.	Buy	7.33	Ordinary	1,266	1,266
4-Oct-16	The Vanguard Group, Inc.	Buy	7.27	Ordinary	17,950	17,950
4-Oct-16	The Vanguard Group, Inc.	Buy	7.27	Ordinary	460	460
11-Oct-16	The Vanguard Group, Inc.	Buy	6.97	Ordinary	94,324	94,324
12-Oct-16	The Vanguard Group, Inc.	Buy	6.97	Ordinary	18,803	18,803
12-Oct-16	The Vanguard Group, Inc.	Buy	7.05	Ordinary	65,712	65,712
13-Oct-16	The Vanguard Group, Inc.	Buy	7.09	Ordinary	7,264	7,264
13-Oct-16	The Vanguard Group, Inc.	Buy	7.09	Ordinary	12,712	12,712
14-Oct-16	The Vanguard Group, Inc.	Buy	7.08	Ordinary	18,733	18,733
18-Oct-16	The Vanguard Group, Inc.	Buy	6.91	Ordinary	18,160	18,160
18-Oct-16	The Vanguard Group, Inc.	Buy	6.88	Ordinary	93,265	93,265
18-Oct-16	The Vanguard Group, Inc.	Buy	6.91	Ordinary	14,994	14,994
19-Oct-16	The Vanguard Group, Inc.	Buy	6.96	Ordinary	5,448	5,448
19-Oct-16	The Vanguard Group, Inc.	Sell	6.94	Ordinary	(70,833)	(70,833)
19-Oct-16	The Vanguard Group, Inc.	Buy	6.95	Ordinary	13,551	13,551
20-Oct-16	The Vanguard Group, Inc.	Sell	6.95	Ordinary	(15,995)	(15,995)
21-Oct-16	The Vanguard Group, Inc.	Buy	6.89	Ordinary	21,420	21,420
24-Oct-16	The Vanguard Group, Inc.	Sell	6.82	Ordinary	(45,774)	(45,774)
25-Oct-16	The Vanguard Group, Inc.	Buy	6.90	Ordinary	36,414	36,414
26-Oct-16	The Vanguard Group, Inc.	Buy	6.81	Ordinary	44,111	44,111
27-Oct-16	The Vanguard Group, Inc.	Buy	6.78	Ordinary	21,420	21,420
27-Oct-16	The Vanguard Group, Inc.	Buy	6.79	Ordinary	34,754	34,754
28-Oct-16	The Vanguard Group, Inc.	Buy	6.66	Ordinary	27,531	27,531
31-Oct-16	The Vanguard Group, Inc.	Sell	6.78	Ordinary	(49,266)	(49,266)

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31-Oct-16	The Vanguard Group, Inc.	Buy	6.79	Ordinary	7,415	7,415
1-Nov-16	The Vanguard Group, Inc.	Buy	6.78	Ordinary	5,731	5,731
1-Nov-16	The Vanguard Group, Inc.	Sell	6.70	Ordinary	(2,124)	(2,124)
2-Nov-16	The Vanguard Group, Inc.	Sell	6.70	Ordinary	(19,352)	(19,352)
3-Nov-16	The Vanguard Group, Inc.	Buy	6.83	Ordinary	47,365	47,365
4-Nov-16	The Vanguard Group, Inc.	Buy	6.74	Ordinary	17,136	17,136
4-Nov-16	The Vanguard Group, Inc.	Sell	6.77	Ordinary	(1,894)	(1,894)
4-Nov-16	The Vanguard Group, Inc.	Buy	6.74	Ordinary	28,419	28,419
7-Nov-16	The Vanguard Group, Inc.	Sell	6.83	Ordinary	(82,924)	(82,924)
8-Nov-16	The Vanguard Group, Inc.	Buy	6.85	Ordinary	96,620	96,620
8-Nov-16	The Vanguard Group, Inc.	Buy	6.82	Ordinary	1,320	1,320
9-Nov-16	The Vanguard Group, Inc.	Sell	6.76	Ordinary	(27,039)	(27,039)
10-Nov-16	The Vanguard Group, Inc.	Buy	6.56	Ordinary	47,365	47,365
11-Nov-16	The Vanguard Group, Inc.	Buy	6.43	Ordinary	35,122	35,122
11-Nov-16	The Vanguard Group, Inc.	Buy	6.43	Ordinary	29,155	29,155
14-Nov-16	The Vanguard Group, Inc.	Buy	6.44	Ordinary	9,801	9,801
15-Nov-16	The Vanguard Group, Inc.	Buy	6.36	Ordinary	103,953	103,953
16-Nov-16	The Vanguard Group, Inc.	Sell	6.31	Ordinary	(359,974)	(359,974)
16-Nov-16	The Vanguard Group, Inc.	Sell	6.32	Ordinary	(43,824)	(43,824)
17-Nov-16	The Vanguard Group, Inc.	Buy	6.42	Ordinary	105,316	105,316
17-Nov-16	The Vanguard Group, Inc.	Sell	6.45	Ordinary	(28,419)	(28,419)
17-Nov-16	The Vanguard Group, Inc.	Buy	6.43	Ordinary	17,219	17,219
18-Nov-16	The Vanguard Group, Inc.	Buy	6.48	Ordinary	1,060	1,060
21-Nov-16	The Vanguard Group, Inc.	Buy	6.46	Ordinary	17,136	17,136
21-Nov-16	The Vanguard Group, Inc.	Buy	6.46	Ordinary	25,704	25,704
21-Nov-16	The Vanguard Group, Inc.	Sell	6.46	Ordinary	(56,838)	(56,838)
21-Nov-16	The Vanguard Group, Inc.	Buy	6.43	Ordinary	3,465	3,465
21-Nov-16	The Vanguard Group, Inc.	Sell	6.43	Ordinary	(14,195)	(14,195)
22-Nov-16	The Vanguard Group, Inc.	Buy	6.52	Ordinary	105,045	105,045
23-Nov-16	The Vanguard Group, Inc.	Buy	6.62	Ordinary	21,420	21,420
23-Nov-16	The Vanguard Group, Inc.	Sell	6.62	Ordinary	(4,222)	(4,222)
28-Nov-16	The Vanguard Group, Inc.	Buy	6.57	Ordinary	857	857
29-Nov-16	The Vanguard Group, Inc.	Buy	6.58	Ordinary	2,750	2,750
30-Nov-16	The Vanguard Group, Inc.	Sell	6.67	Ordinary	(28,419)	(28,419)
30-Nov-16	The Vanguard Group, Inc.	Buy	6.68	Ordinary	3,465	3,465
1-Dec-16	The Vanguard Group, Inc.	Buy	6.54	Ordinary	101,933	101,933
1-Dec-16	The Vanguard Group, Inc.	Buy	6.49	Ordinary	16,344	16,344
2-Dec-16	The Vanguard Group, Inc.	Buy	6.49	Ordinary	11,387	11,387
2-Dec-16	The Vanguard Group, Inc.	Sell	6.49	Ordinary	(1,308)	(1,308)
6-Dec-16	The Vanguard Group, Inc.	Buy	6.65	Ordinary	12,852	12,852
7-Dec-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	101,724	101,724
7-Dec-16	The Vanguard Group, Inc.	Buy	6.80	Ordinary	3,300	3,300
7-Dec-16	The Vanguard Group, Inc.	Buy	6.70	Ordinary	26,632	26,632
8-Dec-16	The Vanguard Group, Inc.	Buy	6.81	Ordinary	21,420	21,420
8-Dec-16	The Vanguard Group, Inc.	Buy	6.81	Ordinary	21,420	21,420
13-Dec-16	The Vanguard Group, Inc.	Buy	6.90	Ordinary	21,420	21,420
13-Dec-16	The Vanguard Group, Inc.	Buy	6.88	Ordinary	1,020	1,020
14-Dec-16	The Vanguard Group, Inc.	Buy	6.92	Ordinary	17,136	17,136
14-Dec-16	The Vanguard Group, Inc.	Sell	6.92	Ordinary	(18,946)	(18,946)
16-Dec-16	The Vanguard Group, Inc.	Buy	6.94	Ordinary	32,130	32,130
16-Dec-16	The Vanguard Group, Inc.	Buy	6.94	Ordinary	14,994	14,994
16-Dec-16	The Vanguard Group, Inc.	Buy	6.95	Ordinary	82,284	82,284
16-Dec-16	The Vanguard Group, Inc.	Buy	6.95	Ordinary	812	812
16-Dec-16	The Vanguard Group, Inc.	Sell	6.95	Ordinary	(4,352)	(4,352)
16-Dec-16	The Vanguard Group, Inc.	Buy	6.95	Ordinary	249	249
2-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.85	Ordinary	108,100	108,100
5-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.95	Ordinary	10,290	10,290
6-Oct-15	Vanguard Investments Australia Ltd.	Buy	6.01	Ordinary	18,090	18,090
7-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.88	Ordinary	2,940	2,940
8-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.81	Ordinary	86,912	86,912
9-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.87	Ordinary	2,510	2,510
13-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.76	Ordinary	46,760	46,760

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15-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.76	Ordinary	89,330	89,330
19-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.93	Ordinary	4,320	4,320
20-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.92	Ordinary	21,730	21,730
21-Oct-15	Vanguard Investments Australia Ltd.	Buy	5.86	Ordinary	5,760	5,760
23-Oct-15	Vanguard Investments Australia Ltd.	Buy	6.00	Ordinary	43,460	43,460
26-Oct-15	Vanguard Investments Australia Ltd.	Buy	6.03	Ordinary	1,450,160	1,450,160
28-Oct-15	Vanguard Investments Australia Ltd.	Buy	6.05	Ordinary	5,760	5,760
30-Oct-15	Vanguard Investments Australia Ltd.	Buy	6.07	Ordinary	7,200	7,200
30-Oct-15	Vanguard Investments Australia Ltd.	Buy	6.07	Ordinary	5,760	5,760
2-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.00	Ordinary	43,460	43,460
2-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.00	Ordinary	10,080	10,080
4-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.12	Ordinary	19,200	19,200
6-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.15	Ordinary	79,800	79,800
6-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.15	Ordinary	7,200	7,200
10-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.90	Ordinary	43,458	43,458
10-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.90	Ordinary	7,200	7,200
12-Nov-15	Vanguard Investments Australia Ltd.	Sell	5.93	Ordinary	(98,065)	(98,065)
13-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.85	Ordinary	43,458	43,458
13-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.85	Ordinary	29,640	29,640
16-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.77	Ordinary	18,400	18,400
16-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.75	Ordinary	8,640	8,640
18-Nov-15	Vanguard Investments Australia Ltd.	Buy	5.96	Ordinary	29,430	29,430
18-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.02	Ordinary	35,560	35,560
20-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.17	Ordinary	43,458	43,458
24-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.18	Ordinary	8,640	8,640
25-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.09	Ordinary	5,760	5,760
30-Nov-15	Vanguard Investments Australia Ltd.	Sell	6.12	Ordinary	(2,500)	(2,500)
30-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.12	Ordinary	43,452	43,452
30-Nov-15	Vanguard Investments Australia Ltd.	Buy	6.12	Ordinary	37,440	37,440
1-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.30	Ordinary	(797)	(797)
3-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.19	Ordinary	43,452	43,452
4-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.11	Ordinary	(18,122)	(18,122)
4-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.11	Ordinary	(31,890)	(31,890)
4-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.11	Ordinary	8,766	8,766
8-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.25	Ordinary	250,443	250,443
8-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.25	Ordinary	(80,355)	(80,355)
8-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.25	Ordinary	(250,443)	(250,443)
9-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.15	Ordinary	56,200	56,200
10-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.06	Ordinary	62,130	62,130
10-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.07	Ordinary	(846,820)	(846,820)
10-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.06	Ordinary	(273,810)	(273,810)
10-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.06	Ordinary	10,227	10,227
11-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.04	Ordinary	53,660	53,660
14-Dec-15	Vanguard Investments Australia Ltd.	Buy	5.91	Ordinary	64,210	64,210
14-Dec-15	Vanguard Investments Australia Ltd.	Buy	5.91	Ordinary	14,610	14,610
15-Dec-15	Vanguard Investments Australia Ltd.	Buy	5.99	Ordinary	180,550	180,550
15-Dec-15	Vanguard Investments Australia Ltd.	Buy	5.97	Ordinary	48,450	48,450
15-Dec-15	Vanguard Investments Australia Ltd.	Buy	5.99	Ordinary	86,896	86,896
16-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.28	Ordinary	37,000	37,000
16-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.18	Ordinary	241,860	241,860
17-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.32	Ordinary	19,200	19,200
18-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.29	Ordinary	9,450	9,450
18-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.29	Ordinary	36,200	36,200
18-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.29	Ordinary	310	310
18-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.29	Ordinary	16,480	16,480
18-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.29	Ordinary	25,100	25,100
18-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.29	Ordinary	510,310	510,310
21-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.24	Ordinary	43,728	43,728
22-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.27	Ordinary	(625)	(625)
22-Dec-15	Vanguard Investments Australia Ltd.	Buy	6.27	Ordinary	30,450	30,450
23-Dec-15	Vanguard Investments Australia Ltd.	Sell	6.29	Ordinary	(103,880)	(103,880)
4-Jan-16	Vanguard Investments Australia Ltd.	Sell	6.28	Ordinary	(30,094)	(30,094)

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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
4-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.28	Ordinary	5,800	5,800
7-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.16	Ordinary	8,700	8,700
8-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.17	Ordinary	43,702	43,702
11-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.08	Ordinary	7,250	7,250
11-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.08	Ordinary	18,850	18,850
14-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.07	Ordinary	46,420	46,420
14-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.07	Ordinary	14,320	14,320
15-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.14	Ordinary	24,650	24,650
15-Jan-16	Vanguard Investments Australia Ltd.	Buy	5.95	Ordinary	7,160	7,160
18-Jan-16	Vanguard Investments Australia Ltd.	Buy	5.97	Ordinary	8,510	8,510
18-Jan-16	Vanguard Investments Australia Ltd.	Sell	5.97	Ordinary	(460)	(460)
18-Jan-16	Vanguard Investments Australia Ltd.	Buy	5.97	Ordinary	87,460	87,460
18-Jan-16	Vanguard Investments Australia Ltd.	Buy	5.97	Ordinary	56,830	56,830
19-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.07	Ordinary	43,730	43,730
20-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.11	Ordinary	107,550	107,550
21-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.03	Ordinary	230,900	230,900
22-Jan-16	Vanguard Investments Australia Ltd.	Sell	6.01	Ordinary	(58,712)	(58,712)
25-Jan-16	Vanguard Investments Australia Ltd.	Sell	6.06	Ordinary	(51,580)	(51,580)
27-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.07	Ordinary	53,020	53,020
28-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.08	Ordinary	65,810	65,810
28-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.08	Ordinary	226,080	226,080
29-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.08	Ordinary	103,200	103,200
29-Jan-16	Vanguard Investments Australia Ltd.	Buy	6.08	Ordinary	14,320	14,320
4-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.04	Ordinary	114,070	114,070
5-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.03	Ordinary	25,490	25,490
8-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.05	Ordinary	60,950	60,950
9-Feb-16	Vanguard Investments Australia Ltd.	Buy	5.93	Ordinary	128,580	128,580
9-Feb-16	Vanguard Investments Australia Ltd.	Sell	5.94	Ordinary	(500,000)	(500,000)
9-Feb-16	Vanguard Investments Australia Ltd.	Sell	5.93	Ordinary	(586,400)	(586,400)
9-Feb-16	Vanguard Investments Australia Ltd.	Buy	5.93	Ordinary	11,456	11,456
9-Feb-16	Vanguard Investments Australia Ltd.	Buy	5.93	Ordinary	15,752	15,752
10-Feb-16	Vanguard Investments Australia Ltd.	Buy	5.90	Ordinary	139,560	139,560
10-Feb-16	Vanguard Investments Australia Ltd.	Buy	5.96	Ordinary	20,410	20,410
10-Feb-16	Vanguard Investments Australia Ltd.	Buy	5.90	Ordinary	65,568	65,568
11-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.26	Ordinary	92,260	92,260
15-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.31	Ordinary	15,510	15,510
15-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.31	Ordinary	101,530	101,530
17-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.42	Ordinary	11,640	11,640
18-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.47	Ordinary	2,185,920	2,185,920
23-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.60	Ordinary	51,160	51,160
24-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.62	Ordinary	66,099	66,099
26-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.53	Ordinary	348,570	348,570
29-Feb-16	Vanguard Investments Australia Ltd.	Buy	6.49	Ordinary	15,160	15,160
29-Feb-16	Vanguard Investments Australia Ltd.	Sell	6.49	Ordinary	(52,506)	(52,506)
4-Mar-16	Vanguard Investments Australia Ltd.	Sell	6.47	Ordinary	(459,940)	(459,940)
7-Mar-16	Vanguard Investments Australia Ltd.	Sell	6.46	Ordinary	(16,910)	(16,910)
7-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.46	Ordinary	66,099	66,099
8-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.51	Ordinary	1,240,524	1,240,524
8-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.51	Ordinary	3,024,595	3,024,595
8-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.51	Ordinary	632,010	632,010
11-Mar-16	Vanguard Investments Australia Ltd.	Sell	6.73	Ordinary	(712,660)	(712,660)
11-Mar-16	Vanguard Investments Australia Ltd.	Sell	6.72	Ordinary	(189,740)	(189,740)
11-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.72	Ordinary	88,132	88,132
11-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.72	Ordinary	13,158	13,158
18-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.70	Ordinary	41,360	41,360
18-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.70	Ordinary	1,700	1,700
18-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.70	Ordinary	16,140	16,140
18-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.70	Ordinary	181,760	181,760
22-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	1,007,870	1,007,870
22-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	66,027	66,027
30-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.67	Ordinary	103,660	103,660
30-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.67	Ordinary	17,334	17,334

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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-Mar-16	Vanguard Investments Australia Ltd.	Sell	6.67	Ordinary	(6,359)	(6,359)
31-Mar-16	Vanguard Investments Australia Ltd.	Buy	6.67	Ordinary	22,100	22,100
31-Mar-16	Vanguard Investments Australia Ltd.	Sell	6.67	Ordinary	(130,605)	(130,605)
1-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.59	Ordinary	87,372	87,372
1-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.59	Ordinary	11,680	11,680
4-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.57	Ordinary	(2,325,401)	(2,325,401)
5-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.55	Ordinary	5,980	5,980
11-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.59	Ordinary	56,540	56,540
11-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.59	Ordinary	(801)	(801)
11-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.59	Ordinary	8,382	8,382
13-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.69	Ordinary	36,090	36,090
14-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	1,137,068	1,137,068
14-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	3,105,775	3,105,775
14-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.66	Ordinary	(3,105,775)	(3,105,775)
14-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.66	Ordinary	(1,137,068)	(1,137,068)
21-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.76	Ordinary	3,990	3,990
21-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.76	Ordinary	848,333	848,333
21-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.76	Ordinary	1,389,913	1,389,913
21-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.76	Ordinary	65,565	65,565
21-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.76	Ordinary	(1,389,913)	(1,389,913)
21-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.76	Ordinary	(848,333)	(848,333)
22-Apr-16	Vanguard Investments Australia Ltd.	Sell	6.76	Ordinary	(12,622)	(12,622)
22-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.76	Ordinary	87,420	87,420
29-Apr-16	Vanguard Investments Australia Ltd.	Buy	6.89	Ordinary	64,262	64,262
3-May-16	Vanguard Investments Australia Ltd.	Buy	7.14	Ordinary	60,470	60,470
5-May-16	Vanguard Investments Australia Ltd.	Sell	7.17	Ordinary	(160,801)	(160,801)
6-May-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	371,880	371,880
9-May-16	Vanguard Investments Australia Ltd.	Buy	7.21	Ordinary	5,140	5,140
9-May-16	Vanguard Investments Australia Ltd.	Buy	7.21	Ordinary	32,050	32,050
9-May-16	Vanguard Investments Australia Ltd.	Buy	7.21	Ordinary	33,420	33,420
9-May-16	Vanguard Investments Australia Ltd.	Buy	7.21	Ordinary	64,107	64,107
10-May-16	Vanguard Investments Australia Ltd.	Buy	7.35	Ordinary	487,800	487,800
12-May-16	Vanguard Investments Australia Ltd.	Buy	7.17	Ordinary	25,410	25,410
12-May-16	Vanguard Investments Australia Ltd.	Buy	7.17	Ordinary	22,070	22,070
13-May-16	Vanguard Investments Australia Ltd.	Buy	7.24	Ordinary	42,738	42,738
16-May-16	Vanguard Investments Australia Ltd.	Buy	7.20	Ordinary	182,730	182,730
20-May-16	Vanguard Investments Australia Ltd.	Buy	7.24	Ordinary	21,660	21,660
23-May-16	Vanguard Investments Australia Ltd.	Buy	7.10	Ordinary	85,476	85,476
23-May-16	Vanguard Investments Australia Ltd.	Buy	7.10	Ordinary	42,738	42,738
24-May-16	Vanguard Investments Australia Ltd.	Sell	7.08	Ordinary	(3,591)	(3,591)
24-May-16	Vanguard Investments Australia Ltd.	Sell	7.08	Ordinary	(376)	(376)
25-May-16	Vanguard Investments Australia Ltd.	Buy	7.13	Ordinary	320,535	320,535
30-May-16	Vanguard Investments Australia Ltd.	Buy	7.15	Ordinary	52,020	52,020
31-May-16	Vanguard Investments Australia Ltd.	Sell	7.11	Ordinary	(2,194)	(2,194)
31-May-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	42,738	42,738
2-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.03	Ordinary	(4,337)	(4,337)
2-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.03	Ordinary	38,520	38,520
7-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.26	Ordinary	(125,628)	(125,628)
8-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.28	Ordinary	179,480	179,480
9-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.29	Ordinary	98,120	98,120
9-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.29	Ordinary	42,750	42,750
14-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.04	Ordinary	(79,544)	(79,544)
15-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.02	Ordinary	36,470	36,470
16-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.14	Ordinary	85,500	85,500
16-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.14	Ordinary	5,776	5,776
16-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.14	Ordinary	8,664	8,664
17-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.18	Ordinary	5,820	5,820
17-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.18	Ordinary	31,840	31,840
17-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.18	Ordinary	(61,822)	(61,822)
21-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.25	Ordinary	122,580	122,580
21-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.25	Ordinary	(33,041)	(33,041)
22-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.28	Ordinary	23,890	23,890

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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-16	Vanguard Investments Australia Ltd.	Buy	7.28	Ordinary	21,825	21,825
24-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.14	Ordinary	(11,746)	(11,746)
24-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.14	Ordinary	14,550	14,550
24-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.14	Ordinary	18,915	18,915
27-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.18	Ordinary	(12,744)	(12,744)
28-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.16	Ordinary	(2,559)	(2,559)
30-Jun-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	43,274	43,274
30-Jun-16	Vanguard Investments Australia Ltd.	Sell	7.11	Ordinary	(281,281)	(281,281)
1-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.13	Ordinary	48,590	48,590
4-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.14	Ordinary	(16,038)	(16,038)
6-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	163,030	163,030
6-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	5,832	5,832
7-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.13	Ordinary	2,280	2,280
8-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.14	Ordinary	(3,484)	(3,484)
12-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.24	Ordinary	84,996	84,996
12-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.24	Ordinary	(77,274)	(77,274)
13-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.29	Ordinary	1,490	1,490
19-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.38	Ordinary	42,450	42,450
21-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.47	Ordinary	(603,845)	(603,845)
21-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.47	Ordinary	1,646,118	1,646,118
21-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.47	Ordinary	(17,496)	(17,496)
26-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.52	Ordinary	(632)	(632)
26-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.52	Ordinary	278,224	278,224
26-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.52	Ordinary	42,770	42,770
27-Jul-16	Vanguard Investments Australia Ltd.	Sell	7.51	Ordinary	(14,580)	(14,580)
28-Jul-16	Vanguard Investments Australia Ltd.	Buy	7.59	Ordinary	63,675	63,675
5-Aug-16	Vanguard Investments Australia Ltd.	Buy	7.34	Ordinary	63,675	63,675
8-Aug-16	Vanguard Investments Australia Ltd.	Buy	7.33	Ordinary	109,380	109,380
15-Aug-16	Vanguard Investments Australia Ltd.	Sell	7.65	Ordinary	(2,991)	(2,991)
16-Aug-16	Vanguard Investments Australia Ltd.	Buy	7.62	Ordinary	85,516	85,516
19-Aug-16	Vanguard Investments Australia Ltd.	Buy	7.60	Ordinary	42,758	42,758
23-Aug-16	Vanguard Investments Australia Ltd.	Buy	7.67	Ordinary	99,200	99,200
31-Aug-16	Vanguard Investments Australia Ltd.	Buy	7.59	Ordinary	4,930	4,930
31-Aug-16	Vanguard Investments Australia Ltd.	Sell	7.59	Ordinary	(42,758)	(42,758)
31-Aug-16	Vanguard Investments Australia Ltd.	Sell	7.59	Ordinary	(8,862)	(8,862)
1-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.53	Ordinary	106,895	106,895
1-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.53	Ordinary	(8,862)	(8,862)
2-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.50	Ordinary	(42,736)	(42,736)
2-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.50	Ordinary	5,908	5,908
7-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.35	Ordinary	(419,066)	(419,066)
12-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.00	Ordinary	85,576	85,576
12-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.00	Ordinary	42,788	42,788
12-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.00	Ordinary	8,862	8,862
12-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.00	Ordinary	8,862	8,862
16-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.05	Ordinary	71,533	71,533
16-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.05	Ordinary	5,150	5,150
16-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.05	Ordinary	21,056	21,056
16-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.05	Ordinary	39,082	39,082
16-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.05	Ordinary	38,118	38,118
16-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.05	Ordinary	21,438	21,438
16-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.05	Ordinary	(333,029)	(333,029)
20-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	81,712	81,712
20-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.11	Ordinary	7,330	7,330
22-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.08	Ordinary	11,728	11,728
23-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.20	Ordinary	(10,886)	(10,886)
23-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.20	Ordinary	84,896	84,896
23-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.20	Ordinary	(89,721)	(89,721)
27-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.31	Ordinary	184,716	184,716
29-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.30	Ordinary	(217,481)	(217,481)
30-Sep-16	Vanguard Investments Australia Ltd.	Sell	7.28	Ordinary	(259,309)	(259,309)
30-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.28	Ordinary	63,480	63,480
30-Sep-16	Vanguard Investments Australia Ltd.	Buy	7.28	Ordinary	8,796	8,796

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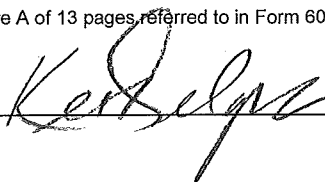
Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
3-Oct-16	Vanguard Investments Australia Ltd.	Sell	7.33	Ordinary	(178,874)	(178,874)
4-Oct-16	Vanguard Investments Australia Ltd.	Sell	7.27	Ordinary	(52,088)	(52,088)
5-Oct-16	Vanguard Investments Australia Ltd.	Buy	7.08	Ordinary	192,006	192,006
5-Oct-16	Vanguard Investments Australia Ltd.	Sell	7.08	Ordinary	(44,541)	(44,541)
5-Oct-16	Vanguard Investments Australia Ltd.	Buy	7.08	Ordinary	42,028	42,028
5-Oct-16	Vanguard Investments Australia Ltd.	Sell	7.08	Ordinary	(216,669)	(216,669)
6-Oct-16	Vanguard Investments Australia Ltd.	Buy	7.06	Ordinary	128,272	128,272
7-Oct-16	Vanguard Investments Australia Ltd.	Buy	7.17	Ordinary	27,889	27,889
7-Oct-16	Vanguard Investments Australia Ltd.	Sell	7.01	Ordinary	(704,157)	(704,157)
10-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.98	Ordinary	13,023	13,023
14-Oct-16	Vanguard Investments Australia Ltd.	Buy	7.03	Ordinary	63,042	63,042
17-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.80	Ordinary	31,428	31,428
20-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.95	Ordinary	6,745	6,745
21-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.88	Ordinary	3,270	3,270
21-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.88	Ordinary	26,597	26,597
21-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.88	Ordinary	16,660	16,660
24-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.82	Ordinary	4,970	4,970
24-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.82	Ordinary	28,130	28,130
24-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.82	Ordinary	35,050	35,050
24-Oct-16	Vanguard Investments Australia Ltd.	Sell	6.81	Ordinary	(257,455)	(257,455)
24-Oct-16	Vanguard Investments Australia Ltd.	Sell	6.77	Ordinary	(500,000)	(500,000)
24-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.82	Ordinary	12,141	12,141
25-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.92	Ordinary	84,056	84,056
25-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.92	Ordinary	16,188	16,188
27-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.79	Ordinary	199,784	199,784
28-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	78,781	78,781
28-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	639,798	639,798
28-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.66	Ordinary	12,141	12,141
31-Oct-16	Vanguard Investments Australia Ltd.	Sell	6.79	Ordinary	(28,735)	(28,735)
31-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.79	Ordinary	27,520	27,520
31-Oct-16	Vanguard Investments Australia Ltd.	Buy	6.79	Ordinary	168,112	168,112
1-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.78	Ordinary	84,056	84,056
1-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.78	Ordinary	84,056	84,056
2-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.88	Ordinary	210,140	210,140
2-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.88	Ordinary	6,630	6,630
3-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.84	Ordinary	189,126	189,126
3-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.84	Ordinary	(311,874)	(311,874)
4-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.75	Ordinary	69,540	69,540
4-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.75	Ordinary	10,760	10,760
7-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.83	Ordinary	(26,885)	(26,885)
8-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.91	Ordinary	13,641	13,641
9-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.68	Ordinary	12,987	12,987
10-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.56	Ordinary	14,430	14,430
11-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.38	Ordinary	38,370	38,370
14-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.44	Ordinary	84,056	84,056
14-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.44	Ordinary	60,130	60,130
14-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.44	Ordinary	(342,686)	(342,686)
16-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.32	Ordinary	13,840	13,840
21-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.43	Ordinary	(3,746)	(3,746)
21-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.43	Ordinary	(474,620)	(474,620)
21-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.43	Ordinary	(109,678)	(109,678)
22-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.46	Ordinary	63,042	63,042
24-Nov-16	Vanguard Investments Australia Ltd.	Buy	6.57	Ordinary	247,264	247,264
30-Nov-16	Vanguard Investments Australia Ltd.	Sell	6.68	Ordinary	(4,699)	(4,699)
1-Dec-16	Vanguard Investments Australia Ltd.	Sell	6.49	Ordinary	(3,665)	(3,665)
1-Dec-16	Vanguard Investments Australia Ltd.	Sell	6.49	Ordinary	(38,465)	(38,465)
5-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.58	Ordinary	41,982	41,982
5-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.58	Ordinary	104,955	104,955
6-Dec-16	Vanguard Investments Australia Ltd.	Sell	6.63	Ordinary	(44,733)	(44,733)
12-Dec-16	Vanguard Investments Australia Ltd.	Sell	6.80	Ordinary	(275,108)	(275,108)
13-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.88	Ordinary	41,668	41,668
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	132,380	132,380

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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
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	7,450	7,450
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	9,730	9,730
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	28,990	28,990
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	54,560	54,560
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	57,503	57,503
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	60,120	60,120
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	35,179	35,179
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	46,750	46,750
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	807,620	807,620
16-Dec-16	Vanguard Investments Australia Ltd.	Buy	6.94	Ordinary	156,470	156,470

This is Annexure A of 13 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature



Date

22-Dec-2016