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Corporations Act 2001 Section 671B

Notice of initial substantial holder

To Company Name/Scheme	WesFarmers Ltd.	
ACN/ARSN	008 984 049	
Details of substantial holder (1)		
Name ACN/ARSN (if applicable)	The Vanguard Group, Inc. N/A	
The holder became a substantial holder on	05 September 2017	

2. Details of 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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary	56,712,668	56,712,668	5.002%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Vanguard Investments Australia	Beneficial Owner	Ordinary - 29,110,021
Ltd.		
The Vanguard Group, Inc.	Beneficial Owner	Ordinary - 27,602,647

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of	Registered holder of	Person entitled to be	Class and
relevant	securities	registered as holder (8)	number of
interest			securities
Vanguard	JP Morgan Chase	Vanguard Investments Australia Ltd is the manager of various	Ordinary -
Investments	Bank, N.A. and	superannuation funds, institutional investor portfolios and unit trusts and	29,110,021
Australia Ltd	various other	in that capacity can exercise the power to vote and/or dispose of the	
	Custodians	shares	
The Vanguard	JP Morgan Chase	The Vanguard Group, Inc., is the manager of various Mutual funds and	Ordinary -
Group, Inc.	Bank, N.A.	accounts and in that capacity has the power to dispose of the shares	14,510,260
The Vanguard	Brown Brothers	The Vanguard Group, Inc., is the manager of various Mutual funds and	Ordinary -
Group, Inc.	Harriman	accounts and in that capacity has the power to dispose of the shares	11,756,409
The Vanguard	State Street Bank and	The Vanguard Group, Inc., is the manager of various Mutual funds and	Ordinary -
Group, Inc.	Trust Company	accounts and in that capacity has the power to dispose of the shares	893,718
The Vanguard	Bank of New York	The Vanguard Group, Inc., is the manager of various Mutual funds and	Ordinary -
Group, Inc.	Mellon	accounts and in that capacity has the power to dispose of the shares	442,260

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

ŀ	Holder of relevant interest	Date of acquisition See Annexure	Consideration (9)	Class and number of securities			
-							

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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

7. Addresses

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

Name	Address
The Vanguard Group, Inc.	P.O. Box 2600, V26 Valley Forge, PA 19482 USA
Vanguard Investments Australia Ltd	Level 34, 2 Southbank Blvd, Southbank 3006 VIC

print name KEITH DELGADO

pacity / /////.

sign here

date

07 September 2017

To Company ACN/ARSN WesFarmers Ltd. 008 984 049

Substantial Holder Name ACN/ARSN The Vanguard Group, Inc.

N/A

		Nature of	Consideration given in relation		Number of	Person's votes
Date of change	Person whose relevant interest changed		to change(7)	Class	securities affected	affected
	The Vanguard Group, Inc.	Buy	43.39	Ordinary	2,800	2,800 13,723
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy	43.65 43.39	Ordinary Ordinary	13,723 2,544	2,544
	The Vanguard Group, Inc.	Buy Buy	43.39	Ordinary	3,801	3,801
	The Vanguard Group, Inc.	Buy	43.65	Ordinary	557	557
	The Vanguard Group, Inc.	Buy	43.41	Ordinary	9,846	9,846
······	The Vanguard Group, Inc.	Buy	43.41	Ordinary	1,484	1,484
	The Vanguard Group, Inc.	Buy	43.41	Ordinary	2,339	2,339
	The Vanguard Group, Inc.	Buy	43.41	Ordinary	2,251	2,251
	The Vanguard Group, Inc.	Buy	43.41	Ordinary	5,513	5,513
	The Vanguard Group, Inc.	Buy	43.44	Ordinary	485	485
	The Vanguard Group, Inc.	Buy	43,44	Ordinary	5,402	5,402
	The Vanguard Group, Inc.	Buy	44.16	Ordinary	7,658	7,658
	The Vanguard Group, Inc.	Buy	44.16	Ordinary	22,896	22,896
	The Vanguard Group, Inc.	Buy	44.16	Ordinary	16,799	16,799
	The Vanguard Group, Inc.	Buy	44.16	Ordinary	124	124
	The Vanguard Group, Inc.	Buy	44.17	Ordinary	12,571	12,571
	The Vanguard Group, Inc.	Buy	43.94	Ordinary	2,544	2,544
	The Vanguard Group, Inc.	Buy	43.94	Ordinary	12,720	12,720
	The Vanguard Group, Inc.	Buy	43.94	Ordinary	7,632	7,632
·	The Vanguard Group, Inc.	Buy	43.95	Ordinary	3,260	3,260
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	Buy	43.93	Ordinary	7,753	7,753
	The Vanguard Group, Inc.	Buy	43.41	Ordinary	22,175	22,175
	The Vanguard Group, Inc.	Buy	43.41	Ordinary	11,860	11,860
	The Vanguard Group, Inc.	Buy	43.20	Ordinary	15,264	15,264
	The Vanguard Group, Inc.	Buy	43.20	Ordinary	3,258	3,258
	The Vanguard Group, Inc.	Buy	43.36	Ordinary	4,833	4,833
	The Vanguard Group, Inc.	Buy	43.02	Ordinary	17,118	17,118
	The Vanguard Group, Inc.	Buy	43.02	Ordinary	9,941	9,941
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	Buy	43.44	Ordinary	7,632	7,632
	The Vanguard Group, Inc.	Buy	43.02	Ordinary	7,077	7,077
	The Vanguard Group, Inc.	Buy	43.44	Ordinary	2,226	2,226
	The Vanguard Group, Inc.	Buy	43.10	Ordinary	2,800	2,800
	The Vanguard Group, Inc.	Buy	43.10	Ordinary	1,629	1,629
	The Vanguard Group, Inc.	Buy	43.10	Ordinary	3,376	3,376
	The Vanguard Group, Inc.	Buy	42.85	Ordinary	12,418	12,418
	The Vanguard Group, Inc.	Buy	42,53	Ordinary	148	148
	The Vanguard Group, Inc.	Buy	42.53	Ordinary	9,096	9,096
	The Vanguard Group, Inc.	Buy	42.76	Ordinary	4,376	4,376
	The Vanguard Group, Inc.	Buy	42.76	Ordinary	2,715	2,715
	The Vanguard Group, Inc.	Buy	42.76	Ordinary	2,968	2,968
	The Vanguard Group, Inc.	Buy	42.66	Ordinary	2,251	2,251
	The Vanguard Group, Inc.	Buy	42.80	Ordinary	2,800	2,800
	The Vanguard Group, Inc.	Buy	42.80	}	2,800	2,800
	The Vanguard Group, Inc.	Buy	42.64	Ordinary	3,675	3,675
	The Vanguard Group, Inc.	Buy	42.64	Ordinary	891	891
	The Vanguard Group, Inc.	Buy	42.77	Ordinary	475	475
	The Vanguard Group, Inc.	Buy	42.63	Ordinary	12,720	12,720
	The Vanguard Group, Inc.	Buy	42.63	Ordinary	2,715	2,715
	The Vanguard Group, Inc.	Buy	42.62	Ordinary	571	571
	The Vanguard Group, Inc.	Buy	42.62	Ordinary	671	671
	The Vanguard Group, Inc.	Buy	42.22	Ordinary	1,484	1,484
	The Vanguard Group, Inc.	Sell	42.30	Ordinary	(30,346)	(30,346)
	The Vanguard Group, Inc.	Buy	42.69	Ordinary	1,272	1,272
	The Vanguard Group, Inc.	Buy	42.69	Ordinary	1,086	1,086
	The Vanguard Group, Inc.	Sell	42.70	Ordinary	(5,309)	(5,309)
	The Vanguard Group, Inc.	Buy	41.49	Ordinary	17,808	17,808
	The Vanguard Group, Inc.	Buy	41.49	Ordinary	2,715	2,715
	The Vanguard Group, Inc.	Buy	41.49	Ordinary	22,788	22,788
	The Vanguard Group, Inc.	Buy	41.37	Ordinary	165	165
	The Vanguard Group, Inc.	Buy	41.80	Ordinary	977	977

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
	The Vanguard Group, Inc.	Buy	41.96	Ordinary	8,752	8,752
2-Jun-17	The Vanguard Group, Inc.	Buy	41.96	Ordinary	3,282	3,282
	The Vanguard Group, Inc.	Buy	41.96	Ordinary	4,376	4,376
	The Vanguard Group, Inc.	Sell	41.76	Ordinary	(23,819)	(23,819)
	The Vanguard Group, Inc.	Buy	42.02	Ordinary	4,376	4,376
	The Vanguard Group, Inc.	Sell	41.78	Ordinary	(6,960)	(6,960)
	The Vanguard Group, Inc.	Buy	42.03	Ordinary	7,021	7,021
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy Buy	41.93 41.41	Ordinary Ordinary	27,857 396	27,857 396
	The Vanguard Group, Inc.	Buy	40.21	Ordinary	4,200	4,200
	The Vanguard Group, Inc.	Buy	40.21	Ordinary	2,715	2,715
	The Vanguard Group, Inc.	Buy	40.32	Ordinary	2,251	2,251
	The Vanguard Group, Inc.	Sell	40.15	Ordinary	(3,524)	(3,524
	The Vanguard Group, Inc.	Buy	40.07	Ordinary	5,470	5,470
9-Jun-17	The Vanguard Group, Inc.	Buy	40.07	Ordinary	2,800	2,800
9-Jun-17	The Vanguard Group, Inc.	Buy	40.07	Ordinary	27,984	27,984
	The Vanguard Group, Inc.	Buy	39.98	Ordinary	2,168	2,168
	The Vanguard Group, Inc.	Buy	39.98	Ordinary	4,835	4,835
	The Vanguard Group, Inc.	Sell	40.06	Ordinary	(7,345)	(7,345
	The Vanguard Group, Inc.	Buy	40.06	Ordinary	7,658	7,658
	The Vanguard Group, Inc.	Buy	40.06	Ordinary	3,282	3,282
	The Vanguard Group, Inc.	Buy	40.06	Ordinary	5,064	5,064
	The Vanguard Group, Inc.	Buy	40.78	Ordinary	3,801	3,801
	The Vanguard Group, Inc.	Buy	40.78	Ordinary Ordinary	2,172 4,602	2,172 4,602
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy Buy	40.01	Ordinary	892	4,602
	The Vanguard Group, Inc.	Buy	40.56	Ordinary	40,972	40,972
	The Vanguard Group, Inc.	Buy	40.83	Ordinary	15,192	15,192
····	The Vanguard Group, Inc.	Buy	41.02	Ordinary	17,223	17,223
	The Vanguard Group, Inc.	Buy	40.70	Ordinary	12,872	12,872
	The Vanguard Group, Inc.	Buy	40.70	Ordinary	31,993	31,993
16-Jun-17	The Vanguard Group, Inc.	Buy	40.65	Ordinary	2,520	2,520
16-Jun-17	The Vanguard Group, Inc.	Buy	40.65	Ordinary	5,088	5,088
16-Jun-17	The Vanguard Group, Inc.	Buy	40.82	Ordinary	2,559	2,559
	The Vanguard Group, Inc.	Buy	40.70	Ordinary	1,077	1,077
	The Vanguard Group, Inc.	Buy	40.70	Ordinary	675	675
	The Vanguard Group, Inc.	Buy	40.69	Ordinary	4,376	4,376
	The Vanguard Group, Inc.	Buy	40.69	Ordinary	17,808	17,808
	The Vanguard Group, Inc.	Sell	40.26	Ordinary	(4,648)	(4,648)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy	40.46 40.46	Ordinary	17,804 1,960	17,804 1,960
	The Vanguard Group, Inc.	Buy Buy	40.46	Ordinary Ordinary	1,790	1,790
	The Vanguard Group, Inc.	Buy		Ordinary	2,334	2,334
	The Vanguard Group, Inc.	Buy	40.22		666	666
	The Vanguard Group, Inc.	Buy	40.31	Ordinary	2,936	2,936
	The Vanguard Group, Inc.	Buy	40.22	Ordinary	20,712	20,712
	The Vanguard Group, Inc.	Buy	40.38	Ordinary	26,390	26,390
22-Jun-17	The Vanguard Group, Inc.	Buy	40.85	Ordinary	6,360	6,360
22-Jun-17	The Vanguard Group, Inc.	Buy	40.85	Ordinary	2,226	2,226
22-Jun-17	The Vanguard Group, Inc.	Buy	40.38	Ordinary	5,577	5,577
	The Vanguard Group, Inc.	Buy	40.67	Ordinary	22,640	22,640
	The Vanguard Group, Inc.	Buy	40.74	Ordinary	2,226	2,226
	The Vanguard Group, Inc.	Buy	40.72	Ordinary	480	480
	The Vanguard Group, Inc.	Buy	40.72	Ordinary	1,125	1,125
	The Vanguard Group, Inc.	Buy	40.72	Ordinary	145	145
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	Sell	40.76	Ordinary	(4,753)	(4,753
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy Buy	40.72 40.73	Ordinary Ordinary	15,596 25,338	15,596 25,338
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy	40.49	Ordinary	5,088	25,538 5,088
	The Vanguard Group, Inc.	Buy	40.49	Ordinary	3,258	3,088
	The Vanguard Group, Inc.	Buy	40.45	Ordinary	22,896	22,896
	The Vanguard Group, Inc.	Buy	40.85	Ordinary	22,896	22,896
	The Vanguard Group, Inc.	Buy	40.85	Ordinary	7,632	7,632
	The Vanguard Group, Inc.	Buy	40.65	Ordinary	7,948	7,948
	The Vanguard Group, Inc.	Buy	40.85	Ordinary	742	742
	The Vanguard Group, Inc.	Buy	40.76	Ordinary	252	252
30-Jun-17	The Vanguard Group, Inc.	Sell	40.12	Ordinary	(32,349)	(32,349)
3-Jul-17	The Vanguard Group, Inc.	Buy	40.21	Ordinary	3,920	3,920

3-Jul-17 The Vanguard Group, Inc. Buy 40.06 Ordinary 1,	Person's votes affected	Number of securities affected	Class	Consideration given in relation to change(7)	Nature of Change(6)	Person whose relevant interest changed	Date of change
3-Jul-12 The Vanguard Group, Inc. Buy 40.06 Ordinary 5, Jul-12 The Vanguard Group, Inc. Buy 40.57 Ordinary 6,	2 7,632	7,632	Ordinary	40.21	Buy	The Vanguard Group, Inc.	
A-Jul-17 The Vanguard Group, Inc. Buy 40.57 Ordinary	8 128	128	Ordinary	40.06	Buy	The Vanguard Group, Inc.	3-Jul-17
S-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary		1,292			· ·		
S-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 22,		6,804			· · · · · · · · · · · · · · · · · · ·		
6-Jul-17 The Vanguard Group, Inc. 6-Jul-17 The Vanguard Group, Inc. 8uy 40.66 Ordinary 7. 7-Jul-17 The Vanguard Group, Inc. 8uy 40.90 Ordinary 7. 7-Jul-17 The Vanguard Group, Inc. 8uy 40.90 Ordinary 7. 7-Jul-17 The Vanguard Group, Inc. 8uy 40.90 Ordinary 7. 7-Jul-17 The Vanguard Group, Inc. 8uy 40.96 Ordinary 2. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.96 Ordinary 2. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.67 Ordinary 1.6. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.67 Ordinary 1.6. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.67 Ordinary 1.7. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.67 Ordinary 1.7. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.67 Ordinary 1.7. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.41 Ordinary 7. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.41 Ordinary 1.7. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.41 Ordinary 1.6. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.41 Ordinary 2. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.41 Ordinary 2. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.41 Ordinary 2. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.43 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.43 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.43 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 3. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.45 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 11-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 12-Jul-17 The Vanguard Group, Inc. 8uy 40.40 Ordinary 4. 12-Jul-1		671			· · · · · · · · · · · · · · · · · · ·		
G-Jul-17 The Vanguard Group, Inc. Buy 40.90 Ordinary 7,		119			'		
7-Jul-17 The Vanguard Group, Inc. Buy 40.90 Ordinary 7, 7-Jul-17 The Vanguard Group, Inc. Buy 40.91 Ordinary 2, 11-Jul-17 The Vanguard Group, Inc. Buy 40.95 Ordinary 2, 11-Jul-17 The Vanguard Group, Inc. Buy 40.67 Ordinary 2, 11-Jul-17 The Vanguard Group, Inc. Buy 40.67 Ordinary 2, 11-Jul-17 The Vanguard Group, Inc. Buy 40.67 Ordinary 7, 11-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 7, 11-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 7, 12-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 7, 12-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 7, 12-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 2, 13-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 5, 13-Jul-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 5, 13-Jul-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 5, 13-Jul-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 5, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 30, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 30, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 7, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 7, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 7, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 5, 14-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 13-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 14-Jul-17 The Vanguard Group, Inc. Buy		22,411 920					
T-Jul-17 The Vanguard Group, Inc. Buy 40.91 Ordinary 2,		7,710				3	
10-10-17 The Vanguard Group, Inc. Buy 40.96 Ordinary 2, 11-10-17 The Vanguard Group, Inc. Buy 40.87 Ordinary 16, 11-10-17 The Vanguard Group, Inc. Buy 40.74 Ordinary 16, 11-10-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 17, 11-10-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 17, 12-10-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 17, 12-10-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 17, 17-10-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 17, 17-10-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 17, 17-10-17 The Vanguard Group, Inc. Buy 41.41 Ordinary 2, 13-10-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 2, 13-10-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 2, 14-10-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 30, 14-10-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 2, 14-10-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 2, 14-10-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 2, 14-10-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-10-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-10-17 The Vanguard Group, Inc. Buy 41.43 Ordinary 25, 17-10-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 4, 15-10-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 4, 15-10-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 4, 15-10-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 1, 15-10-17 The Vanguard Group, Inc. Buy 40.70 Ordinary		345	— <u> </u>				
11-Jul-17 The Vanguard Group, Inc. Buy 40.67 Ordinary 2.2.		2,268			·		
11-Jul-17 The Vanguard Group, Inc. Buy 40.67 Ordinary 7,		2,198			Buy	,	
11-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 7.	0 16,090	16,090	Ordinary	40.74	Buy	The Vanguard Group, Inc.	11-Jul-17
12-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 7,	2 7,632	7,632	Ordinary	40.67	Buy	The Vanguard Group, Inc.	11-Jul-17
12-Jul-17 The Vanguard Group, Inc. Buy 40.45 Ordinary 16, 12-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 2, 13-Jul-17 The Vanguard Group, Inc. Buy 41.34 Ordinary 5, 13-Jul-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 2, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 2, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 7, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 2, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.43 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 41.43 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 1, 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11, 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11, 12-Jul-17 The Vanguard Group, Inc. Buy 40.40 Ordinary 12, 12-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 2, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 3, 12-Jul-17 The Vanguard Group, Inc. Buy 40.60 Ordinary 3, 12-Jul-17 The Vanguard Grou	5 1,385	1,385	Ordinary	40.68	Buy	The Vanguard Group, Inc.	11-Jul-17
12-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 2, 13-Jul-17 The Vanguard Group, Inc. Buy 41.34 Ordinary 5, 14-Jul-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 2, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 30, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.75 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.45 Ordinary 5, 14-Jul-17 The Vanguard Group, Inc. Buy 41.45 Ordinary 5, 14-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.00 Ordinary 1, 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 1, 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 1, 1, 25-Jul-17 The Vanguard Group, Inc. Buy 40.41 Ordinary 2, 1, 26-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 1, 26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 1, 26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 5, 1, 1, 1, 1, 1, 1, 1,		7,693					
13-Jul-17 The Vanguard Group, Inc. Buy 41.34 Ordinary 5,		16,224					
13-Jul-17 The Vanguard Group, Inc. Buy 41.35 Ordinary 2.,		2,800					
14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 7.		5,600				9 ,,	
14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41.75 Ordinary 5, 17-Jul-17 The Vanguard Group, Inc. Buy 41.43 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.00 Ordinary 11, 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11, 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 12, 12-Jul-17 The Vanguard Group, Inc. Buy 40.40 Ordinary 1, 12-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 1,		2,268					
14-Jul-17 The Vanguard Group, Inc. Buy 41,55 Ordinary 25, 14-Jul-17 The Vanguard Group, Inc. Buy 41,75 Ordinary 5, 17-Jul-17 The Vanguard Group, Inc. Buy 41,43 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 40,68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40,68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40,00 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40,00 Ordinary 1, 25-Jul-17 The Vanguard Group, Inc. Buy 40,30 Ordinary 2, 25-Jul-17 The Vanguard Group, Inc. Buy 40,40 Ordinary 2, 26-Jul-17 The Vanguard Group, Inc. Buy 40,61 Ordinary 2, 26-Jul-17 The Vanguard Group, Inc. Buy 40,70 Ordinary 5, 26-Jul-17 The Vanguard Group, Inc. Buy 40,70 Ordinary 5, 26-Jul-17 The Vanguard Group, Inc. Buy 40,70 Ordinary 5, 27-Jul-17 The Vanguard Group, Inc. Buy 40,72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40,72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40,73 Ordinary 3, 28-Jul-17 The Vanguard Group, Inc. Buy 40,55 Ordinary 5, 31-Jul-17 The Vanguard Group, Inc. Buy 40,55 Ordinary 6, 1-Aug-17 The Vanguard Group, Inc. Buy 40,30 Ordinary 6, 1-Aug-17 The Vanguard Group, Inc. Buy 40,30 Ordinary 7, 1-Aug-17 The Vanguard Group, Inc. Buy 40,30 Ordinary 3, 1-Aug-17 The Vanguard Group, Inc. Buy 40,30 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40,30 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40,66 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40,66 Ordinary 2, 2-Aug-17 The Vanguard Group, Inc. Buy 40,66 Ordinary 2, 2-Aug-17 The Vanguard Group, Inc. Buy 40,60 Ordinary 2, 3-Aug-17 The Vanguard Group, Inc. Buy 40,40 Ordinary 2, 3-Aug-17 The Vanguard Group, Inc. Buy 40,40 Ordinary		30,471 7,632		 	·		
14-Jul-17 The Vanguard Group, Inc. Buy 41.75 Ordinary 5, 17-Jul-17 The Vanguard Group, Inc. Buy 41.43 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 11, 19-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11, 12, 11, 12, 12, 14, 12, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14		25,440					
17-Jul-17 The Vanguard Group, Inc. Buy 41.43 Ordinary 4, 18-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1. 19-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 1. 19-Jul-17 The Vanguard Group, Inc. Sell 40.26 Ordinary 1. 12-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11. 11. 25-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11. 25-Jul-17 The Vanguard Group, Inc. Buy 40.42 Ordinary 12. 25-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 1. 26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 6. 26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 6. 26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33. 27-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33. 27-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33. 27-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 15. 28-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 15. 28-Jul-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7. 40.72 Ordinary 16. 40.73 Ordinary 16. 40.73 Ordinary 16. 40.73 Ordinary 17. 40.74 40.74 40.74 40.75 Ordinary 17. 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75 40.75		5,216					
18-Jul-17 The Vanguard Group, Inc. Buy 40.68 Ordinary 1, 19-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary (12, 24-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary (12, 25-Jul-17 The Vanguard Group, Inc. Buy 40.30 Ordinary 11, 25-Jul-17 The Vanguard Group, Inc. Buy 40.42 Ordinary 2, 26-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 6, 26-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 6, 26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 6, 26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 6, 26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 40.93 Ordinary	_	4,396			· · · · · · · · · · · · · · · · · · ·	,	
19-Jul-17 The Vanguard Group, Inc. Sell 40.76 Ordinary (12)		1,484					
24-Jul-17 The Vanguard Group, Inc. Sell 40.26 Ordinary (12,		123			· · · · · ·		
25-Jul-17 The Vanguard Group, Inc. Buy 40.42 Ordinary 2; 26-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 1, 26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 6; 26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.95 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 40.94 Ordinary 7, 40.	(12,880	(12,880)		40.26	Sell		
26-Jul-17 The Vanguard Group, Inc. Buy 40.61 Ordinary 1,26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 6,5	3 11,448	11,448	Ordinary	40.30	Buy	The Vanguard Group, Inc.	25-Jul-17
26-Jul-17 The Vanguard Group, Inc. Buy 40.70 Ordinary 6, 26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Buy 40.93 Ordinary (6, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7,	2,990	2,990	Ordinary	40.42	Buy	The Vanguard Group, Inc.	25-Jul-17
26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33, 27-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary (6, 40.73 Ordinary (6, 40.73 Ordinary 7, 40.91 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 40.91 The Vanguard Group, Inc. Buy 40.93 Ordinary 30, 40.93 Ordinary 30, 40.94 The Vanguard Group, Inc. Buy 40.93 Ordinary 2, 40.95 Ordinary 3, 40.95 Ordinary 4, 40.95 O		1,400	Ordinary	40.61	Buy		
26-Jul-17 The Vanguard Group, Inc. Buy 40.72 Ordinary 33,1 27-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Sell 40.73 Ordinary (6, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 30, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.94 Ordinary 2-Aug-17 The Vanguard Group, Inc. Buy 40.95 Ordinary 2, 2, 2-Aug-17 The Vanguard Group, Inc. Buy 40.96 Ordinary 9, 2-Aug-17 The Vanguard Group, Inc. Buy 40.97 Ordinary 2, 2, 3-Aug-17 The Vanguard Group, Inc. Buy 40.98 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.98 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.98 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.90 Ordinary 5, 3-Aug-17 The Vanguard Group, Inc. Buy 40.90 Ordinary 7-Aug-17 The Vanguard Group, Inc. Buy 40.90 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc.		6,712					
27-Jul-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 15, 28-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 7, 31-Jul-17 The Vanguard Group, Inc. Sell 40.73 Ordinary (6, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 30, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.94 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.66 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 9, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.54 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.54 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.54 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.54 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.54 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.56 Ordinary 5, 4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 2, 4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 3-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 3-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 3-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 3-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 40.80 Ordinary 5, 40.80 Ordinary 5, 40.80 Ordinary 5, 40.		244					
28-Jul-17 The Vanguard Group, Inc. Buy 40.55 Ordinary 7,4 31-Jul-17 The Vanguard Group, Inc. Sell 40.73 Ordinary (6,1 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7,4 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 30,4 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2,2 1-Aug-17 The Vanguard Group, Inc. Buy 40.66 Ordinary 2,1 2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 9,4 2-Aug-17 The Vanguard Group, Inc. Buy 40.64 Ordinary 21,4 2-Aug-17 The Vanguard Group, Inc. Buy 40.51 Ordinary 2,5 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 59,3 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5,5 3-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 26,7 7-Aug-17		33,620					
31-Jul-17 The Vanguard Group, Inc. Sell 40.73 Ordinary (6, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 30, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.66 Ordinary 2, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 9, 1-Aug-17 The Vanguard Group, Inc. Buy 40.51 Ordinary 21, 1-Aug-17 The Vanguard Group, Inc. Buy 40.51 Ordinary 22, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 59, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 59, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 26, 1-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26, 1-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 4-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 10, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 1-Aug-17 The Vanguard Group, Inc. Buy 40.86 O		15,264					
1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 7,1 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 30,1 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2,1 1-Aug-17 The Vanguard Group, Inc. Buy 40.93 Ordinary 2,2,1 1-Aug-17 The Vanguard Group, Inc. Buy 40.66 Ordinary 2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 9,1 2-Aug-17 The Vanguard Group, Inc. Buy 40.51 Ordinary 2,2 2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5,9 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5,9 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5,9 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5,1 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 40.49 Ordinary 40.49 Ordinary 40.49 Ordinary 40.40 Ordinary 40.		7,632 (6,558)					
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1-Aug-17 The Vanguard Group, Inc. Buy 40.66 Ordinary 2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 9,4 2-Aug-17 The Vanguard Group, Inc. Buy 40.64 Ordinary 21, 2-Aug-17 The Vanguard Group, Inc. Buy 40.65 Ordinary 9,4 2-Aug-17 The Vanguard Group, Inc. Buy 40.66 Ordinary 21, 2-Aug-17 The Vanguard Group, Inc. Buy 40.67 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5, 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 40.49 Ordinary 40.49 Ordinary 40.40 Or	· · · · · · · · · · · · · · · · · · ·	2,226					
2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 9,8 2-Aug-17 The Vanguard Group, Inc. Buy 40.64 Ordinary 21,7 2-Aug-17 The Vanguard Group, Inc. Buy 40.51 Ordinary 2,6 2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 59,7 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5,1 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 4,2 4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 26,3 7-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26,3 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 10,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1,5 9-Aug-17		782					
2-Aug-17 The Vanguard Group, Inc. Buy 40.64 Ordinary 21, 2-Aug-17 The Vanguard Group, Inc. Buy 40.51 Ordinary 2, 2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 5, 3-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 4-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 41.00 Ordinary 26, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 10, 9-Aug-17 The Vanguard Group, Inc. Buy 40.80 Ordinary 1, 9-Aug-17 The Vanguard Group, I		9,891					
2-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 59, 3-Aug-17 The Vanguard Group, Inc. Buy 40.21 Ordinary 5, 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 4 4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		21,205					
3-Aug-17 The Vanguard Group, Inc. Buy 40.21 Ordinary 5, 3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 4-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 40.76 Ordinary 7-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 41.00 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 11, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,	3 2,268	2,268	Ordinary	40.51	Buy	The Vanguard Group, Inc.	2-Aug-17
3-Aug-17 The Vanguard Group, Inc. Buy 40.48 Ordinary 4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 7-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 41.00 Ordinary 22, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		59,735	Ordinary	40.48	Buy	The Vanguard Group, Inc.	2-Aug-17
4-Aug-17 The Vanguard Group, Inc. Buy 40.76 Ordinary 7-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26, 7-Aug-17 The Vanguard Group, Inc. Buy 41.00 Ordinary 22, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22, 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		5,585			Buy		
7-Aug-17 The Vanguard Group, Inc. Buy 41.03 Ordinary 26,3 7-Aug-17 The Vanguard Group, Inc. Buy 41.00 Ordinary 22,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10,2 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1,2 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5,4 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,4		480					
7-Aug-17 The Vanguard Group, Inc. Buy 41.00 Ordinary 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		742		······································			
8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 22,4 8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10,2 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1,4 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5,4 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,4	_ 	26,340					
8-Aug-17 The Vanguard Group, Inc. Buy 40.99 Ordinary 10, 8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		122					
8-Aug-17 The Vanguard Group, Inc. Buy 40.83 Ordinary 1, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5, 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		22,418					
9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 5,0 9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,0		10,176 1,931					
9-Aug-17 The Vanguard Group, Inc. Buy 40.86 Ordinary 7,		5,600			· ·		
		7,632					
9-Aug-17 The Vanguard Group, Inc. Buy 40.90 Ordinary		126					
		262			· · · · · · · · · · · · · · · · · · ·		
		1,538					
		107					
	5,788	5,788	Ordinary	40.99	Buy		
		471		40.99	Buy	The Vanguard Group, Inc.	10-Aug-17
		15,620			Buy		
		480					
		3,297					
		188					
		28,770					
		15,952 2,172					

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
	The Vanguard Group, Inc.	Buy	41.34	Ordinary	3,308	3,308
	The Vanguard Group, Inc.	Buy	41.57	Ordinary	480	480
16-Aug-17	The Vanguard Group, Inc.	Buy	41.70	Ordinary	6,594	6,594
16-Aug-17	The Vanguard Group, Inc.	Buy	41.48	Ordinary	26,579	26,579
16-Aug-17	The Vanguard Group, Inc.	Buy	41.70	Ordinary	2,800	2,800
	The Vanguard Group, Inc.	Buy	41.70	Ordinary	1,484	1,484
	The Vanguard Group, Inc.	Buy	41.70	Ordinary	1,484	1,484
	The Vanguard Group, Inc.	Buy	41.53	Ordinary	2,268	2,268
	The Vanguard Group, Inc.	Buy	42.20	Ordinary	15,319	15,319 20,352
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy Buy	41.67 42.18	Ordinary Ordinary	20,352 7,632	7,632
	The Vanguard Group, Inc.	Buy	42.18	Ordinary	7,632	7,632
	The Vanguard Group, Inc.	Buy	42.18	Ordinary	2,172	2,172
	The Vanguard Group, Inc.	Buy	42.25	Ordinary	76	76
	The Vanguard Group, Inc.	Buy	42.25	Ordinary	671	671
	The Vanguard Group, Inc.	Buy	42.41	Ordinary	4,427	4,427
	The Vanguard Group, Inc.	Buy	41.35	Ordinary	94	94
23-Aug-17	The Vanguard Group, Inc.	Buy	41.50	Ordinary	16,536	16,536
23-Aug-17	The Vanguard Group, Inc.	Buy	41.52	Ordinary	591	591
24-Aug-17	The Vanguard Group, Inc.	Buy	41.54	Ordinary	15,256	15,256
	The Vanguard Group, Inc.	Buy	41.54	Ordinary	952	952
	The Vanguard Group, Inc.	Buy	41.94	Ordinary	4,396	4,396
	The Vanguard Group, Inc.	Buy	41.94	Ordinary	2,172	2,172
	The Vanguard Group, Inc.	Buy	41.54	Ordinary	1,484	1,484
	The Vanguard Group, Inc.	Buy	41.89	Ordinary	24,430	24,430
	The Vanguard Group, Inc.	Buy Buy	42.14 41.89	Ordinary Ordinary	10,176 5,185	10,176 5,185
	The Vanguard Group, Inc. The Vanguard Group, Inc.	Buy	42.62	Ordinary	4,887	4,887
	The Vanguard Group, Inc.	Buy	42.43	Ordinary	3,297	3,297
	The Vanguard Group, Inc.	Buy	42.53	Ordinary	14,801	14,801
	The Vanguard Group, Inc.	Buy	42.53	Ordinary	812	812
	The Vanguard Group, Inc.	Buy	42.38	Ordinary	15,264	15,264
4-May-17	Vanguard Investments Australia Ltd	Buy	43.64	Ordinary	5,808	5,808
5-May-17	Vanguard Investments Australia Ltd	Buy	43.29	Ordinary	14,534	14,534
	Vanguard Investments Australia Ltd	Buy	43.29	Ordinary	95	95
8-May-17	Vanguard Investments Australia Ltd	Buy	43.41	Ordinary	144	144
	Vanguard Investments Australia Ltd	Sell	43.63	Ordinary	(2,138)	(2,138)
	Vanguard Investments Australia Ltd	Buy	43.63	Ordinary	10,710	10,710
	Vanguard Investments Australia Ltd	Buy	44.12	Ordinary	14,545	14,545
	Vanguard Investments Australia Ltd	Buy	44.13	Ordinary	36,155	36,155
	Vanguard Investments Australia Ltd	Buy	43.98	Ordinary	25,018	25,018 1,885
	Vanguard Investments Australia Ltd	Buy Buy	43.98 43.98	Ordinary Ordinary	1,885 9,973	9,973
	Vanguard Investments Australia Ltd Vanguard Investments Australia Ltd	Buy	43.57	· ·	2,940	2,940
	Vanguard Investments Australia Ltd	Buy	43.57	Ordinary	11,212	11,212
	Vanguard Investments Australia Ltd	Buy	43.57	Ordinary	17,611	17,611
	Vanguard Investments Australia Ltd	Buy	43.57	Ordinary	8,727	8,727
	Vanguard Investments Australia Ltd	Buy	43.57	Ordinary	7,497	7,497
	Vanguard Investments Australia Ltd	Buy	43.57	Ordinary	293	293
	Vanguard Investments Australia Ltd	Buy	44.00	Ordinary	16,911	16,911
17-May-17	Vanguard Investments Australia Ltd	Buy	43.36	Ordinary	20,108	20,108
18-May-17	Vanguard Investments Australia Ltd	Buy	43.41	Ordinary	7,532	7,532
	Vanguard Investments Australia Ltd	Buy	43.14	Ordinary	3,799	3,799
	Vanguard Investments Australia Ltd	Buy	43.01	Ordinary	17,556	17,556
	Vanguard Investments Australia Ltd	Buy	43.01	Ordinary	863	863
·····	Vanguard Investments Australia Ltd	Sell	42.53	Ordinary	(16,050)	(16,050)
	Vanguard Investments Australia Ltd	Buy	42.75	Ordinary	901	901 20,086
	Vanguard Investments Australia Ltd	Buy	42.77	Ordinary	20,086	(4,632)
	Vanguard Investments Australia Ltd Vanguard Investments Australia Ltd	Sell	42.55 42.55	Ordinary Ordinary	(4,632) 5,852	5,852
	Vanguard Investments Australia Ltd Vanguard Investments Australia Ltd	Buy Sell	42.55	Ordinary	(419)	(419)
	Vanguard Investments Australia Ltd Vanguard Investments Australia Ltd	Sell	42.70	Ordinary	(653)	(653)
	Vanguard Investments Australia Ltd	Buy	40.94	Ordinary	31,733	31,733
	Vanguard Investments Australia Ltd	Buy	41.97	Ordinary	17,580	17,580
	Vanguard Investments Australia Ltd	Buy	42.03	Ordinary	5,860	5,860
	Vanguard Investments Australia Ltd	Sell	41.41	Ordinary	(11,419)	(11,419)
	Vanguard Investments Australia Ltd	Buy	41.41	Ordinary	10,760	10,760
	Vanguard Investments Australia Ltd	Sell	40.23	Ordinary	(2,516)	

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
	7 Vanguard Investments Australia Ltd	Buy	40.23	Ordinary	1,009	1,009
8-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.15	Ordinary	17,580	17,580
8-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.15	Ordinary	16,140	16,140
	7 Vanguard Investments Australia Ltd	Buy	40.15	Ordinary	178	178
	7 Vanguard Investments Australia Ltd	Buy	40.23	Ordinary	19,720	19,720
	7 Vanguard Investments Australia Ltd	Sell	40.74	Ordinary	(292)	(292)
	7 Vanguard Investments Australia Ltd	Buy	40.74	Ordinary	8,790	8,790
	7 Vanguard Investments Australia Ltd 7 Vanguard Investments Australia Ltd	Buy Buy	40.74	Ordinary Ordinary	17,580 967	17,580 967
	7 Vanguard Investments Australia Ltd	Buy	40.50	Ordinary	21,577	21,577
	7 Vanguard Investments Australia Ltd	Buy	41.02	Ordinary	17,550	17,550
	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	9,499	9,499
· · · · ·	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	997	997
	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	17,915	17,915
16-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	692	692
16-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	2,984	2,984
16-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	5,583	5,583
16-Jun-1	7 Vanguard Investments Australia Ltd	Sell	40.82	Ordinary	(14,140)	(14,140)
	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	15,064	15,064
	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	18,241	18,241
	7 Vanguard Investments Australia Ltd	Sell	40.51	Ordinary	(1,519)	(1,519)
	7 Vanguard Investments Australia Ltd	Buy	40.51	Ordinary	6,522	6,522
	7 Vanguard Investments Australia Ltd	Buy	40.82	Ordinary	10,870	10,870
	7 Vanguard Investments Australia Ltd	Buy Buy	40.72	Ordinary	20,622	20,622 2,636
	7 Vanguard Investments Australia Ltd 7 Vanguard Investments Australia Ltd	Buy	40.58	Ordinary Ordinary	2,636 9,783	9,783
	7 Vanguard Investments Australia Ltd	Sell	40.77	Ordinary	(5,868)	(5,868)
	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	598	598
	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	5,644	5,644
	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	1,507	1,507
	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	1,337	1,337
29-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	15,236	15,236
29-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	3,160	3,160
29-Jun-1	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	5,867	5,867
	7 Vanguard Investments Australia Ltd	Buy	40.68	Ordinary	17,712	17,712
	7 Vanguard Investments Australia Ltd	Sell	40.12	Ordinary	(378)	(378)
	7 Vanguard Investments Australia Ltd	Sell	40.12	Ordinary	(29,060)	(29,060)
	7 Vanguard Investments Australia Ltd	Buy	40.12	Ordinary	10,870	10,870
	7 Vanguard Investments Australia Ltd	Buy	40.17	Ordinary	10,690	10,690
	7 Vanguard Investments Australia Ltd 7 Vanguard Investments Australia Ltd	Sell Sell	40.77	Ordinary Ordinary	(100,969) (121,280)	(100,969) (121,280)
	7 Vanguard Investments Australia Ltd	Buy	40.96	Ordinary	145,472	145,472
	7 Vanguard Investments Australia Ltd	Buy	40.97	Ordinary	20,097	20,097
	7 Vanguard Investments Australia Ltd	Sell	40.86	Ordinary	(124,435)	(124,435)
	7 Vanguard Investments Australia Ltd	Buy	40.87	Ordinary	12,972	12,972
	7 Vanguard Investments Australia Ltd	Sell	40.68	Ordinary	(122,466)	(122,466)
	7 Vanguard Investments Australia Ltd	Buy	40.33	Ordinary	20,097	20,097
	7 Vanguard Investments Australia Ltd	Buy	40.33	Ordinary	7,567	7,567
	7 Vanguard Investments Australia Ltd	Buy	41.35	Ordinary	147,599	147,599
	7 Vanguard Investments Australia Ltd	Sell	41.35	Ordinary	(88,959)	(88,959)
18-Jul-1	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	20,097	20,097
	7 Vanguard Investments Australia Ltd	Buy	40.70	Ordinary	7,567	7,567
	7 Vanguard Investments Australia Ltd	Buy	40.53	Ordinary	24,835	24,835
	7 Vanguard Investments Australia Ltd	Buy	40.53	Ordinary	1,048	1,048
	7 Vanguard Investments Australia Ltd	Buy	40.48	Ordinary	125,281	125,281
	7 Vanguard Investments Australia Ltd	Buy	40.23	Ordinary	10,643	10,643
	7 Vanguard Investments Australia Ltd 7 Vanguard Investments Australia Ltd	Buy	40.25	Ordinary	15,134 20,097	15,134 20,097
	7 Vanguard Investments Australia Ltd 7 Vanguard Investments Australia Ltd	Buy Buy	40.29	Ordinary Ordinary	8,613	8,613
	7 Vanguard Investments Australia Ltd 7 Vanguard Investments Australia Ltd	Buy	40.80	Ordinary	42,403	42,403
	7 Vanguard Investments Australia Ltd	Sell	40.53	Ordinary	(47,966)	(47,966)
	7 Vanguard Investments Australia Ltd	Buy	40.73	Ordinary	8,648	8,648
	7 Vanguard Investments Australia Ltd	Buy	40.48	Ordinary	11,891	11,891
	7 Vanguard Investments Australia Ltd	Buy	41.00	Ordinary	11,484	11,484
	7 Vanguard Investments Australia Ltd	Buy	40.92	Ordinary	28,362	28,362
	7 Vanguard Investments Australia Ltd	Buy	40.85	Ordinary	156	156
11-Aug-1	7 Vanguard Investments Australia Ltd	Buy	40.85	Ordinary	20,146	20,146
11-Aug-1	7 Vanguard Investments Australia Ltd	Buy	40.85	Ordinary	8,634	8,634

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
11-Aug	-17 Vanguard Investments Australia Ltd	Buy	40.85	Ordinary	15,134	15,134
14-Aug	17 Vanguard Investments Australia Ltd	Buy	40.97	Ordinary	5,966	5,966
14-Aug	17 Vanguard Investments Australia Ltd	Buy	41.12	Ordinary	6,940	6,940
14-Aug	17 Vanguard Investments Australia Ltd	Buy	41.12	Ordinary	18,724	18,724
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	750	750
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	1,343	1,343
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	1,157	1,157
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	3,124	3,124
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	1,267	1,267
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	5,198	5,198
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	10,094	10,094
16-Aug	17 Vanguard Investments Australia Ltd	Buy	41.75	Ordinary	177	177
17-Aug	17 Vanguard Investments Australia Ltd	Sell	41.94	Ordinary	(160,342)	(160,342)
17-Aug	17 Vanguard Investments Australia Ltd	Buy	41.87	Ordinary	8,664	8,664
22-Aug	17 Vanguard Investments Australia Ltd	Sell	41.30	Ordinary	(1,423)	(1,423)
22-Aug	17 Vanguard Investments Australia Ltd	Sell	41.35	Ordinary	(164,253)	(164,253)
22-Aug	17 Vanguard Investments Australia Ltd	Buy	41.35	Ordinary	25,968	25,968
22-Aug	17 Vanguard Investments Australia Ltd	Buy	41.35	Ordinary	28,587	28,587
22-Aug	17 Vanguard Investments Australia Ltd	Sell	41.35	Ordinary	(284)	(284)
23-Aug	17 Vanguard Investments Australia Ltd	Buy	41.52	Ordinary	2,646	2,646
23-Aug	17 Vanguard Investments Australia Ltd	Buy	41.52	Ordinary	7,567	7,567
23-Aug	17 Vanguard Investments Australia Ltd	Buy	41.52	Ordinary	8,648	8,648
25-Aug	17 Vanguard Investments Australia Ltd	Sell	41.95	Ordinary	(2,321)	(2,321
25-Aug	17 Vanguard Investments Australia Ltd	Buy	41.95	Ordinary	14,480	14,480
28-Aug	17 Vanguard Investments Australia Ltd	Sell	41.48	Ordinary	(163,567)	(163,567
29-Aug	17 Vanguard Investments Australia Ltd	Sell	41.40	Ordinary	(161,647)	(161,647
29-Aug	17 Vanguard Investments Australia Ltd	Buy	41.49	Ordinary	11,600	11,600
30-Aug	17 Vanguard Investments Australia Ltd	Sell	42.04	Ordinary	(161,664)	(161,664)
30-Aug	17 Vanguard Investments Australia Ltd	Sell	42.04	Ordinary	(2,477)	(2,477
30-Aug-	17 Vanguard Investments Australia Ltd	Buy	42.05	Ordinary	20,416	20,416
31-Aug	17 Vanguard Investments Australia Ltd	Buy	42.62	Ordinary	1,261	1,261
31-Aug	17 Vanguard Investments Australia Ltd	Buy	42.62	Ordinary	729	729
31-Aug-	17 Vanguard Investments Australia Ltd	Buy	42.39	Ordinary	33,269	33,269
31-Aug	17 Vanguard Investments Australia Ltd	Buy	42.62	Ordinary	8,648	8,648
31-Aug-	17 Vanguard Investments Australia Ltd	Buy	42.39	Ordinary	22,230	22,230
5-Sep-	17 Vanguard Investments Australia Ltd	Buy	42.45	Ordinary	17,514	17,514
5-Sep-	17 Vanguard Investments Australia Ltd	Buy	42.45	Ordinary	28,616	28,616
5-Sep-	17 Vanguard Investments Australia Ltd	Buy	42.45	Ordinary	14,471	14,471

This is Annexure A of 6 pages referred to in Form 603, Notice of initial substantial holder.

Signature

Date

7-Sep-17