

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme Woodside Petroleum Limited
ACN/ARSN 004 898 962

1. Details of substantial holder (1)

Name The Vanguard Group, Inc.
ACN/ARSN (if applicable) N/A
The holder became a substantial holder on 12 June 2018

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	47,017,778	47,017,778	5.022%

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 Ltd.	Beneficial Owner	Ordinary – 20,635,751
The Vanguard Group, Inc.	Beneficial Owner	Ordinary – 26,382,027

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 relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Vanguard Investments Australia Ltd	JP Morgan 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	Ordinary – 20,635,751
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	Ordinary – 10,523,213
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	Ordinary – 13,005,677
The Vanguard Group, Inc.	Citibank	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	Ordinary – 8,833
The Vanguard Group, Inc.	Bank of New York Mellon	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Ordinary – 221,122
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	Ordinary – 2,623,182

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:

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

6. Associates

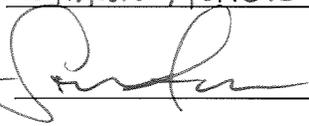
The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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 SHAWN ACKER capacity MANAGER
sign here  date 14 June 2018

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
 - (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
 - (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
 - (4) The voting shares of a company constitute one class unless divided into separate classes.
 - (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an Associate has a relevant interest in.
 - (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
 - (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).
- See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
 - (9) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest has acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

Annexure A

To Company Woodside Petroleum Limited
ACN/ARSN 004 898 962

Substantial Holder Name 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
13-Feb-18	The Vanguard Group, Inc.	Buy	31.08	Ordinary	3,095	3,095
13-Feb-18	The Vanguard Group, Inc.	Buy	31.29	Ordinary	337	337
13-Feb-18	The Vanguard Group, Inc.	Buy	31.08	Ordinary	1,090	1,090
13-Feb-18	The Vanguard Group, Inc.	Buy	31.29	Ordinary	137	137
13-Feb-18	The Vanguard Group, Inc.	Buy	31.14	Ordinary	9,830	9,830
13-Feb-18	The Vanguard Group, Inc.	Buy	31.14	Ordinary	5,898	5,898
13-Feb-18	The Vanguard Group, Inc.	Buy	31.14	Ordinary	1,732	1,732
13-Feb-18	The Vanguard Group, Inc.	Buy	31.14	Ordinary	2,192	2,192
13-Feb-18	The Vanguard Group, Inc.	Sell	31.29	Ordinary	(663)	(663)
14-Feb-18	The Vanguard Group, Inc.	Buy	31.48	Ordinary	1,330	1,330
14-Feb-18	The Vanguard Group, Inc.	Buy	31.48	Ordinary	2,165	2,165
14-Feb-18	The Vanguard Group, Inc.	Buy	31.48	Ordinary	1,096	1,096
16-Feb-18	The Vanguard Group, Inc.	Buy	31.52	Ordinary	1,475	1,475
19-Feb-18	The Vanguard Group, Inc.	Buy	28.75	Ordinary	3,730	3,730
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	3,305	3,305
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	11,633	11,633
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	3,110	3,110
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	364	364
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	25,948	25,948
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	174,370	174,370
19-Feb-18	The Vanguard Group, Inc.	Buy	28.75	Ordinary	13,116	13,116
19-Feb-18	The Vanguard Group, Inc.	Buy	28.75	Ordinary	2,057	2,057
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	2,566	2,566
19-Feb-18	The Vanguard Group, Inc.	Buy	28.75	Ordinary	416	416
19-Feb-18	The Vanguard Group, Inc.	Buy	28.75	Ordinary	4,136	4,136
19-Feb-18	The Vanguard Group, Inc.	Buy	28.75	Ordinary	3,477	3,477
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	105,566	105,566
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	1,242,428	1,242,428
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	158	158
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	508,208	508,208
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	30,065	30,065
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	158,032	158,032
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	11,327	11,327
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	9,222	9,222
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	123	123
19-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	3,487	3,487
20-Feb-18	The Vanguard Group, Inc.	Sell	28.88	Ordinary	(9,320)	(9,320)
21-Feb-18	The Vanguard Group, Inc.	Buy	29.42	Ordinary	502	502
21-Feb-18	The Vanguard Group, Inc.	Buy	29.34	Ordinary	41,442	41,442
21-Feb-18	The Vanguard Group, Inc.	Sell	29.21	Ordinary	(3,728)	(3,728)
21-Feb-18	The Vanguard Group, Inc.	Sell	29.21	Ordinary	(4,660)	(4,660)
22-Feb-18	The Vanguard Group, Inc.	Buy	28.45	Ordinary	771	771
22-Feb-18	The Vanguard Group, Inc.	Buy	28.46	Ordinary	40,943	40,943
22-Feb-18	The Vanguard Group, Inc.	Sell	28.45	Ordinary	(24,830)	(24,830)
23-Feb-18	The Vanguard Group, Inc.	Buy	28.58	Ordinary	1,880	1,880
23-Feb-18	The Vanguard Group, Inc.	Buy	28.58	Ordinary	1,880	1,880
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	1,172	1,172
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	1,983	1,983
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	169	169
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	2,813	2,813
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	13,726	13,726
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	104	104
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	2,466	2,466
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	2,465	2,465
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	1,163	1,163
26-Feb-18	The Vanguard Group, Inc.	Buy	29.19	Ordinary	5,460	5,460
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	7,027	7,027
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	51,429	51,429
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	191,635	191,635
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	588	588
26-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	82	82
27-Feb-18	The Vanguard Group, Inc.	Sell	28.92	Ordinary	(7,249)	(7,249)

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
27-Feb-18	The Vanguard Group, Inc.	Sell	28.44	Ordinary	(9,320)	(9,320)
28-Feb-18	The Vanguard Group, Inc.	Buy	29.18	Ordinary	534	534
28-Feb-18	The Vanguard Group, Inc.	Buy	29.18	Ordinary	1,969	1,969
28-Feb-18	The Vanguard Group, Inc.	Buy	28.72	Ordinary	38,858	38,858
28-Feb-18	The Vanguard Group, Inc.	Buy	27.00	Ordinary	240	240
1-Mar-18	The Vanguard Group, Inc.	Buy	28.46	Ordinary	2,405	2,405
1-Mar-18	The Vanguard Group, Inc.	Sell	28.84	Ordinary	(654)	(654)
1-Mar-18	The Vanguard Group, Inc.	Sell	28.46	Ordinary	(10,252)	(10,252)
2-Mar-18	The Vanguard Group, Inc.	Buy	28.76	Ordinary	37,622	37,622
6-Mar-18	The Vanguard Group, Inc.	Buy	29.06	Ordinary	93,270	93,270
6-Mar-18	The Vanguard Group, Inc.	Buy	28.93	Ordinary	2,950	2,950
7-Mar-18	The Vanguard Group, Inc.	Buy	28.80	Ordinary	281	281
7-Mar-18	The Vanguard Group, Inc.	Buy	29.00	Ordinary	12,806	12,806
7-Mar-18	The Vanguard Group, Inc.	Sell	29.00	Ordinary	(2,354)	(2,354)
8-Mar-18	The Vanguard Group, Inc.	Buy	28.99	Ordinary	5,038	5,038
9-Mar-18	The Vanguard Group, Inc.	Buy	28.60	Ordinary	750	750
12-Mar-18	The Vanguard Group, Inc.	Sell	28.86	Ordinary	(4,660)	(4,660)
13-Mar-18	The Vanguard Group, Inc.	Sell	28.86	Ordinary	(919)	(919)
14-Mar-18	The Vanguard Group, Inc.	Buy	28.78	Ordinary	726	726
14-Mar-18	The Vanguard Group, Inc.	Buy	28.68	Ordinary	4,744	4,744
15-Mar-18	The Vanguard Group, Inc.	Buy	28.63	Ordinary	209	209
15-Mar-18	The Vanguard Group, Inc.	Sell	28.63	Ordinary	(9,278)	(9,278)
16-Mar-18	The Vanguard Group, Inc.	Buy	28.56	Ordinary	24	24
16-Mar-18	The Vanguard Group, Inc.	Buy	28.63	Ordinary	1,216	1,216
16-Mar-18	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(442)	(442)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(1,671)	(1,671)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.56	Ordinary	(115)	(115)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.56	Ordinary	(1,198)	(1,198)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.63	Ordinary	(6,524)	(6,524)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(155,958)	(155,958)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(21,665)	(21,665)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(18,093)	(18,093)
16-Mar-18	The Vanguard Group, Inc.	Sell	28.58	Ordinary	(10,793)	(10,793)
19-Mar-18	The Vanguard Group, Inc.	Buy	28.87	Ordinary	4,518	4,518
20-Mar-18	The Vanguard Group, Inc.	Buy	28.74	Ordinary	534	534
20-Mar-18	The Vanguard Group, Inc.	Buy	28.80	Ordinary	44,179	44,179
20-Mar-18	The Vanguard Group, Inc.	Buy	28.68	Ordinary	6,420	6,420
20-Mar-18	The Vanguard Group, Inc.	Buy	28.68	Ordinary	1,791	1,791
20-Mar-18	The Vanguard Group, Inc.	Buy	28.80	Ordinary	3,126	3,126
20-Mar-18	The Vanguard Group, Inc.	Sell	28.90	Ordinary	(260)	(260)
21-Mar-18	The Vanguard Group, Inc.	Buy	29.09	Ordinary	1,450	1,450
21-Mar-18	The Vanguard Group, Inc.	Buy	29.09	Ordinary	3,745	3,745
21-Mar-18	The Vanguard Group, Inc.	Buy	29.09	Ordinary	2,996	2,996
21-Mar-18	The Vanguard Group, Inc.	Buy	29.01	Ordinary	6,548	6,548
22-Mar-18	The Vanguard Group, Inc.	Sell	29.44	Ordinary	(467)	(467)
22-Mar-18	The Vanguard Group, Inc.	Sell	29.10	Ordinary	(2,001)	(2,001)
23-Mar-18	The Vanguard Group, Inc.	Buy	29.34	Ordinary	1,193	1,193
23-Mar-18	The Vanguard Group, Inc.	Buy	29.06	Ordinary	45,512	45,512
23-Mar-18	The Vanguard Group, Inc.	Buy	29.06	Ordinary	10,700	10,700
23-Mar-18	The Vanguard Group, Inc.	Buy	29.06	Ordinary	5,350	5,350
26-Mar-18	The Vanguard Group, Inc.	Buy	29.52	Ordinary	2,900	2,900
26-Mar-18	The Vanguard Group, Inc.	Buy	29.52	Ordinary	3,210	3,210
26-Mar-18	The Vanguard Group, Inc.	Buy	29.31	Ordinary	2,133	2,133
27-Mar-18	The Vanguard Group, Inc.	Buy	29.50	Ordinary	4,413	4,413
28-Mar-18	The Vanguard Group, Inc.	Buy	29.24	Ordinary	76	76
28-Mar-18	The Vanguard Group, Inc.	Buy	29.18	Ordinary	90	90
28-Mar-18	The Vanguard Group, Inc.	Buy	29.18	Ordinary	60,527	60,527
28-Mar-18	The Vanguard Group, Inc.	Buy	28.92	Ordinary	4,280	4,280
29-Mar-18	The Vanguard Group, Inc.	Buy	29.21	Ordinary	7,244	7,244
29-Mar-18	The Vanguard Group, Inc.	Buy	29.24	Ordinary	6,956	6,956
2-Apr-18	The Vanguard Group, Inc.	Buy	29.09	Ordinary	1,194	1,194
3-Apr-18	The Vanguard Group, Inc.	Buy	29.09	Ordinary	11,588	11,588
3-Apr-18	The Vanguard Group, Inc.	Buy	29.09	Ordinary	6,277	6,277
4-Apr-18	The Vanguard Group, Inc.	Buy	29.65	Ordinary	2,919	2,919
4-Apr-18	The Vanguard Group, Inc.	Buy	29.65	Ordinary	1,843	1,843
4-Apr-18	The Vanguard Group, Inc.	Buy	29.65	Ordinary	5,033	5,033
4-Apr-18	The Vanguard Group, Inc.	Buy	29.45	Ordinary	1,395	1,395
4-Apr-18	The Vanguard Group, Inc.	Buy	29.45	Ordinary	11,616	11,616
5-Apr-18	The Vanguard Group, Inc.	Buy	29.60	Ordinary	3,908	3,908

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
5-Apr-18	The Vanguard Group, Inc.	Sell	29.96	Ordinary	(2,727)	(2,727)
6-Apr-18	The Vanguard Group, Inc.	Buy	29.82	Ordinary	115	115
9-Apr-18	The Vanguard Group, Inc.	Buy	30.20	Ordinary	11,175	11,175
9-Apr-18	The Vanguard Group, Inc.	Buy	29.84	Ordinary	8,831	8,831
9-Apr-18	The Vanguard Group, Inc.	Buy	29.82	Ordinary	3,012	3,012
10-Apr-18	The Vanguard Group, Inc.	Buy	30.07	Ordinary	973	973
10-Apr-18	The Vanguard Group, Inc.	Buy	30.26	Ordinary	2,610	2,610
11-Apr-18	The Vanguard Group, Inc.	Buy	30.44	Ordinary	802	802
11-Apr-18	The Vanguard Group, Inc.	Buy	30.36	Ordinary	22,329	22,329
11-Apr-18	The Vanguard Group, Inc.	Buy	30.59	Ordinary	3,480	3,480
13-Apr-18	The Vanguard Group, Inc.	Buy	30.35	Ordinary	1,194	1,194
18-Apr-18	The Vanguard Group, Inc.	Buy	30.72	Ordinary	283	283
18-Apr-18	The Vanguard Group, Inc.	Buy	30.75	Ordinary	2,900	2,900
18-Apr-18	The Vanguard Group, Inc.	Buy	30.72	Ordinary	20,850	20,850
18-Apr-18	The Vanguard Group, Inc.	Buy	30.72	Ordinary	3,618	3,618
19-Apr-18	The Vanguard Group, Inc.	Buy	31.06	Ordinary	12,497	12,497
19-Apr-18	The Vanguard Group, Inc.	Buy	31.50	Ordinary	5,959	5,959
23-Apr-18	The Vanguard Group, Inc.	Buy	31.41	Ordinary	1,053	1,053
24-Apr-18	The Vanguard Group, Inc.	Buy	31.52	Ordinary	1,194	1,194
26-Apr-18	The Vanguard Group, Inc.	Buy	32.37	Ordinary	2,900	2,900
26-Apr-18	The Vanguard Group, Inc.	Buy	32.37	Ordinary	17,120	17,120
26-Apr-18	The Vanguard Group, Inc.	Buy	31.96	Ordinary	15,631	15,631
27-Apr-18	The Vanguard Group, Inc.	Buy	32.25	Ordinary	1,029	1,029
27-Apr-18	The Vanguard Group, Inc.	Buy	32.39	Ordinary	123	123
27-Apr-18	The Vanguard Group, Inc.	Buy	32.39	Ordinary	36,726	36,726
27-Apr-18	The Vanguard Group, Inc.	Buy	32.21	Ordinary	3,190	3,190
27-Apr-18	The Vanguard Group, Inc.	Sell	32.44	Ordinary	(395)	(395)
1-May-18	The Vanguard Group, Inc.	Buy	32.51	Ordinary	31,190	31,190
1-May-18	The Vanguard Group, Inc.	Sell	32.40	Ordinary	(2,727)	(2,727)
3-May-18	The Vanguard Group, Inc.	Buy	32.69	Ordinary	1,194	1,194
3-May-18	The Vanguard Group, Inc.	Buy	32.69	Ordinary	1,194	1,194
7-May-18	The Vanguard Group, Inc.	Buy	32.55	Ordinary	417	417
7-May-18	The Vanguard Group, Inc.	Buy	32.40	Ordinary	6,420	6,420
7-May-18	The Vanguard Group, Inc.	Buy	32.40	Ordinary	1,194	1,194
8-May-18	The Vanguard Group, Inc.	Buy	31.96	Ordinary	1,680	1,680
8-May-18	The Vanguard Group, Inc.	Buy	31.96	Ordinary	595	595
8-May-18	The Vanguard Group, Inc.	Buy	32.50	Ordinary	31,874	31,874
9-May-18	The Vanguard Group, Inc.	Buy	32.39	Ordinary	16,050	16,050
9-May-18	The Vanguard Group, Inc.	Sell	32.06	Ordinary	(3,775)	(3,775)
10-May-18	The Vanguard Group, Inc.	Buy	33.20	Ordinary	32,109	32,109
10-May-18	The Vanguard Group, Inc.	Buy	33.20	Ordinary	16,408	16,408
14-May-18	The Vanguard Group, Inc.	Buy	33.97	Ordinary	1,859	1,859
14-May-18	The Vanguard Group, Inc.	Buy	33.91	Ordinary	2,996	2,996
15-May-18	The Vanguard Group, Inc.	Buy	33.51	Ordinary	834	834
15-May-18	The Vanguard Group, Inc.	Buy	33.55	Ordinary	12,840	12,840
16-May-18	The Vanguard Group, Inc.	Buy	34.19	Ordinary	9,789	9,789
17-May-18	The Vanguard Group, Inc.	Buy	34.05	Ordinary	7,856	7,856
17-May-18	The Vanguard Group, Inc.	Buy	34.05	Ordinary	1,847	1,847
17-May-18	The Vanguard Group, Inc.	Buy	34.45	Ordinary	1,194	1,194
21-May-18	The Vanguard Group, Inc.	Buy	34.24	Ordinary	7,768	7,768
21-May-18	The Vanguard Group, Inc.	Buy	34.24	Ordinary	3,141	3,141
22-May-18	The Vanguard Group, Inc.	Buy	34.18	Ordinary	35,284	35,284
22-May-18	The Vanguard Group, Inc.	Buy	33.99	Ordinary	5,510	5,510
22-May-18	The Vanguard Group, Inc.	Buy	33.99	Ordinary	7,490	7,490
23-May-18	The Vanguard Group, Inc.	Buy	33.80	Ordinary	540	540
23-May-18	The Vanguard Group, Inc.	Buy	33.80	Ordinary	8,593	8,593
23-May-18	The Vanguard Group, Inc.	Sell	34.00	Ordinary	(151)	(151)
24-May-18	The Vanguard Group, Inc.	Buy	33.53	Ordinary	1,194	1,194
24-May-18	The Vanguard Group, Inc.	Sell	33.53	Ordinary	(1,818)	(1,818)
25-May-18	The Vanguard Group, Inc.	Buy	32.86	Ordinary	1,625	1,625
25-May-18	The Vanguard Group, Inc.	Buy	32.82	Ordinary	3,210	3,210
29-May-18	The Vanguard Group, Inc.	Buy	31.80	Ordinary	295	295
30-May-18	The Vanguard Group, Inc.	Buy	31.67	Ordinary	60,908	60,908
30-May-18	The Vanguard Group, Inc.	Buy	31.60	Ordinary	38,653	38,653
31-May-18	The Vanguard Group, Inc.	Buy	32.25	Ordinary	28,619	28,619
31-May-18	The Vanguard Group, Inc.	Sell	32.40	Ordinary	(10,839)	(10,839)
31-May-18	The Vanguard Group, Inc.	Sell	32.40	Ordinary	(75,397)	(75,397)
31-May-18	The Vanguard Group, Inc.	Sell	32.40	Ordinary	(1,552)	(1,552)
31-May-18	The Vanguard Group, Inc.	Sell	32.40	Ordinary	(18,203)	(18,203)

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
31-May-18	The Vanguard Group, Inc.	Sell	32.40	Ordinary	(81,924)	(81,924)
1-Jun-18	The Vanguard Group, Inc.	Buy	32.07	Ordinary	425	425
1-Jun-18	The Vanguard Group, Inc.	Buy	32.07	Ordinary	20,389	20,389
1-Jun-18	The Vanguard Group, Inc.	Buy	32.19	Ordinary	5,350	5,350
1-Jun-18	The Vanguard Group, Inc.	Sell	32.11	Ordinary	(1,264)	(1,264)
1-Jun-18	The Vanguard Group, Inc.	Sell	32.11	Ordinary	(1,327)	(1,327)
4-Jun-18	The Vanguard Group, Inc.	Buy	32.23	Ordinary	4,078	4,078
4-Jun-18	The Vanguard Group, Inc.	Buy	32.20	Ordinary	15,959	15,959
5-Jun-18	The Vanguard Group, Inc.	Buy	32.00	Ordinary	701	701
6-Jun-18	The Vanguard Group, Inc.	Buy	32.35	Ordinary	473	473
6-Jun-18	The Vanguard Group, Inc.	Buy	32.35	Ordinary	19,261	19,261
7-Jun-18	The Vanguard Group, Inc.	Sell	33.24	Ordinary	(11,755)	(11,755)
8-Jun-18	The Vanguard Group, Inc.	Buy	33.24	Ordinary	1,556	1,556
12-Jun-18	The Vanguard Group, Inc.	Buy	33.84	Ordinary	2,048	2,048
19-Feb-18	Vanguard Investments Australia Ltd	Buy	28.75	Ordinary	2,493	2,493
20-Feb-18	Vanguard Investments Australia Ltd	Buy	29.10	Ordinary	10,572	10,572
23-Feb-18	Vanguard Investments Australia Ltd	Sell	28.58	Ordinary	(13,030)	(13,030)
26-Feb-18	Vanguard Investments Australia Ltd	Buy	29.09	Ordinary	26,469	26,469
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	16,775	16,775
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	328,379	328,379
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	38,673	38,673
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	32,936	32,936
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	74,673	74,673
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	343	343
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	366,144	366,144
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	24,726	24,726
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	157,012	157,012
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	285,360	285,360
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	7,038	7,038
26-Feb-18	Vanguard Investments Australia Ltd	Buy	27.00	Ordinary	678,990	678,990
28-Feb-18	Vanguard Investments Australia Ltd	Buy	29.12	Ordinary	1,414	1,414
28-Feb-18	Vanguard Investments Australia Ltd	Buy	29.12	Ordinary	419	419
1-Mar-18	Vanguard Investments Australia Ltd	Buy	28.61	Ordinary	8,190	8,190
7-Mar-18	Vanguard Investments Australia Ltd	Sell	28.90	Ordinary	(5,086)	(5,086)
8-Mar-18	Vanguard Investments Australia Ltd	Buy	28.99	Ordinary	415	415
8-Mar-18	Vanguard Investments Australia Ltd	Sell	28.99	Ordinary	(1,477)	(1,477)
13-Mar-18	Vanguard Investments Australia Ltd	Buy	28.86	Ordinary	4,550	4,550
16-Mar-18	Vanguard Investments Australia Ltd	Sell	28.56	Ordinary	(1,987)	(1,987)
16-Mar-18	Vanguard Investments Australia Ltd	Sell	28.56	Ordinary	(4,245)	(4,245)
16-Mar-18	Vanguard Investments Australia Ltd	Sell	28.56	Ordinary	(19,030)	(19,030)
16-Mar-18	Vanguard Investments Australia Ltd	Sell	28.56	Ordinary	(17,216)	(17,216)
20-Mar-18	Vanguard Investments Australia Ltd	Buy	28.70	Ordinary	9,596	9,596
21-Mar-18	Vanguard Investments Australia Ltd	Buy	28.80	Ordinary	5,466	5,466
22-Mar-18	Vanguard Investments Australia Ltd	Sell	29.44	Ordinary	(6,055)	(6,055)
26-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	9,535	9,535
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	1,120	1,120
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	15,246	15,246
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	1,768	1,768
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	3,036	3,036
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	3,607	3,607
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	1,154	1,154
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	7,958	7,958
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.43	Ordinary	11,598	11,598
27-Mar-18	Vanguard Investments Australia Ltd	Buy	29.50	Ordinary	10,021	10,021
29-Mar-18	Vanguard Investments Australia Ltd	Buy	29.24	Ordinary	30,601	30,601
29-Mar-18	Vanguard Investments Australia Ltd	Sell	29.24	Ordinary	(762)	(762)
3-Apr-18	Vanguard Investments Australia Ltd	Buy	29.45	Ordinary	11,689	11,689
5-Apr-18	Vanguard Investments Australia Ltd	Buy	29.91	Ordinary	12,305	12,305
5-Apr-18	Vanguard Investments Australia Ltd	Buy	29.78	Ordinary	10,872	10,872
6-Apr-18	Vanguard Investments Australia Ltd	Buy	30.11	Ordinary	8,136	8,136
10-Apr-18	Vanguard Investments Australia Ltd	Buy	30.07	Ordinary	9,592	9,592
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	990	990
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	16,147	16,147
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	2,190	2,190
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	1,396	1,396
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	8,160	8,160
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	982	982
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	5,426	5,426
12-Apr-18	Vanguard Investments Australia Ltd	Buy	30.30	Ordinary	14,702	14,702

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
13-Apr-18	Vanguard Investments Australia Ltd	Buy	30.41	Ordinary	23,801	23,801
19-Apr-18	Vanguard Investments Australia Ltd	Buy	31.06	Ordinary	10,872	10,872
19-Apr-18	Vanguard Investments Australia Ltd	Sell	31.06	Ordinary	(3,075)	(3,075)
19-Apr-18	Vanguard Investments Australia Ltd	Sell	31.06	Ordinary	(3,007)	(3,007)
24-Apr-18	Vanguard Investments Australia Ltd	Buy	31.79	Ordinary	8,988	8,988
27-Apr-18	Vanguard Investments Australia Ltd	Buy	32.25	Ordinary	12,236	12,236
3-May-18	Vanguard Investments Australia Ltd	Sell	32.65	Ordinary	(1,152)	(1,152)
4-May-18	Vanguard Investments Australia Ltd	Buy	32.30	Ordinary	5,436	5,436
4-May-18	Vanguard Investments Australia Ltd	Sell	32.30	Ordinary	(4,031)	(4,031)
8-May-18	Vanguard Investments Australia Ltd	Buy	31.96	Ordinary	9,415	9,415
11-May-18	Vanguard Investments Australia Ltd	Buy	33.52	Ordinary	320,426	320,426
11-May-18	Vanguard Investments Australia Ltd	Sell	33.52	Ordinary	(320,426)	(320,426)
17-May-18	Vanguard Investments Australia Ltd	Buy	34.29	Ordinary	535	535
17-May-18	Vanguard Investments Australia Ltd	Buy	34.29	Ordinary	11,233	11,233
17-May-18	Vanguard Investments Australia Ltd	Sell	34.29	Ordinary	(4,699)	(4,699)
18-May-18	Vanguard Investments Australia Ltd	Buy	34.31	Ordinary	6,475	6,475
22-May-18	Vanguard Investments Australia Ltd	Buy	34.21	Ordinary	7,400	7,400
23-May-18	Vanguard Investments Australia Ltd	Sell	33.80	Ordinary	(4,850)	(4,850)
25-May-18	Vanguard Investments Australia Ltd	Sell	32.86	Ordinary	(11,005)	(11,005)
29-May-18	Vanguard Investments Australia Ltd	Buy	31.80	Ordinary	13,669	13,669
29-May-18	Vanguard Investments Australia Ltd	Sell	31.80	Ordinary	(3,665)	(3,665)
29-May-18	Vanguard Investments Australia Ltd	Sell	31.80	Ordinary	(6,725)	(6,725)
30-May-18	Vanguard Investments Australia Ltd	Sell	31.67	Ordinary	(1,552)	(1,552)
31-May-18	Vanguard Investments Australia Ltd	Buy	32.41	Ordinary	6,363	6,363
31-May-18	Vanguard Investments Australia Ltd	Sell	32.40	Ordinary	(4,368)	(4,368)
1-Jun-18	Vanguard Investments Australia Ltd	Buy	32.14	Ordinary	21,263	21,263
1-Jun-18	Vanguard Investments Australia Ltd	Buy	32.14	Ordinary	18,495	18,495
4-Jun-18	Vanguard Investments Australia Ltd	Sell	32.23	Ordinary	(1,765)	(1,765)
8-Jun-18	Vanguard Investments Australia Ltd	Buy	33.48	Ordinary	6,363	6,363
12-Jun-18	Vanguard Investments Australia Ltd	Buy	33.87	Ordinary	213,691	213,691

This is Annexure A of 5 pages referred to in Form 603, Notice of initial substantial holder.

Signature

Date

14-Jun-18