

**Form 603**Corporations Act 2001  
Section 671B**Notice of initial substantial holder**

To Company Name/Scheme Santos Limited

ACN/ARSN 007 550 923

**1. Details of substantial holder (1)**

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)

ACN/ARSN (if applicable) N/A

The holder became a substantial holder on 8 March 2021

**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)
<b>Ordinary</b>	<b>106,253,575</b>	<b>106,253,575</b>	<b>5.101%</b>

**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
<b>Vanguard Group</b>	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 106,253,575</b>

**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
<b>Vanguard Group</b>	<b>Brown Brothers Harriman</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 5,006,084</b>
<b>Vanguard Group</b>	<b>BNY Mellon</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 5,250,780</b>
<b>Vanguard Group</b>	<b>Citibank</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 46,641</b>
<b>Vanguard Group</b>	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 53,223,481</b>
<b>Vanguard Group</b>	<b>State Street Bank and Trust Company</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 13,588,785</b>
<b>Vanguard Group</b>	<b>Various others</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 29,137,804</b>

**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
<b>See Annexure A</b>			

**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
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

print name Shawn Acker capacity Compliance Manager

sign here  date 11 March 2021

## 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 of its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

<b>To Company</b>	Santos Limited
<b>ACN/ARSN</b>	007 550 923
<b>Substantial Holder Name</b>	Vanguard Group
<b>ACN/ARSN</b>	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
9-Nov-2020	The Vanguard Group, Inc.	BUY	5.01	Ordinary	5,238	5,238
10-Nov-2020	The Vanguard Group, Inc.	SELL	5.62	Ordinary	(7,924)	(7,924)
10-Nov-2020	The Vanguard Group, Inc.	BUY	5.62	Ordinary	14,633	14,633
10-Nov-2020	The Vanguard Group, Inc.	SELL	5.57	Ordinary	(128,128)	(128,128)
11-Nov-2020	The Vanguard Group, Inc.	SELL	5.73	Ordinary	(455)	(455)
13-Nov-2020	The Vanguard Group, Inc.	BUY	5.76	Ordinary	20,390	20,390
13-Nov-2020	The Vanguard Group, Inc.	BUY	5.75	Ordinary	11,242	11,242
16-Nov-2020	The Vanguard Group, Inc.	BUY	5.91	Ordinary	11,976	11,976
17-Nov-2020	The Vanguard Group, Inc.	BUY	6.06	Ordinary	6,480	6,480
17-Nov-2020	The Vanguard Group, Inc.	BUY	6.01	Ordinary	20,694	20,694
18-Nov-2020	The Vanguard Group, Inc.	BUY	5.95	Ordinary	8,448	8,448
19-Nov-2020	The Vanguard Group, Inc.	BUY	6.00	Ordinary	653	653
19-Nov-2020	The Vanguard Group, Inc.	BUY	5.91	Ordinary	8,035	8,035
25-Nov-2020	The Vanguard Group, Inc.	BUY	6.53	Ordinary	1,080	1,080
25-Nov-2020	The Vanguard Group, Inc.	BUY	6.53	Ordinary	4,311	4,311
25-Nov-2020	The Vanguard Group, Inc.	SELL	6.36	Ordinary	(4,291,373)	(4,291,373)
26-Nov-2020	The Vanguard Group, Inc.	BUY	6.38	Ordinary	6,734	6,734
27-Nov-2020	The Vanguard Group, Inc.	SELL	6.25	Ordinary	(139,013)	(139,013)
1-Dec-2020	The Vanguard Group, Inc.	BUY	6.21	Ordinary	1,080	1,080
1-Dec-2020	The Vanguard Group, Inc.	BUY	6.21	Ordinary	2,160	2,160
2-Dec-2020	The Vanguard Group, Inc.	BUY	6.24	Ordinary	4,421	4,421
2-Dec-2020	The Vanguard Group, Inc.	BUY	6.24	Ordinary	14,312	14,312
3-Dec-2020	The Vanguard Group, Inc.	BUY	6.32	Ordinary	14,440	14,440
7-Dec-2020	The Vanguard Group, Inc.	BUY	6.57	Ordinary	3,364	3,364
8-Dec-2020	The Vanguard Group, Inc.	BUY	6.46	Ordinary	4,275	4,275
8-Dec-2020	The Vanguard Group, Inc.	BUY	6.46	Ordinary	15,696	15,696
9-Dec-2020	The Vanguard Group, Inc.	BUY	6.46	Ordinary	5,232	5,232
9-Dec-2020	The Vanguard Group, Inc.	SELL	6.50	Ordinary	(133,641)	(133,641)
10-Dec-2020	The Vanguard Group, Inc.	BUY	6.55	Ordinary	5,700	5,700
10-Dec-2020	The Vanguard Group, Inc.	SELL	6.44	Ordinary	(388)	(388)
11-Dec-2020	The Vanguard Group, Inc.	BUY	6.67	Ordinary	8,550	8,550
11-Dec-2020	The Vanguard Group, Inc.	SELL	6.67	Ordinary	(14,011)	(14,011)
11-Dec-2020	The Vanguard Group, Inc.	SELL	6.67	Ordinary	(30,882)	(30,882)
14-Dec-2020	The Vanguard Group, Inc.	BUY	6.57	Ordinary	1,750	1,750
15-Dec-2020	The Vanguard Group, Inc.	BUY	6.47	Ordinary	12,208	12,208
16-Dec-2020	The Vanguard Group, Inc.	BUY	6.32	Ordinary	3,367	3,367
16-Dec-2020	The Vanguard Group, Inc.	SELL	6.44	Ordinary	(54,811)	(54,811)
18-Dec-2020	The Vanguard Group, Inc.	BUY	6.36	Ordinary	3,348	3,348
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.37	Ordinary	(4,706)	(4,706)
18-Dec-2020	The Vanguard Group, Inc.	BUY	6.36	Ordinary	5,776	5,776
18-Dec-2020	The Vanguard Group, Inc.	BUY	6.36	Ordinary	1,444	1,444
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.37	Ordinary	(32,665)	(32,665)
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.37	Ordinary	(48,262)	(48,262)
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.37	Ordinary	(76,817)	(76,817)
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.37	Ordinary	(19,541)	(19,541)
18-Dec-2020	The Vanguard Group, Inc.	BUY	6.37	Ordinary	838	838
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.37	Ordinary	(393)	(393)
18-Dec-2020	The Vanguard Group, Inc.	SELL	6.36	Ordinary	(20,690)	(20,690)
21-Dec-2020	The Vanguard Group, Inc.	BUY	6.32	Ordinary	3,347	3,347
21-Dec-2020	The Vanguard Group, Inc.	SELL	6.32	Ordinary	(21,328)	(21,328)
22-Dec-2020	The Vanguard Group, Inc.	BUY	6.09	Ordinary	5,776	5,776
22-Dec-2020	The Vanguard Group, Inc.	BUY	6.09	Ordinary	8,600	8,600
23-Dec-2020	The Vanguard Group, Inc.	BUY	6.21	Ordinary	19,128	19,128
24-Dec-2020	The Vanguard Group, Inc.	BUY	6.37	Ordinary	998	998
24-Dec-2020	The Vanguard Group, Inc.	BUY	6.37	Ordinary	3,348	3,348
24-Dec-2020	The Vanguard Group, Inc.	BUY	6.34	Ordinary	44,072	44,072
30-Dec-2020	The Vanguard Group, Inc.	BUY	6.35	Ordinary	1,996	1,996
30-Dec-2020	The Vanguard Group, Inc.	SELL	6.34	Ordinary	(30,141)	(30,141)
30-Dec-2020	The Vanguard Group, Inc.	SELL	6.28	Ordinary	(148,110)	(148,110)
30-Dec-2020	The Vanguard Group, Inc.	SELL	6.34	Ordinary	(83,017)	(83,017)
31-Dec-2020	The Vanguard Group, Inc.	SELL	6.28	Ordinary	(24,803)	(24,803)

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-Dec-2020	The Vanguard Group, Inc.	BUY	6.27	Ordinary	2,489	2,489
31-Dec-2020	The Vanguard Group, Inc.	BUY	6.28	Ordinary	24,803	24,803
4-Jan-2021	The Vanguard Group, Inc.	BUY	6.33	Ordinary	22,379	22,379
5-Jan-2021	The Vanguard Group, Inc.	BUY	6.34	Ordinary	3,358	3,358
5-Jan-2021	The Vanguard Group, Inc.	BUY	6.42	Ordinary	8,664	8,664
5-Jan-2021	The Vanguard Group, Inc.	BUY	6.42	Ordinary	7,125	7,125
5-Jan-2021	The Vanguard Group, Inc.	BUY	6.42	Ordinary	8,550	8,550
5-Jan-2021	The Vanguard Group, Inc.	SELL	6.34	Ordinary	(1,130)	(1,130)
6-Jan-2021	The Vanguard Group, Inc.	BUY	6.47	Ordinary	998	998
6-Jan-2021	The Vanguard Group, Inc.	BUY	6.56	Ordinary	6,840	6,840
6-Jan-2021	The Vanguard Group, Inc.	SELL	6.55	Ordinary	(373)	(373)
7-Jan-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	36,100	36,100
7-Jan-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	5,700	5,700
7-Jan-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	30,780	30,780
8-Jan-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	11,506	11,506
8-Jan-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	4,620	4,620
8-Jan-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	18,625	18,625
8-Jan-2021	The Vanguard Group, Inc.	BUY	6.97	Ordinary	21,660	21,660
8-Jan-2021	The Vanguard Group, Inc.	BUY	6.97	Ordinary	11,400	11,400
8-Jan-2021	The Vanguard Group, Inc.	BUY	6.97	Ordinary	25,164	25,164
11-Jan-2021	The Vanguard Group, Inc.	BUY	7.20	Ordinary	3,358	3,358
12-Jan-2021	The Vanguard Group, Inc.	BUY	7.23	Ordinary	1,046	1,046
12-Jan-2021	The Vanguard Group, Inc.	BUY	7.32	Ordinary	5,130	5,130
12-Jan-2021	The Vanguard Group, Inc.	BUY	7.32	Ordinary	13,680	13,680
12-Jan-2021	The Vanguard Group, Inc.	SELL	7.30	Ordinary	(73,645)	(73,645)
13-Jan-2021	The Vanguard Group, Inc.	BUY	7.51	Ordinary	1,046	1,046
13-Jan-2021	The Vanguard Group, Inc.	BUY	7.50	Ordinary	6,410	6,410
13-Jan-2021	The Vanguard Group, Inc.	BUY	7.50	Ordinary	14,679	14,679
13-Jan-2021	The Vanguard Group, Inc.	BUY	7.51	Ordinary	5,587	5,587
14-Jan-2021	The Vanguard Group, Inc.	BUY	7.54	Ordinary	4,332	4,332
14-Jan-2021	The Vanguard Group, Inc.	BUY	7.54	Ordinary	5,128	5,128
18-Jan-2021	The Vanguard Group, Inc.	BUY	7.36	Ordinary	3,353	3,353
18-Jan-2021	The Vanguard Group, Inc.	BUY	7.27	Ordinary	29,652	29,652
19-Jan-2021	The Vanguard Group, Inc.	BUY	7.34	Ordinary	1,046	1,046
19-Jan-2021	The Vanguard Group, Inc.	BUY	7.34	Ordinary	33,799	33,799
21-Jan-2021	The Vanguard Group, Inc.	BUY	7.35	Ordinary	8,388	8,388
21-Jan-2021	The Vanguard Group, Inc.	BUY	7.35	Ordinary	15,390	15,390
22-Jan-2021	The Vanguard Group, Inc.	BUY	7.21	Ordinary	2,092	2,092
22-Jan-2021	The Vanguard Group, Inc.	BUY	7.21	Ordinary	6,704	6,704
22-Jan-2021	The Vanguard Group, Inc.	BUY	7.21	Ordinary	19,356	19,356
22-Jan-2021	The Vanguard Group, Inc.	SELL	7.17	Ordinary	(254)	(254)
22-Jan-2021	The Vanguard Group, Inc.	BUY	7.17	Ordinary	1,745	1,745
25-Jan-2021	The Vanguard Group, Inc.	BUY	7.16	Ordinary	18,873	18,873
27-Jan-2021	The Vanguard Group, Inc.	BUY	6.85	Ordinary	3,354	3,354
28-Jan-2021	The Vanguard Group, Inc.	BUY	6.72	Ordinary	1,046	1,046
28-Jan-2021	The Vanguard Group, Inc.	BUY	6.72	Ordinary	21,827	21,827
28-Jan-2021	The Vanguard Group, Inc.	BUY	6.78	Ordinary	12,582	12,582
28-Jan-2021	The Vanguard Group, Inc.	SELL	6.69	Ordinary	(600)	(600)
29-Jan-2021	The Vanguard Group, Inc.	BUY	6.51	Ordinary	2,092	2,092
29-Jan-2021	The Vanguard Group, Inc.	BUY	6.51	Ordinary	3,566	3,566
29-Jan-2021	The Vanguard Group, Inc.	BUY	6.45	Ordinary	7,220	7,220
29-Jan-2021	The Vanguard Group, Inc.	BUY	6.45	Ordinary	12,582	12,582
29-Jan-2021	The Vanguard Group, Inc.	BUY	6.45	Ordinary	5,130	5,130
1-Feb-2021	The Vanguard Group, Inc.	SELL	6.55	Ordinary	(9,414)	(9,414)
1-Feb-2021	The Vanguard Group, Inc.	BUY	6.55	Ordinary	4,726	4,726
3-Feb-2021	The Vanguard Group, Inc.	SELL	6.83	Ordinary	(736)	(736)
4-Feb-2021	The Vanguard Group, Inc.	BUY	6.75	Ordinary	2,787	2,787
4-Feb-2021	The Vanguard Group, Inc.	BUY	6.80	Ordinary	12,582	12,582
5-Feb-2021	The Vanguard Group, Inc.	BUY	6.91	Ordinary	1,046	1,046
5-Feb-2021	The Vanguard Group, Inc.	SELL	6.86	Ordinary	(7,983)	(7,983)
9-Feb-2021	The Vanguard Group, Inc.	BUY	7.02	Ordinary	7,237	7,237
10-Feb-2021	The Vanguard Group, Inc.	BUY	6.98	Ordinary	2,092	2,092
10-Feb-2021	The Vanguard Group, Inc.	BUY	6.94	Ordinary	2,888	2,888
10-Feb-2021	The Vanguard Group, Inc.	BUY	6.94	Ordinary	6,291	6,291
10-Feb-2021	The Vanguard Group, Inc.	BUY	6.94	Ordinary	6,840	6,840
10-Feb-2021	The Vanguard Group, Inc.	BUY	6.94	Ordinary	23,940	23,940
11-Feb-2021	The Vanguard Group, Inc.	BUY	6.92	Ordinary	1,046	1,046
11-Feb-2021	The Vanguard Group, Inc.	BUY	6.92	Ordinary	27,386	27,386

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-Feb-2021	The Vanguard Group, Inc.	BUY	6.91	Ordinary	11,552	11,552
11-Feb-2021	The Vanguard Group, Inc.	BUY	6.91	Ordinary	16,776	16,776
11-Feb-2021	The Vanguard Group, Inc.	BUY	6.91	Ordinary	6,840	6,840
12-Feb-2021	The Vanguard Group, Inc.	BUY	6.81	Ordinary	1,046	1,046
12-Feb-2021	The Vanguard Group, Inc.	BUY	6.89	Ordinary	7,220	7,220
12-Feb-2021	The Vanguard Group, Inc.	BUY	6.89	Ordinary	18,873	18,873
12-Feb-2021	The Vanguard Group, Inc.	BUY	6.89	Ordinary	5,130	5,130
16-Feb-2021	The Vanguard Group, Inc.	BUY	7.02	Ordinary	4,803	4,803
16-Feb-2021	The Vanguard Group, Inc.	SELL	7.02	Ordinary	(1,862)	(1,862)
18-Feb-2021	The Vanguard Group, Inc.	BUY	7.06	Ordinary	1,046	1,046
18-Feb-2021	The Vanguard Group, Inc.	BUY	7.20	Ordinary	46,102	46,102
18-Feb-2021	The Vanguard Group, Inc.	BUY	7.20	Ordinary	736	736
19-Feb-2021	The Vanguard Group, Inc.	BUY	6.82	Ordinary	2,092	2,092
19-Feb-2021	The Vanguard Group, Inc.	BUY	6.88	Ordinary	7,220	7,220
22-Feb-2021	The Vanguard Group, Inc.	SELL	6.75	Ordinary	(6,730)	(6,730)
22-Feb-2021	The Vanguard Group, Inc.	SELL	6.79	Ordinary	(38,974)	(38,974)
23-Feb-2021	The Vanguard Group, Inc.	SELL	7.15	Ordinary	(10,327)	(10,327)
24-Feb-2021	The Vanguard Group, Inc.	BUY	7.12	Ordinary	1,046	1,046
25-Feb-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	1,046	1,046
25-Feb-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	94	94
25-Feb-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	774	774
26-Feb-2021	The Vanguard Group, Inc.	BUY	7.23	Ordinary	1,046	1,046
26-Feb-2021	The Vanguard Group, Inc.	SELL	7.23	Ordinary	(38,706)	(38,706)
1-Mar-2021	The Vanguard Group, Inc.	BUY	7.41	Ordinary	5,230	5,230
1-Mar-2021	The Vanguard Group, Inc.	BUY	7.47	Ordinary	15,192	15,192
2-Mar-2021	The Vanguard Group, Inc.	BUY	7.28	Ordinary	1,046	1,046
2-Mar-2021	The Vanguard Group, Inc.	BUY	7.28	Ordinary	551	551
3-Mar-2021	The Vanguard Group, Inc.	BUY	7.39	Ordinary	4,240	4,240
3-Mar-2021	The Vanguard Group, Inc.	SELL	7.21	Ordinary	(633)	(633)
3-Mar-2021	The Vanguard Group, Inc.	BUY	7.39	Ordinary	5,532	5,532
4-Mar-2021	The Vanguard Group, Inc.	BUY	7.41	Ordinary	880	880
5-Mar-2021	The Vanguard Group, Inc.	BUY	7.76	Ordinary	1,046	1,046
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	13,124	13,124
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	23,463	23,463
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	1,459	1,459
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	17,126	17,126
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	159,693	159,693
8-Mar-2021	The Vanguard Group, Inc.	SELL	7.55	Ordinary	(73,524)	(73,524)
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	144,486	144,486
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	31,036	31,036
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	506,609	506,609
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	77,893	77,893
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	986,091	986,091
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	4,478	4,478
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	323,637	323,637
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	40,892	40,892
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	673	673
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	3,249	3,249
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	2,445	2,445
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	350	350
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	19,524	19,524
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	6,342	6,342
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	2,400	2,400
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	1,203	1,203
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	1,676	1,676
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	1,747	1,747
8-Mar-2021	The Vanguard Group, Inc.	BUY	7.33	Ordinary	228	228
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	5.62	Ordinary	27,795	27,795
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	5.76	Ordinary	86,178	86,178
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	5.76	Ordinary	27,642	27,642
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	6.06	Ordinary	16,300	16,300
17-Nov-2020	Vanguard Investments Australia Ltd.	SELL	6.06	Ordinary	(42,674)	(42,674)
23-Nov-2020	Vanguard Investments Australia Ltd.	BUY	6.12	Ordinary	19,584	19,584
25-Nov-2020	Vanguard Investments Australia Ltd.	BUY	6.53	Ordinary	47,299	47,299
26-Nov-2020	Vanguard Investments Australia Ltd.	SELL	6.38	Ordinary	(92,800)	(92,800)
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	6.38	Ordinary	239,875	239,875
27-Nov-2020	Vanguard Investments Australia Ltd.	SELL	6.25	Ordinary	(21,040)	(21,040)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	6.21	Ordinary	(19,535)	(19,535)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	6.21	Ordinary	(79,154)	(79,154)
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.21	Ordinary	24,465	24,465
2-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.24	Ordinary	26,128	26,128
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.29	Ordinary	286,961	286,961
4-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.36	Ordinary	16,330	16,330
9-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.50	Ordinary	1,045	1,045
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.68	Ordinary	21,268	21,268
15-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.39	Ordinary	16,400	16,400
16-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.32	Ordinary	16,410	16,410
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.50	Ordinary	21,333	21,333
22-Dec-2020	Vanguard Investments Australia Ltd.	BUY	6.11	Ordinary	33,120	33,120
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	6.43	Ordinary	16,510	16,510
5-Jan-2021	Vanguard Investments Australia Ltd.	SELL	6.34	Ordinary	(5,516)	(5,516)
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	6.47	Ordinary	19,788	19,788
14-Jan-2021	Vanguard Investments Australia Ltd.	BUY	7.50	Ordinary	26,144	26,144
15-Jan-2021	Vanguard Investments Australia Ltd.	SELL	7.42	Ordinary	(941)	(941)
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	7.34	Ordinary	8,170	8,170
21-Jan-2021	Vanguard Investments Australia Ltd.	BUY	7.47	Ordinary	5,717	5,717
25-Jan-2021	Vanguard Investments Australia Ltd.	SELL	7.16	Ordinary	(18,120)	(18,120)
27-Jan-2021	Vanguard Investments Australia Ltd.	SELL	6.85	Ordinary	(13,966)	(13,966)
27-Jan-2021	Vanguard Investments Australia Ltd.	BUY	6.85	Ordinary	37,122	37,122
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	21,281	21,281
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	71,051	71,051
29-Jan-2021	Vanguard Investments Australia Ltd.	SELL	6.51	Ordinary	(62,916)	(62,916)
2-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	22,960	22,960
4-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.75	Ordinary	12,859	12,859
5-Feb-2021	Vanguard Investments Australia Ltd.	SELL	6.91	Ordinary	(6,379)	(6,379)
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.91	Ordinary	63,566	63,566
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.91	Ordinary	4,908	4,908
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.98	Ordinary	21,255	21,255
11-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.92	Ordinary	11,459	11,459
19-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.82	Ordinary	14,165	14,165
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	6.75	Ordinary	(412,475)	(412,475)
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	6.75	Ordinary	16,430	16,430
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	7.24	Ordinary	(11,906)	(11,906)
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	7.23	Ordinary	(5,985)	(5,985)
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	7.23	Ordinary	(31,045)	(31,045)
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	16,470	16,470
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	94,875	94,875
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	32,940	32,940
5-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	16,600	16,600
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	38,598	38,598
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	70,468	70,468
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	136,260	136,260
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	65,454	65,454
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	55,271	55,271
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	25,334	25,334
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	53,552	53,552
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	288,045	288,045
8-Mar-2021	Vanguard Investments Australia Ltd.	SELL	7.55	Ordinary	(12,887)	(12,887)
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	2,397	2,397
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	140,015	140,015
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	357,649	357,649
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	7.33	Ordinary	897,133	897,133

This is Annexure A of 4 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 11 March 2021