

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme PERPETUAL LTD

ACN/ARSN 000 431 827

1. Details of substantial holder(1)

Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable) to this form)

There was a change in the interests of the
substantial holder on 09 / 01 / 2020

The previous notice was given to the company on 19 / 03 / 2019

The previous notice was dated 15 / 03 / 2019

2. Previous and present voting power

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

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ord	5,831,448	12.52	6,346,101	13.54

3. Changes in relevant interests

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

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

4. Present relevant interests

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
	See Annexure B				

5. Changes in association

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

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

6. Addresses

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

Name	Address
Annexure C	

Signature

print name Maria Tricarico

capacity *Authorised Signatory

sign here

date 13 / 01 / 2020

* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant 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 6 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 person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was 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.
- (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) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

This is Annexure A of 14 pages referred to in form 604 Notice of change of interests of substantial shareholder

13-Jan-20

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

PERPETUAL LTD (PPT)							
Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	41.74	AUD	ORD	2,306	2,306
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	41.40	AUD	ORD	3,199	3,199
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.33	AUD	ORD	395	395
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.35	AUD	ORD	540	540
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	41.35	AUD	ORD	-833	-833
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	210	210
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.87	AUD	ORD	-316	-316
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	40.88	AUD	ORD	-7,103	-7,103
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	40.88	AUD	ORD	-6,624	-6,624
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.87	AUD	ORD	-127	-127
20-Mar-19	BlackRock Fund Advisors	on mkt sell	40.82	AUD	ORD	-337	-337
20-Mar-19	BlackRock Fund Advisors	on mkt sell	40.82	AUD	ORD	-20,129	-20,129
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,600	1,600
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,688	16,688
21-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.14	AUD	ORD	-188	-188
21-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.14	AUD	ORD	-78	-78
21-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	40.14	AUD	ORD	-3,335	-3,335
22-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.22	AUD	ORD	-412	-412
22-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.22	AUD	ORD	-210	-210
22-Mar-19	BlackRock Fund Advisors	on mkt buy	40.16	AUD	ORD	42	42
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	40.26	AUD	ORD	6,428	6,428
25-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.16	AUD	ORD	-166	-166
25-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.16	AUD	ORD	-234	-234
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	38.98	AUD	ORD	427	427
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,440	1,440
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	520	520
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.09	AUD	ORD	-422	-422
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.09	AUD	ORD	-198	-198
26-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.09	AUD	ORD	-2,275	-2,275
26-Mar-19	BlackRock Fund Advisors	on mkt buy	38.71	AUD	ORD	125	125
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.76	AUD	ORD	-7,241	-7,241
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.76	AUD	ORD	-4,893	-4,893
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.76	AUD	ORD	-9,786	-9,786
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.77	AUD	ORD	-361	-361
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.77	AUD	ORD	-327	-327
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	38.80	AUD	ORD	4,124	4,124

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	38.57	AUD	ORD	-9,410	-9,410
28-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.44	AUD	ORD	-341	-341
28-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.44	AUD	ORD	-213	-213
28-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.44	AUD	ORD	-2,973	-2,973
28-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,920	11,920
29-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	38.68	AUD	ORD	-21,054	-21,054
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.94	AUD	ORD	-140	-140
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.94	AUD	ORD	-142	-142
29-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	38.68	AUD	ORD	58	58
29-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.68	AUD	ORD	2,185	2,185
29-Mar-19	BlackRock Fund Advisors	on mkt buy	38.68	AUD	ORD	4,953	4,953
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	280	280
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.00	AUD	ORD	-118	-118
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.00	AUD	ORD	-58	-58
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.34	AUD	ORD	-67	-67
02-Apr-19	BlackRock Fund Advisors	on mkt buy	39.25	AUD	ORD	139	139
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	140	140
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	40.28	AUD	ORD	-5,546	-5,546
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.07	AUD	ORD	270	270
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.96	AUD	ORD	432	432
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.96	AUD	ORD	255	255
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.96	AUD	ORD	255	255
04-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	39.96	AUD	ORD	-3,238	-3,238
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,351	8,351
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,544	9,544
08-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.75	AUD	ORD	77	77
08-Apr-19	BlackRock Fund Advisors	on mkt buy	39.85	AUD	ORD	9,571	9,571
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	168	168
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,400	1,400
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.67	AUD	ORD	203	203
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.67	AUD	ORD	404	404
09-Apr-19	BlackRock Fund Advisors	on mkt buy	39.73	AUD	ORD	88	88
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.70	AUD	ORD	162	162
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	39.70	AUD	ORD	431	431
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.70	AUD	ORD	6,346	6,346
09-Apr-19	BlackRock Asset Management Deutschland AG	on mkt buy	39.70	AUD	ORD	2,868	2,868
09-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-880	-880
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.01	AUD	ORD	1,723	1,723
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.01	AUD	ORD	1,093	1,093
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	40.48	AUD	ORD	166	166
11-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.48	AUD	ORD	1,774	1,774
11-Apr-19	BlackRock Fund Advisors	on mkt buy	40.66	AUD	ORD	7,686	7,686
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	42.09	AUD	ORD	112	112
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	43.19	AUD	ORD	-6,474	-6,474
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,160	1,160

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
15-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	41.46	AUD	ORD	101	101
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,600	1,600
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	40.80	AUD	ORD	3,235	3,235
17-Apr-19	BlackRock Fund Advisors	on mkt buy	40.80	AUD	ORD	10,866	10,866
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	40.93	AUD	ORD	431	431
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	40.93	AUD	ORD	3,236	3,236
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	11,535	11,535
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	280	280
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-880	-880
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-676	-676
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.14	AUD	ORD	725	725
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.14	AUD	ORD	1,328	1,328
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.29	AUD	ORD	432	432
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.29	AUD	ORD	3,739	3,739
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	182	182
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,722	1,722
26-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.95	AUD	ORD	-46	-46
26-Apr-19	BlackRock Fund Advisors	on mkt buy	41.10	AUD	ORD	7,886	7,886
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,312	1,312
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	40.62	AUD	ORD	-44	-44
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.92	AUD	ORD	216	216
02-May-19	BlackRock Fund Advisors	on mkt buy	40.84	AUD	ORD	45	45
02-May-19	BlackRock Advisors (UK) Limited	on mkt buy	40.38	AUD	ORD	58	58
03-May-19	BlackRock Fund Advisors	on mkt buy	40.26	AUD	ORD	45	45
06-May-19	BlackRock Asset Management Deutschland AG	on mkt buy	39.88	AUD	ORD	1,898	1,898
07-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.63	AUD	ORD	1,386	1,386
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	308	308
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	528	528
08-May-19	BlackRock Fund Advisors	on mkt buy	40.19	AUD	ORD	7,520	7,520
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,672	9,672
09-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.38	AUD	ORD	104	104
10-May-19	BlackRock (Netherlands) B.V.	on mkt buy	39.75	AUD	ORD	481	481
13-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.12	AUD	ORD	765	765
13-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	552	552
14-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.27	AUD	ORD	1,218	1,218
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	154	154
15-May-19	BlackRock Asset Management Deutschland AG	on mkt buy	39.58	AUD	ORD	1,899	1,899
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	39.58	AUD	ORD	-3,238	-3,238
15-May-19	BlackRock Fund Advisors	on mkt buy	39.58	AUD	ORD	5,721	5,721
15-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	645	645
15-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,266	7,266
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	6,533	6,533
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-6,533	-6,533
21-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.35	AUD	ORD	471	471
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	40.36	AUD	ORD	432	432
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	40.36	AUD	ORD	58	58
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	40.36	AUD	ORD	5,591	5,591
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	40.81	AUD	ORD	58	58
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	40.81	AUD	ORD	948	948
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	40.81	AUD	ORD	3,003	3,003
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	40.81	AUD	ORD	-3,003	-3,003
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	645	645

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,290	1,290
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,380	3,380
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.17	AUD	ORD	384	384
23-May-19	BlackRock Fund Advisors	on mkt buy	41.36	AUD	ORD	11,660	11,660
23-May-19	BlackRock Fund Advisors	on mkt buy	41.37	AUD	ORD	6,160	6,160
24-May-19	BlackRock Fund Advisors	on mkt buy	40.80	AUD	ORD	11,330	11,330
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	40.80	AUD	ORD	946	946
24-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.80	AUD	ORD	686	686
24-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,540	8,540
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.76	AUD	ORD	296	296
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	42.04	AUD	ORD	-130	-130
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	42.04	AUD	ORD	-205	-205
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	42.04	AUD	ORD	-383	-383
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	42.04	AUD	ORD	-1,465	-1,465
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	42.04	AUD	ORD	134	134
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	42.04	AUD	ORD	1,455	1,455
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	41.31	AUD	ORD	-3,268	-3,268
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	41.31	AUD	ORD	116	116
29-May-19	BlackRock Fund Advisors	on mkt buy	41.31	AUD	ORD	8,364	8,364
30-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.60	AUD	ORD	334	334
30-May-19	BlackRock Fund Advisors	on mkt buy	40.47	AUD	ORD	3,433	3,433
30-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,368	1,368
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	40.01	AUD	ORD	2,520	2,520
03-Jun-19	BlackRock Fund Advisors	on mkt buy	39.86	AUD	ORD	96	96
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.70	AUD	ORD	-1,517	-1,517
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	989	989
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.43	AUD	ORD	-1,108	-1,108
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.43	AUD	ORD	-1,515	-1,515
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	40.39	AUD	ORD	-3,268	-3,268
11-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.96	AUD	ORD	469	469
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	40.88	AUD	ORD	174	174
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	41.08	AUD	ORD	3,137	3,137
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	41.25	AUD	ORD	-11,052	-11,052
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-430	-430
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	41.44	AUD	ORD	92	92
13-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.44	AUD	ORD	2,842	2,842
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,028	1,028
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	41.20	AUD	ORD	-3,971	-3,971
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	41.21	AUD	ORD	-2,034	-2,034
14-Jun-19	BlackRock Asset Management Deutschland AG	on mkt sell	41.12	AUD	ORD	-2,957	-2,957
17-Jun-19	BlackRock Fund Advisors	on mkt sell	40.98	AUD	ORD	-467	-467
17-Jun-19	BlackRock Fund Advisors	on mkt sell	40.98	AUD	ORD	-7,589	-7,589
18-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.29	AUD	ORD	636	636
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.31	AUD	ORD	378	378
21-Jun-19	BlackRock Fund Advisors	on mkt buy	42.62	AUD	ORD	28,244	28,244
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	42.62	AUD	ORD	-12,239	-12,239
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.62	AUD	ORD	1,020	1,020

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	416	416
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	273	273
25-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.25	AUD	ORD	685	685
25-Jun-19	BlackRock Fund Advisors	on mkt buy	42.16	AUD	ORD	75	75
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	42.06	AUD	ORD	58	58
26-Jun-19	BlackRock Fund Advisors	on mkt buy	41.76	AUD	ORD	99	99
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	41.76	AUD	ORD	-1,837	-1,837
27-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.27	AUD	ORD	432	432
28-Jun-19	BlackRock Fund Advisors	on mkt buy	42.60	AUD	ORD	35	35
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	42.24	AUD	ORD	-1,869	-1,869
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	169	169
01-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	43.06	AUD	ORD	-1,527	-1,527
01-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-516	-516
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	43.07	AUD	ORD	-324	-324
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	42.79	AUD	ORD	174	174
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.79	AUD	ORD	1,297	1,297
03-Jul-19	BlackRock Fund Advisors	on mkt buy	42.63	AUD	ORD	90	90
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	43.34	AUD	ORD	-1,470	-1,470
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	43.50	AUD	ORD	-3,204	-3,204
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-722	-722
04-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	43.88	AUD	ORD	-3,204	-3,204
05-Jul-19	BlackRock Asset Management Deutschland AG	on mkt buy	44.43	AUD	ORD	2,739	2,739
08-Jul-19	BlackRock Fund Advisors	on mkt buy	44.08	AUD	ORD	75	75
08-Jul-19	BlackRock Fund Advisors	on mkt buy	43.80	AUD	ORD	11,443	11,443
09-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	43.46	AUD	ORD	-657	-657
09-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	43.46	AUD	ORD	-127	-127
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,301	-1,301
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	44.05	AUD	ORD	648	648
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.50	AUD	ORD	170	170
16-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.50	AUD	ORD	1,091	1,091
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	39.41	AUD	ORD	311	311
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	39.41	AUD	ORD	-3,204	-3,204
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	403	403
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	38.60	AUD	ORD	202	202
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.58	AUD	ORD	2,835	2,835
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	38.58	AUD	ORD	1,288	1,288
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	38.58	AUD	ORD	-290	-290
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	38.23	AUD	ORD	59	59
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.19	AUD	ORD	-373	-373
19-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	37.68	AUD	ORD	214	214
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	37.70	AUD	ORD	-3,207	-3,207
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	156	156
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	37.46	AUD	ORD	-933	-933
23-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.69	AUD	ORD	-340	-340
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	37.93	AUD	ORD	58	58
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	38.20	AUD	ORD	262	262
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.57	AUD	ORD	-1,220	-1,220
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.86	AUD	ORD	378	378

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25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.02	AUD	ORD	90	90
25-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.00	AUD	ORD	-606	-606
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	38.75	AUD	ORD	202	202
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	38.80	AUD	ORD	3,206	3,206
29-Jul-19	BlackRock Asset Management Deutschland AG	on mkt buy	38.99	AUD	ORD	1,896	1,896
29-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	38.97	AUD	ORD	88	88
31-Jul-19	BlackRock Fund Advisors	on mkt buy	38.72	AUD	ORD	64	64
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.23	AUD	ORD	44	44
31-Jul-19	BlackRock Fund Advisors	on mkt buy	39.51	AUD	ORD	12,643	12,643
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.51	AUD	ORD	22,383	22,383
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	39.14	AUD	ORD	58	58
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.75	AUD	ORD	129	129
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	38.75	AUD	ORD	3,207	3,207
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	38.80	AUD	ORD	3,207	3,207
01-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,603	8,603
02-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.36	AUD	ORD	129	129
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	38.36	AUD	ORD	309	309
02-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,145	6,145
05-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.22	AUD	ORD	129	129
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	37.79	AUD	ORD	3,207	3,207
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	37.22	AUD	ORD	116	116
06-Aug-19	BlackRock Asset Management Deutschland AG	on mkt buy	36.38	AUD	ORD	1,897	1,897
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.38	AUD	ORD	378	378
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.58	AUD	ORD	541	541
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.50	AUD	ORD	-1,385	-1,385
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.50	AUD	ORD	-249	-249
08-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.51	AUD	ORD	-152	-152
08-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.53	AUD	ORD	943	943
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	36.68	AUD	ORD	3,207	3,207
09-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.95	AUD	ORD	-91	-91
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.01	AUD	ORD	432	432
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.01	AUD	ORD	129	129
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.01	AUD	ORD	982	982
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.01	AUD	ORD	-1,248	-1,248
12-Aug-19	BlackRock Asset Management Deutschland AG	on mkt buy	36.77	AUD	ORD	1,898	1,898
12-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.71	AUD	ORD	-78	-78
13-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.64	AUD	ORD	390	390
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.64	AUD	ORD	-123	-123
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	36.53	AUD	ORD	-309	-309
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.83	AUD	ORD	-1,622	-1,622
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.92	AUD	ORD	258	258
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.82	AUD	ORD	-289	-289
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.63	AUD	ORD	428	428

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15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.59	AUD	ORD	-274	-274
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.35	AUD	ORD	-233	-233
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,206	-17,206
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.74	AUD	ORD	-194	-194
19-Aug-19	BlackRock Fund Advisors	on mkt buy	35.61	AUD	ORD	65	65
19-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	36.05	AUD	ORD	116	116
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.42	AUD	ORD	-75	-75
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.43	AUD	ORD	432	432
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.27	AUD	ORD	-91	-91
21-Aug-19	BlackRock Fund Advisors	on mkt buy	36.18	AUD	ORD	5,391	5,391
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.37	AUD	ORD	162	162
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.81	AUD	ORD	-53	-53
22-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.86	AUD	ORD	669	669
22-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-904	-904
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.19	AUD	ORD	-165	-165
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.06	AUD	ORD	270	270
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.66	AUD	ORD	-284	-284
26-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	34.77	AUD	ORD	8,771	8,771
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.79	AUD	ORD	-345	-345
27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.75	AUD	ORD	129	129
27-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,290	-12,290
27-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,603	-8,603
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.01	AUD	ORD	-374	-374
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.03	AUD	ORD	-1,248	-1,248
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.01	AUD	ORD	-68	-68
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	35.15	AUD	ORD	-309	-309
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ORD	-49	-49
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ORD	-337	-337
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.99	AUD	ORD	292	292
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.07	AUD	ORD	387	387
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.64	AUD	ORD	-223	-223
30-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.55	AUD	ORD	328	328
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	299	299
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,267	-28,267
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,603	-8,603
02-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.73	AUD	ORD	-59	-59
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.30	AUD	ORD	324	324
04-Sep-19	BlackRock Fund Advisors	on mkt buy	34.36	AUD	ORD	65	65
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.56	AUD	ORD	-45	-45
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.11	AUD	ORD	-65	-65
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.12	AUD	ORD	1,984	1,984
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	35.14	AUD	ORD	-696	-696
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	260	260
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	156	156
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-904	-904

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06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.68	AUD	ORD	-142	-142
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.80	AUD	ORD	648	648
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	35.80	AUD	ORD	-348	-348
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.80	AUD	ORD	258	258
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	208	208
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-904	-904
09-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.75	AUD	ORD	-106	-106
09-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	35.82	AUD	ORD	-1,543	-1,543
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,135	-17,135
10-Sep-19	BlackRock Asset Management Deutschland AG	on mkt sell	35.92	AUD	ORD	-3,798	-3,798
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.87	AUD	ORD	1,074	1,074
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.92	AUD	ORD	432	432
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	234	234
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.35	AUD	ORD	6,369	6,369
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.52	AUD	ORD	7,445	7,445
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	36.52	AUD	ORD	-3,757	-3,757
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	91	91
12-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.40	AUD	ORD	2,269	2,269
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	36.37	AUD	ORD	-309	-309
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.63	AUD	ORD	169	169
13-Sep-19	BlackRock Fund Advisors	on mkt buy	36.42	AUD	ORD	66	66
13-Sep-19	BlackRock Asset Management Deutschland AG	on mkt sell	36.62	AUD	ORD	-1,408	-1,408
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	91	91
17-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.67	AUD	ORD	2,967	2,967
17-Sep-19	BlackRock Fund Advisors	on mkt buy	36.89	AUD	ORD	10,586	10,586
19-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.87	AUD	ORD	619	619
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.77	AUD	ORD	378	378
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	36.77	AUD	ORD	905	905
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	36.77	AUD	ORD	1,684	1,684
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.77	AUD	ORD	-1,389	-1,389
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.77	AUD	ORD	484	484
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.77	AUD	ORD	905	905
24-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.17	AUD	ORD	2,259	2,259
24-Sep-19	BlackRock Fund Advisors	on mkt sell	38.25	AUD	ORD	-642	-642
24-Sep-19	BlackRock Fund Advisors	on mkt sell	38.25	AUD	ORD	-21,920	-21,920
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.50	AUD	ORD	486	486
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.50	AUD	ORD	129	129
26-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.02	AUD	ORD	129	129
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	37.93	AUD	ORD	-7,851	-7,851
30-Sep-19	BlackRock Fund Advisors	on mkt buy	37.93	AUD	ORD	93	93
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.44	AUD	ORD	540	540
30-Sep-19	BlackRock Fund Advisors	on mkt buy	37.43	AUD	ORD	5,076	5,076
30-Sep-19	BlackRock Fund Advisors	on mkt buy	37.43	AUD	ORD	3,891	3,891
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	37.44	AUD	ORD	58	58

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01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.13	AUD	ORD	1,757	1,757
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.21	AUD	ORD	54	54
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.21	AUD	ORD	258	258
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	38.21	AUD	ORD	-3,228	-3,228
02-Oct-19	BlackRock Fund Advisors	on mkt buy	37.57	AUD	ORD	91	91
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.01	AUD	ORD	1,690	1,690
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	36.91	AUD	ORD	-310	-310
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	36.91	AUD	ORD	-3,227	-3,227
02-Oct-19	BlackRock Fund Advisors	on mkt buy	36.91	AUD	ORD	5,747	5,747
03-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.98	AUD	ORD	387	387
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	36.09	AUD	ORD	-12,904	-12,904
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.39	AUD	ORD	1,512	1,512
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	36.40	AUD	ORD	58	58
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-699	-699
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-345	-345
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,374	-7,374
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	9,614	9,614
08-Oct-19	BlackRock Fund Advisors	on mkt buy	36.66	AUD	ORD	64	64
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.92	AUD	ORD	1,242	1,242
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	35.92	AUD	ORD	5,643	5,643
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.11	AUD	ORD	129	129
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.11	AUD	ORD	6,473	6,473
10-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.43	AUD	ORD	1,493	1,493
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	35.44	AUD	ORD	-1,852	-1,852
11-Oct-19	BlackRock Asset Management Deutschland AG	on mkt buy	35.24	AUD	ORD	2,277	2,277
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,603	-8,603
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	600	600
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,440	1,440
14-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.83	AUD	ORD	129	129
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	33.89	AUD	ORD	58	58
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.47	AUD	ORD	-2,413	-2,413
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.64	AUD	ORD	162	162
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.75	AUD	ORD	270	270
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	34.75	AUD	ORD	-1,240	-1,240
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.11	AUD	ORD	258	258
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.40	AUD	ORD	-6,844	-6,844
23-Oct-19	BlackRock Fund Advisors	on mkt buy	35.56	AUD	ORD	10,732	10,732
24-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.13	AUD	ORD	-780	-780
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,330	-1,330
25-Oct-19	BlackRock Asset Management Deutschland AG	on mkt buy	36.00	AUD	ORD	1,902	1,902
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.42	AUD	ORD	-410	-410
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.63	AUD	ORD	324	324
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.32	AUD	ORD	-6,904	-6,904
30-Oct-19	BlackRock Fund Advisors	on mkt buy	36.39	AUD	ORD	5,294	5,294

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31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.92	AUD	ORD	-691	-691
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.92	AUD	ORD	-272	-272
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	35.93	AUD	ORD	58	58
01-Nov-19	BlackRock Fund Advisors	on mkt buy	35.77	AUD	ORD	66	66
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	225	225
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,170	1,170
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.74	AUD	ORD	129	129
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	36.74	AUD	ORD	324	324
05-Nov-19	BlackRock Fund Advisors	on mkt buy	37.00	AUD	ORD	67	67
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.53	AUD	ORD	-623	-623
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.49	AUD	ORD	432	432
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.49	AUD	ORD	258	258
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.49	AUD	ORD	258	258
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	37.49	AUD	ORD	-1,651	-1,651
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,234	17,234
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.34	AUD	ORD	258	258
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,125	1,125
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.30	AUD	ORD	-179	-179
07-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	38.30	AUD	ORD	-222	-222
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.79	AUD	ORD	-49	-49
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.79	AUD	ORD	-167	-167
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	360	360
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	900	900
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,772	14,772
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,310	12,310
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-986	-986
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,444	-1,444
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,551	1,551
11-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.26	AUD	ORD	-47	-47
11-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.26	AUD	ORD	-236	-236
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.46	AUD	ORD	108	108
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,155	6,155
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.13	AUD	ORD	-392	-392
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.13	AUD	ORD	-684	-684
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,620	1,620
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.15	AUD	ORD	3,248	3,248
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.14	AUD	ORD	-94	-94
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.14	AUD	ORD	-395	-395
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	690	690
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.17	AUD	ORD	-4,807	-4,807
13-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.08	AUD	ORD	58	58
14-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	39.25	AUD	ORD	1,904	1,904
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.15	AUD	ORD	-96	-96
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.15	AUD	ORD	-428	-428
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.15	AUD	ORD	-490	-490

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.25	AUD	ORD	324	324
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.25	AUD	ORD	129	129
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.25	AUD	ORD	580	580
14-Nov-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-168	-168
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.69	AUD	ORD	-127	-127
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.69	AUD	ORD	-456	-456
15-Nov-19	BlackRock Fund Advisors	on mkt buy	39.70	AUD	ORD	20,704	20,704
15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.98	AUD	ORD	432	432
18-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	470	470
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.45	AUD	ORD	-481	-481
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.45	AUD	ORD	-1,054	-1,054
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.32	AUD	ORD	432	432
18-Nov-19	BlackRock Fund Advisors	on mkt buy	39.62	AUD	ORD	7,842	7,842
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.34	AUD	ORD	-430	-430
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.34	AUD	ORD	-707	-707
19-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,440	1,440
19-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.46	AUD	ORD	-278	-278
19-Nov-19	BlackRock Fund Advisors	on mkt buy	39.54	AUD	ORD	7,863	7,863
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.45	AUD	ORD	-289	-289
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.45	AUD	ORD	-365	-365
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.58	AUD	ORD	432	432
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.58	AUD	ORD	320	320
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.58	AUD	ORD	58	58
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.58	AUD	ORD	58	58
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.58	AUD	ORD	871	871
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,124	26,124
21-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	38.79	AUD	ORD	1,903	1,903
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.94	AUD	ORD	-335	-335
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.94	AUD	ORD	-357	-357
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.79	AUD	ORD	258	258
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.79	AUD	ORD	216	216
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	38.79	AUD	ORD	6,496	6,496
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,488	2,488
22-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	39.00	AUD	ORD	1,903	1,903
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.98	AUD	ORD	-269	-269
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	38.98	AUD	ORD	-344	-344
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	585	585
25-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.42	AUD	ORD	-298	-298
25-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.42	AUD	ORD	-297	-297
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.77	AUD	ORD	-108	-108
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.77	AUD	ORD	-218	-218
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.67	AUD	ORD	224	224
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	39.70	AUD	ORD	-126	-126
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.70	AUD	ORD	5	5

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
26-Nov-19	BlackRock Fund Advisors	on mkt buy	39.70	AUD	ORD	121	121
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.70	AUD	ORD	334	334
26-Nov-19	BlackRock Fund Advisors	on mkt buy	39.70	AUD	ORD	7,187	7,187
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,170	1,170
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.69	AUD	ORD	-160	-160
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.69	AUD	ORD	-270	-270
27-Nov-19	BlackRock Fund Advisors	on mkt buy	39.50	AUD	ORD	174	174
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,330	2,330
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,165	1,165
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	736	736
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.90	AUD	ORD	593	593
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.92	AUD	ORD	432	432
28-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	39.92	AUD	ORD	3,248	3,248
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	39.73	AUD	ORD	-695	-695
29-Nov-19	BlackRock Asset Management Canada Limited	on mkt sell	39.73	AUD	ORD	-326	-326
29-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	932	932
02-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.73	AUD	ORD	720	720
02-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-14,734	-14,734
03-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.16	AUD	ORD	3,026	3,026
03-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	39.23	AUD	ORD	320	320
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,464	7,464
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,170	1,170
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.92	AUD	ORD	2,486	2,486
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.92	AUD	ORD	6,952	6,952
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.99	AUD	ORD	54	54
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	37.99	AUD	ORD	324	324
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	37.99	AUD	ORD	3,248	3,248
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	37.99	AUD	ORD	-9,744	-9,744
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.99	AUD	ORD	-3,372	-3,372
04-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	468	468
04-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	936	936
05-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.35	AUD	ORD	2,931	2,931
05-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	38.47	AUD	ORD	129	129
05-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	936	936
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	39.07	AUD	ORD	86	86
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.13	AUD	ORD	1,635	1,635
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.13	AUD	ORD	4,939	4,939
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.13	AUD	ORD	216	216
06-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,032	1,032
06-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,952	9,952
09-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.26	AUD	ORD	540	540
09-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	705	705
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	11,092	11,092
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-11,092	-11,092
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.25	AUD	ORD	2,116	2,116
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.16	AUD	ORD	648	648
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	39.16	AUD	ORD	-3,248	-3,248
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	39.25	AUD	ORD	12,992	12,992

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.16	AUD	ORD	387	387
10-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,404	1,404
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	39.93	AUD	ORD	61	61
11-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	39.93	AUD	ORD	6,851	6,851
11-Dec-19	BlackRock Asset Management North Asia Limited	in specie	n/a	AUD	ORD	-222	-222
12-Dec-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	2,111	2,111
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	40.00	AUD	ORD	1,649	1,649
12-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.00	AUD	ORD	702	702
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	40.00	AUD	ORD	3,231	3,231
13-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	40.76	AUD	ORD	258	258
13-Dec-19	BlackRock Asset Management Deutschland AG	on mkt sell	40.76	AUD	ORD	-965	-965
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	41.47	AUD	ORD	320	320
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	41.47	AUD	ORD	640	640
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	41.47	AUD	ORD	122	122
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	41.47	AUD	ORD	-3,231	-3,231
16-Dec-19	BlackRock Fund Advisors	on mkt sell	41.47	AUD	ORD	-142	-142
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.88	AUD	ORD	540	540
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	41.88	AUD	ORD	320	320
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.18	AUD	ORD	320	320
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	42.18	AUD	ORD	-6,460	-6,460
19-Dec-19	BlackRock Asset Management Deutschland AG	on mkt buy	42.16	AUD	ORD	1,880	1,880
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.16	AUD	ORD	320	320
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.16	AUD	ORD	320	320
19-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,848	9,848
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.82	AUD	ORD	1,099	1,099
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.81	AUD	ORD	3,555	3,555
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	41.87	AUD	ORD	-5,510	-5,510
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.87	AUD	ORD	1,999	1,999
20-Dec-19	BlackRock Fund Advisors	on mkt buy	41.87	AUD	ORD	68	68
20-Dec-19	BlackRock Fund Advisors	on mkt buy	41.87	AUD	ORD	5,018	5,018
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.87	AUD	ORD	185	185
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.09	AUD	ORD	320	320
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.09	AUD	ORD	3,225	3,225
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.09	AUD	ORD	122	122
23-Dec-19	BlackRock Asset Management Canada Limited	on mkt sell	42.09	AUD	ORD	-767	-767
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,611	2,611
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,330	12,330
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,035	1,035
24-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.04	AUD	ORD	108	108
24-Dec-19	BlackRock Fund Advisors	on mkt buy	42.04	AUD	ORD	77	77
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,864	9,864
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,864	9,864
27-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.13	AUD	ORD	324	324
30-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.11	AUD	ORD	360	360
30-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	42.11	AUD	ORD	318	318
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.11	AUD	ORD	3,226	3,226
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.11	AUD	ORD	61	61
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	42.11	AUD	ORD	61	61
31-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	41.12	AUD	ORD	318	318
31-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,796	14,796
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	41.02	AUD	ORD	486	486

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	41.02	AUD	ORD	108	108
03-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	41.38	AUD	ORD	1,881	1,881
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	41.38	AUD	ORD	322	322
03-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.38	AUD	ORD	-519	-519
06-Jan-20	BlackRock Fund Advisors	on mkt buy	41.17	AUD	ORD	22,711	22,711
06-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	458	458
06-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,952	9,952
07-Jan-20	BlackRock Fund Advisors	on mkt buy	42.06	AUD	ORD	10,215	10,215
07-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	42.22	AUD	ORD	-702	-702
07-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	42.22	AUD	ORD	61	61
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,368	27,368
08-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	41.68	AUD	ORD	3,762	3,762
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	41.63	AUD	ORD	610	610
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	41.68	AUD	ORD	6,452	6,452
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	41.68	AUD	ORD	-3,226	-3,226
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	920	920
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,196	11,196
09-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	42.96	AUD	ORD	-702	-702
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	42.96	AUD	ORD	3,226	3,226
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	42.96	AUD	ORD	122	122
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,708	8,708
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,952	9,952

13-Jan-20

Maria Tricarico,
Authorised Signatory

Date

4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD6,533	6,533	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD49,476	49,476	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD615,301	615,301	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD4,738	4,738	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	38,719	38,719	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Deutschland AG	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	305,089	305,089	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	CITI-CITIBANK, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	35	35	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,627	2,627	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,220,682	4,220,682	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,890	3,890	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	6,952	6,952	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,607	3,607	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	275,351	275,351	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	242	242	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	27,904	27,904	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	186	186	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	12,552	12,552	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,026	3,026	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	60,781	60,781	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	43,701	43,701	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	219,791	219,791	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	42,558	42,558	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET SINGAPORE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,296	2,296	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	57,073	57,073	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	17,842	17,842	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	22,391	22,391	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,951	4,951	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	30,149	30,149	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	24,288	24,288	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	29,342	29,342	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,101	11,101	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 2,833	2,833	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ORD 10,444	10,444	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ORD 24,688	24,688	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	ORD 164,962	164,962	Subsidiary of BlackRock, Inc.

This is Annexure C of 1 page referred to in form 604 Notice of change of interests of substantial shareholder

Maria Tricarico,
Authorised Signatory

13-Jan-20
Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States