

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme ALTIUM LTD

ACN/ARSN 009 568 772

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 14 / 08 / 2020

The previous notice was given to the company on 13 / 03 / 2020

The previous notice was dated 11 / 03 / 2020

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	7,914,471	6.04	9,253,163	7.06

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 18 / 08 / 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 17 pages referred to in form 604 Notice of change of interests of substantial shareholder

18-Aug-20

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

ALTUM LTD (ALU)							
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
12-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	26.39	AUD	ORD	-1,478	-1,478
12-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	26.75	AUD	ORD	-697	-697
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-2,468	-2,468
12-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell	26.35	AUD	ORD	-2,787	-2,787
12-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	26.35	AUD	ORD	-4,729	-4,729
12-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	26.35	AUD	ORD	-2,004	-2,004
12-Mar-20	BlackRock International Limited	on mkt sell	26.35	AUD	ORD	-2,654	-2,654
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-11,551	-11,551
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-6,509	-6,509
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-4,326	-4,326
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	26.35	AUD	ORD	-2,994	-2,994
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	26.35	AUD	ORD	-2,391	-2,391
12-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	26.35	AUD	ORD	-1,681	-1,681
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-2,433	-2,433
12-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell	26.35	AUD	ORD	-1,220	-1,220
12-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	26.35	AUD	ORD	-837	-837
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-904	-904
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-1,603	-1,603
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-1,526	-1,526
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.87	AUD	ORD	-7,392	-7,392
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	25.87	AUD	ORD	528	528
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,600	-1,600
13-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.46	AUD	ORD	-1,586	-1,586
13-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell	25.46	AUD	ORD	-1,800	-1,800
13-Mar-20	BlackRock International Limited	on mkt sell	25.46	AUD	ORD	-2,044	-2,044
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	25.46	AUD	ORD	-1,700	-1,700
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	25.46	AUD	ORD	-1,367	-1,367
13-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-62	-62
13-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	27.00	AUD	ORD	396	396
13-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	27.00	AUD	ORD	-14,468	-14,468
16-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,068	1,068
16-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	534	534
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.60	AUD	ORD	-144	-144
16-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell	25.60	AUD	ORD	-1,870	-1,870
16-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	25.60	AUD	ORD	-3,425	-3,425
16-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	25.60	AUD	ORD	-1,454	-1,454

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
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 25.60	AUD	ORD -729	-729
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 25.60	AUD	ORD -7,199	-7,199
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 25.60	AUD	ORD -3,207	-3,207
16-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell 25.60	AUD	ORD -1,492	-1,492
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy 25.73	AUD	ORD 828	828
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 25.26	AUD	ORD 1,188	1,188
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 25.26	AUD	ORD 264	264
16-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 25.27	AUD	ORD 102,244	102,244
16-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 25.55	AUD	ORD 57,448	57,448
16-Mar-20	BlackRock Investment Management, LLC	on mkt buy 25.55	AUD	ORD 81,766	81,766
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell 25.26	AUD	ORD -308	-308
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 25.26	AUD	ORD -2,772	-2,772
16-Mar-20	BlackRock Fund Advisors	on mkt sell 25.26	AUD	ORD -3,776	-3,776
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy 25.26	AUD	ORD 1,954	1,954
16-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -1,818	-1,818
17-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,012	1,012
17-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 460	460
17-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 460	460
17-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -627	-627
17-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.18	AUD	ORD -3,568	-3,568
17-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.18	AUD	ORD -3,467	-3,467
17-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell 26.18	AUD	ORD -668	-668
17-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.18	AUD	ORD -2,727	-2,727
17-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 25.66	AUD	ORD -188	-188
17-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 26.40	AUD	ORD 1,188	1,188
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy 26.40	AUD	ORD 154	154
17-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 26.40	AUD	ORD 3,542	3,542
17-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -507	-507
18-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 24.61	AUD	ORD -186	-186
18-Mar-20	BlackRock Investment Management, LLC	on mkt sell 23.92	AUD	ORD -2,474	-2,474
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 24.63	AUD	ORD 2,691	2,691
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 24.63	AUD	ORD 4,688	4,688
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 24.62	AUD	ORD -7,177	-7,177
18-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 24.70	AUD	ORD 86,279	86,279
18-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 24.70	AUD	ORD 27,578	27,578
18-Mar-20	BlackRock Investment Management, LLC	on mkt buy 24.70	AUD	ORD 90,743	90,743
18-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 24.48	AUD	ORD 54,821	54,821
18-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 24.48	AUD	ORD 17,522	17,522
18-Mar-20	BlackRock Investment Management, LLC	on mkt buy 24.48	AUD	ORD 57,657	57,657
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 24.88	AUD	ORD 528	528
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy 24.88	AUD	ORD 462	462
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 24.88	AUD	ORD 2,223	2,223
18-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -1,218	-1,218
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 26.32	AUD	ORD 1,734	1,734
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.56	AUD	ORD -16,782	-16,782

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
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-11,315	-11,315
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-1,482	-1,482
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	26.41	AUD	ORD	-1,449	-1,449
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	26.75	AUD	ORD	396	396
19-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	26.75	AUD	ORD	-154	-154
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	26.75	AUD	ORD	-15,334	-15,334
19-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,424	-2,424
19-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	465	465
19-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	665	665
20-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	26.22	AUD	ORD	924	924
20-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	26.22	AUD	ORD	264	264
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,020	1,020
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	665	665
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	576	576
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,000	4,000
23-Mar-20	BlackRock Investment Management, LLC	on mkt buy	24.48	AUD	ORD	457	457
23-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	24.43	AUD	ORD	-828	-828
23-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	24.67	AUD	ORD	132	132
23-Mar-20	BlackRock Investment Management, LLC	on mkt buy	24.67	AUD	ORD	4,268	4,268
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,636	-3,636
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,200	1,200
24-Mar-20	BlackRock Investment Management, LLC	on mkt buy	24.96	AUD	ORD	699	699
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.56	AUD	ORD	-198	-198
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.56	AUD	ORD	-367	-367
24-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.56	AUD	ORD	-12,736	-12,736
24-Mar-20	BlackRock Investment Management, LLC	on mkt buy	25.70	AUD	ORD	756	756
24-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	25.74	AUD	ORD	132	132
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	25.74	AUD	ORD	8,005	8,005
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	990	990
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	672	672
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.50	AUD	ORD	-20,568	-20,568
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.50	AUD	ORD	-12,550	-12,550
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.50	AUD	ORD	-31,217	-31,217
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.50	AUD	ORD	-11,669	-11,669
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	25.49	AUD	ORD	-21,570	-21,570
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-2,318	-2,318
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-518	-518
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-507	-507
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-1,509	-1,509
25-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	25.33	AUD	ORD	-2,055	-2,055
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-1,402	-1,402
25-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	25.19	AUD	ORD	-193	-193

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
25-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell 25.19	AUD	ORD -591	-591
25-Mar-20	BlackRock Investment Management, LLC	on mkt sell 25.19	AUD	ORD -669	-669
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy 25.32	AUD	ORD 132	132
25-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy 25.32	AUD	ORD 154	154
26-Mar-20	BlackRock Investment Management, LLC	on mkt buy 26.81	AUD	ORD 464	464
26-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.45	AUD	ORD -2,345	-2,345
26-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.45	AUD	ORD -2,062	-2,062
26-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.81	AUD	ORD -1,014	-1,014
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.45	AUD	ORD -2,372	-2,372
26-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 26.81	AUD	ORD -4,979	-4,979
26-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.81	AUD	ORD -2,500	-2,500
26-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.81	AUD	ORD -690	-690
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -30,235	-30,235
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.96	AUD	ORD -2,969	-2,969
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -22,782	-22,782
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.96	AUD	ORD -19,635	-19,635
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.96	AUD	ORD -7,132	-7,132
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.96	AUD	ORD -16,484	-16,484
26-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 330	330
26-Mar-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 660	660
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -10,241	-10,241
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -902	-902
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -19,260	-19,260
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -17,078	-17,078
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -5,845	-5,845
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.95	AUD	ORD -14,727	-14,727
27-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy 26.51	AUD	ORD 1,937	1,937
27-Mar-20	BlackRock Investment Management, LLC	on mkt buy 26.51	AUD	ORD 992	992
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.98	AUD	ORD -1,847	-1,847
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.98	AUD	ORD -1,499	-1,499
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.53	AUD	ORD -1,639	-1,639
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell 26.93	AUD	ORD -9,745	-9,745
27-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 26.53	AUD	ORD -1,580	-1,580
27-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell 26.53	AUD	ORD -658	-658
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell 26.53	AUD	ORD -2,205	-2,205
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell 26.53	AUD	ORD -1,751	-1,751
27-Mar-20	BlackRock Investment Management, LLC	on mkt sell 26.53	AUD	ORD -688	-688
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell 26.53	AUD	ORD -3,567	-3,567
27-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 26.53	AUD	ORD -630	-630
27-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy 28.01	AUD	ORD 42,303	42,303

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
27-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy	28.01	AUD	ORD	17,690	17,690
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	26.00	AUD	ORD	132	132
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	26.00	AUD	ORD	6,655	6,655
30-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.18	AUD	ORD	-1,357	-1,357
30-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.18	AUD	ORD	-1,198	-1,198
30-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	28.02	AUD	ORD	528	528
31-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,749	1,749
31-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy	29.89	AUD	ORD	53,330	53,330
31-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	29.31	AUD	ORD	1,459	1,459
31-Mar-20	BlackRock Investment Management, LLC	on mkt buy	29.31	AUD	ORD	756	756
31-Mar-20	BlackRock Investment Management, LLC	on mkt buy	29.89	AUD	ORD	27,529	27,529
31-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	29.36	AUD	ORD	-2,786	-2,786
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-23,138	-23,138
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-4,737	-4,737
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-947	-947
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-1,865	-1,865
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-354	-354
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-2,009	-2,009
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-1,361	-1,361
31-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	29.36	AUD	ORD	-410	-410
31-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	29.33	AUD	ORD	-688	-688
31-Mar-20	BlackRock Investment Management, LLC	on mkt sell	29.33	AUD	ORD	-614	-614
31-Mar-20	BlackRock International Limited	on mkt sell	29.33	AUD	ORD	-2,186	-2,186
31-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell	29.33	AUD	ORD	-901	-901
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	29.33	AUD	ORD	-2,586	-2,586
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	29.33	AUD	ORD	-1,998	-1,998
31-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	29.33	AUD	ORD	-494	-494
31-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	29.33	AUD	ORD	-797	-797
31-Mar-20	BlackRock Investment Management, LLC	on mkt sell	29.33	AUD	ORD	-897	-897
31-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,636	-3,636
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	28.51	AUD	ORD	-496	-496
01-Apr-20	BlackRock Investment Management, LLC	on mkt sell	28.51	AUD	ORD	-460	-460
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	28.51	AUD	ORD	-689	-689
01-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	28.51	AUD	ORD	-331	-331
01-Apr-20	BlackRock Japan Co., Ltd.	on mkt sell	28.50	AUD	ORD	-1,288	-1,288
01-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	28.50	AUD	ORD	-648	-648
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	776	776
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	485	485
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,940	2,940
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.51	AUD	ORD	-3,720	-3,720
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.51	AUD	ORD	-7,346	-7,346
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.51	AUD	ORD	-1,552	-1,552

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
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.51	AUD	ORD	-10,139	-10,139
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.52	AUD	ORD	-4,599	-4,599
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.51	AUD	ORD	-1,043	-1,043
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	28.68	AUD	ORD	770	770
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	28.68	AUD	ORD	8,637	8,637
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,242	-4,242
02-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.27	AUD	ORD	-420	-420
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	27.27	AUD	ORD	-844	-844
02-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	27.27	AUD	ORD	-383	-383
02-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	27.27	AUD	ORD	-2,703	-2,703
02-Apr-20	BlackRock International Limited	on mkt sell	27.27	AUD	ORD	-2,095	-2,095
02-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.27	AUD	ORD	-1,183	-1,183
02-Apr-20	BlackRock Asset Management Canada Limited	on mkt sell	27.27	AUD	ORD	-495	-495
02-Apr-20	BlackRock Investment Management, LLC	on mkt sell	27.27	AUD	ORD	-773	-773
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	27.26	AUD	ORD	-4,184	-4,184
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	27.26	AUD	ORD	-1,129	-1,129
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	27.26	AUD	ORD	-716	-716
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	27.32	AUD	ORD	1,417	1,417
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,210	-1,210
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,025	-3,025
03-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.19	AUD	ORD	-66	-66
03-Apr-20	BlackRock International Limited	on mkt sell	26.99	AUD	ORD	-2,163	-2,163
03-Apr-20	BlackRock Investment Management, LLC	on mkt sell	26.99	AUD	ORD	-391	-391
03-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	27.03	AUD	ORD	1,452	1,452
03-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	27.03	AUD	ORD	264	264
03-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	27.03	AUD	ORD	13,194	13,194
03-Apr-20	BlackRock (Netherlands) B.V.	on mkt buy	27.03	AUD	ORD	4,291	4,291
07-Apr-20	BLACKROCK ADVISORS, LLC	on mkt buy	31.34	AUD	ORD	25,657	25,657
07-Apr-20	BLACKROCK ADVISORS, LLC	on mkt buy	31.34	AUD	ORD	22,528	22,528
07-Apr-20	BlackRock Investment Management, LLC	on mkt buy	31.34	AUD	ORD	4,655	4,655
07-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.86	AUD	ORD	-1,663	-1,663
07-Apr-20	BlackRock International Limited	on mkt sell	30.86	AUD	ORD	-2,028	-2,028
07-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.45	AUD	ORD	1,320	1,320
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	30.45	AUD	ORD	154	154
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	30.45	AUD	ORD	308	308
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	388	388
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,030	-3,030
08-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	30.61	AUD	ORD	-281	-281
08-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.64	AUD	ORD	-1,611	-1,611
08-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.64	AUD	ORD	-4,779	-4,779
08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.61	AUD	ORD	-551	-551
08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.67	AUD	ORD	-3,105	-3,105
08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.67	AUD	ORD	-767	-767

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		
08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.67	AUD	ORD	-761	-761
08-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.23	AUD	ORD	5,940	5,940
08-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.23	AUD	ORD	1,188	1,188
09-Apr-20	BlackRock International Limited	on mkt sell	30.86	AUD	ORD	-2,443	-2,443
09-Apr-20	BlackRock Investment Management, LLC	on mkt buy	30.77	AUD	ORD	1,865	1,865
09-Apr-20	BlackRock Investment Management, LLC	on mkt buy	30.77	AUD	ORD	26,928	26,928
09-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.93	AUD	ORD	660	660
09-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,815	-1,815
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,600	-4,600
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,200	-1,200
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,800
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-900	-900
14-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.47	AUD	ORD	-7,456	-7,456
14-Apr-20	BlackRock Investment Management, LLC	on mkt sell	31.43	AUD	ORD	-545	-545
14-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	AUD	ORD	-1,470	-1,470
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,700	-1,700
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	31.85	AUD	ORD	-130	-130
15-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	31.85	AUD	ORD	-475	-475
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	31.85	AUD	ORD	-567	-567
15-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	31.85	AUD	ORD	-478	-478
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	31.85	AUD	ORD	-208	-208
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	31.85	AUD	ORD	-658	-658
15-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.87	AUD	ORD	-6,977	-6,977
15-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.88	AUD	ORD	-755	-755
15-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.88	AUD	ORD	-9,723	-9,723
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	31.72	AUD	ORD	154	154
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,242	-4,242
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,500	-2,500
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
16-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.44	AUD	ORD	-2,260	-2,260
16-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	31.55	AUD	ORD	8,899	8,899
16-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	31.55	AUD	ORD	1,493	1,493
17-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	32.35	AUD	ORD	132	132
17-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,818	-1,818
20-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
20-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	32.35	AUD	ORD	93	93
21-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,000	-2,000
21-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.04	AUD	ORD	-2,492	-2,492
21-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.70	AUD	ORD	1,188	1,188
21-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.70	AUD	ORD	132	132
22-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.23	AUD	ORD	-1,230	-1,230
22-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.58	AUD	ORD	-1,533	-1,533
22-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.58	AUD	ORD	-159	-159
22-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.58	AUD	ORD	-155	-155

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-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.54	AUD	ORD	-7,482	-7,482
22-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.54	AUD	ORD	-3,221	-3,221
22-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	30.54	AUD	ORD	-7,215	-7,215
22-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.86	AUD	ORD	528	528
23-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,010	-1,010
23-Apr-20	BLACKROCK ADVISORS, LLC	on mkt buy	31.26	AUD	ORD	1,033	1,033
23-Apr-20	BLACKROCK ADVISORS, LLC	on mkt buy	31.74	AUD	ORD	54,699	54,699
23-Apr-20	BlackRock Investment Management, LLC	on mkt buy	31.74	AUD	ORD	10,016	10,016
23-Apr-20	BlackRock Investment Management, LLC	on mkt buy	31.74	AUD	ORD	72,577	72,577
23-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	31.22	AUD	ORD	-1,935	-1,935
24-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	31.14	AUD	ORD	919	919
24-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	31.30	AUD	ORD	264	264
27-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,744	-2,744
27-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,568	-1,568
28-Apr-20	BLACKROCK ADVISORS, LLC	on mkt buy	33.29	AUD	ORD	17,336	17,336
28-Apr-20	BlackRock Investment Management, LLC	on mkt buy	33.29	AUD	ORD	3,211	3,211
28-Apr-20	BlackRock Investment Management, LLC	on mkt buy	33.29	AUD	ORD	55,373	55,373
28-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	825	825
28-Apr-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
29-Apr-20	BLACKROCK ADVISORS, LLC	on mkt buy	33.05	AUD	ORD	9,919	9,919
29-Apr-20	BlackRock Investment Management, LLC	on mkt buy	33.05	AUD	ORD	1,837	1,837
29-Apr-20	BlackRock Investment Management, LLC	on mkt buy	33.05	AUD	ORD	31,684	31,684
29-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.05	AUD	ORD	-1,057	-1,057
29-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	33.23	AUD	ORD	860	860
29-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	33.23	AUD	ORD	510	510
29-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	33.23	AUD	ORD	498	498
29-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.36	AUD	ORD	264	264
30-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.01	AUD	ORD	-688	-688
30-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.01	AUD	ORD	-919	-919
30-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.01	AUD	ORD	-3,343	-3,343
30-Apr-20	BlackRock Asset Management Canada Limited	on mkt sell	34.01	AUD	ORD	-819	-819
30-Apr-20	BlackRock Investment Management, LLC	on mkt sell	34.01	AUD	ORD	-518	-518
30-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.15	AUD	ORD	396	396
30-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.15	AUD	ORD	264	264
30-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.15	AUD	ORD	406	406
30-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.15	AUD	ORD	5,668	5,668
01-May-20	BlackRock Asset Management Canada Limited	on mkt sell	33.45	AUD	ORD	-605	-605
01-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.03	AUD	ORD	1,056	1,056
01-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.03	AUD	ORD	-1,662	-1,662
01-May-20	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-122,717	-122,717
04-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.53	AUD	ORD	-87	-87

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		
04-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	33.62	AUD	ORD	113,080	113,080
04-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.72	AUD	ORD	74	74
04-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.72	AUD	ORD	132	132
04-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,025	-3,025
05-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.96	AUD	ORD	-198	-198
05-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.96	AUD	ORD	-882	-882
05-May-20	BLACKROCK ADVISORS, LLC	on mkt buy	34.98	AUD	ORD	41,013	41,013
05-May-20	BlackRock Investment Management, LLC	on mkt sell	34.96	AUD	ORD	-697	-697
05-May-20	BlackRock Investment Management, LLC	on mkt buy	34.98	AUD	ORD	3,117	3,117
05-May-20	BlackRock Investment Management, LLC	on mkt buy	34.98	AUD	ORD	44,563	44,563
05-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,010	-3,010
06-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
06-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.31	AUD	ORD	-328	-328
06-May-20	BlackRock Advisors (UK) Limited	on mkt sell	35.31	AUD	ORD	-493	-493
06-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	35.31	AUD	ORD	-381	-381
06-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.31	AUD	ORD	-1,903	-1,903
06-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.30	AUD	ORD	132	132
07-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,142	-2,142
07-May-20	BlackRock Investment Management, LLC	on mkt buy	35.61	AUD	ORD	3,066	3,066
07-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.12	AUD	ORD	-1,980	-1,980
07-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.12	AUD	ORD	132	132
07-May-20	BlackRock Investment Management, LLC	on mkt sell	36.12	AUD	ORD	-595	-595
08-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-676	-676
11-May-20	BlackRock Investment Management, LLC	on mkt buy	36.81	AUD	ORD	2,116	2,116
11-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.79	AUD	ORD	7,128	7,128
11-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.79	AUD	ORD	1,452	1,452
11-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.79	AUD	ORD	264	264
12-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.25	AUD	ORD	-3,356	-3,356
12-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.34	AUD	ORD	1,188	1,188
12-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,818	-1,818
13-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	34.72	AUD	ORD	-250	-250
13-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.56	AUD	ORD	-177	-177
13-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.74	AUD	ORD	10,368	10,368
13-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.74	AUD	ORD	2,218	2,218
13-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.74	AUD	ORD	3,187	3,187
13-May-20	BLACKROCK ADVISORS, LLC	on mkt sell	34.38	AUD	ORD	-7,617	-7,617
14-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ORD	5,702	5,702
14-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.85	AUD	ORD	-4,850	-4,850
14-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,630	-3,630
15-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,300	-3,300
18-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
18-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,056	1,056
18-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660

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
19-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.88	AUD	ORD	-21,629	-21,629
19-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.90	AUD	ORD	396	396
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.15	AUD	ORD	3,288	3,288
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.15	AUD	ORD	720	720
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.15	AUD	ORD	720	720
20-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.21	AUD	ORD	7,896	7,896
20-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.63	AUD	ORD	-110	-110
20-May-20	BlackRock Investment Management, LLC	on mkt buy	35.28	AUD	ORD	3,753	3,753
21-May-20	BlackRock Asset Management Canada Limited	on mkt buy	36.47	AUD	ORD	743	743
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.03	AUD	ORD	1,852	1,852
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.03	AUD	ORD	288	288
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.03	AUD	ORD	286	286
22-May-20	BlackRock Investment Management, LLC	on mkt buy	36.18	AUD	ORD	2,482	2,482
22-May-20	BLACKROCK ADVISORS, LLC	on mkt buy	36.03	AUD	ORD	598	598
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.03	AUD	ORD	943	943
22-May-20	BlackRock Asset Management Canada Limited	on mkt buy	36.03	AUD	ORD	479	479
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.03	AUD	ORD	1,340	1,340
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,529	-1,529
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,529	1,529
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,144	-2,144
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,144	2,144
26-May-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-58,530	-58,530
26-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.10	AUD	ORD	234	234
26-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,025	-3,025
27-May-20	BlackRock Investment Management, LLC	on mkt buy	37.01	AUD	ORD	7,510	7,510
27-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.99	AUD	ORD	18,063	18,063
27-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.99	AUD	ORD	1,221	1,221
27-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.73	AUD	ORD	74	74
27-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,030	-3,030
28-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,636	-3,636
28-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.21	AUD	ORD	195	195
28-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.19	AUD	ORD	-6,711	-6,711
28-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.02	AUD	ORD	1,188	1,188
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.19	AUD	ORD	908	908
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.19	AUD	ORD	609	609
29-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.19	AUD	ORD	4,968	4,968
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.19	AUD	ORD	10,194	10,194
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.19	AUD	ORD	3,404	3,404

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
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	37.19	AUD	ORD	-135	-135
29-May-20	BlackRock Fund Advisors	on mkt sell	37.19	AUD	ORD	-2,056	-2,056
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.19	AUD	ORD	2,884	2,884
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.19	AUD	ORD	2,714	2,714
29-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.19	AUD	ORD	8,230	8,230
29-May-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,420	-2,420
01-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	36.92	AUD	ORD	-462	-462
01-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,815	-1,815
01-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,630	-3,630
02-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.45	AUD	ORD	85	85
02-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	37.45	AUD	ORD	93,810	93,810
02-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.45	AUD	ORD	1,475	1,475
02-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.45	AUD	ORD	-246	-246
02-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,210	-1,210
03-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.18	AUD	ORD	72	72
03-Jun-20	BlackRock Investment Management, LLC	on mkt buy	37.50	AUD	ORD	8,066	8,066
03-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.14	AUD	ORD	-18,982	-18,982
03-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.14	AUD	ORD	-3,452	-3,452
03-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.14	AUD	ORD	-8,308	-8,308
03-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.28	AUD	ORD	3,172	3,172
04-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.66	AUD	ORD	-12,262	-12,262
04-Jun-20	BlackRock Investment Management, LLC	on mkt buy	37.07	AUD	ORD	2,826	2,826
04-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	36.66	AUD	ORD	3,713	3,713
04-Jun-20	BlackRock Investment Management, LLC	on mkt buy	36.66	AUD	ORD	1,100	1,100
04-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,235	-4,235
05-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ORD	-850	-850
05-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ORD	-771	-771
05-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ORD	-689	-689
05-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.90	AUD	ORD	1,188	1,188
09-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.45	AUD	ORD	-25,631	-25,631
09-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.96	AUD	ORD	528	528
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.14	AUD	ORD	-271	-271
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.14	AUD	ORD	-391	-391
10-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.13	AUD	ORD	-8,948	-8,948
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.05	AUD	ORD	-2,706	-2,706
10-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,432	2,432
11-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	34.11	AUD	ORD	2,221	2,221
11-Jun-20	BlackRock Investment Management, LLC	on mkt buy	34.11	AUD	ORD	950	950
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-330	-330
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-660	-660
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,500	-12,500
12-Jun-20	BlackRock Investment Management, LLC	on mkt buy	33.65	AUD	ORD	37,566	37,566

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
12-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy 33.64	AUD	ORD 1,312	1,312
12-Jun-20	BlackRock Investment Management, LLC	on mkt buy 33.64	AUD	ORD 730	730
12-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.56	AUD	ORD 2,376	2,376
12-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.56	AUD	ORD 1,188	1,188
12-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy 33.56	AUD	ORD 9,898	9,898
12-Jun-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,040	-3,040
15-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 32.41	AUD	ORD 364	364
15-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.41	AUD	ORD 774	774
15-Jun-20	BlackRock Fund Advisors	on mkt sell 32.41	AUD	ORD -7,083	-7,083
16-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.95	AUD	ORD 319	319
16-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy 33.95	AUD	ORD 716	716
16-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell 33.95	AUD	ORD -1,340	-1,340
16-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 34.01	AUD	ORD 1,452	1,452
16-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy 33.99	AUD	ORD 1,232	1,232
16-Jun-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -1,212	-1,212
17-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell 34.59	AUD	ORD -2,365	-2,365
17-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell 34.59	AUD	ORD -4,461	-4,461
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy 34.60	AUD	ORD 1,039	1,039
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy 34.60	AUD	ORD 149	149
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy 34.60	AUD	ORD 89	89
18-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell 34.14	AUD	ORD -379	-379
18-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell 34.12	AUD	ORD -4,488	-4,488
18-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 34.12	AUD	ORD 381	381
19-Jun-20	BLACKROCK ADVISORS, LLC	on mkt sell 35.98	AUD	ORD -1,033	-1,033
19-Jun-20	BlackRock Asset Management Canada Limited	on mkt sell 35.98	AUD	ORD -743	-743
19-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell 35.98	AUD	ORD -1,475	-1,475
19-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy 36.36	AUD	ORD 154	154
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 2,130	2,130
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 888	888
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 2,657	2,657
19-Jun-20	BlackRock Investment Management, LLC	on mkt buy 36.36	AUD	ORD 225	225
19-Jun-20	BlackRock Investment Management, LLC	on mkt buy 36.36	AUD	ORD 678	678
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 4,127	4,127
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 1,377	1,377
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 1,419	1,419
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 472	472
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 35	35
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 110	110
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.36	AUD	ORD 514	514

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
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.36	AUD	ORD	170	170
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.36	AUD	ORD	579	579
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.36	AUD	ORD	1,741	1,741
19-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.36	AUD	ORD	1,228	1,228
19-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.36	AUD	ORD	3,681	3,681
19-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	36.36	AUD	ORD	1,104	1,104
19-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	36.36	AUD	ORD	367	367
22-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.26	AUD	ORD	-6,253	-6,253
22-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.26	AUD	ORD	-1,763	-1,763
22-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.26	AUD	ORD	-10,413	-10,413
22-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.26	AUD	ORD	-5,933	-5,933
22-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.28	AUD	ORD	-11,433	-11,433
22-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.60	AUD	ORD	-1,248	-1,248
22-Jun-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	29,418	29,418
23-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	32.95	AUD	ORD	1,331	1,331
23-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	33.83	AUD	ORD	3,817	3,817
23-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	33.83	AUD	ORD	17,350	17,350
23-Jun-20	BlackRock Investment Management, LLC	on mkt buy	32.80	AUD	ORD	5,980	5,980
24-Jun-20	BLACKROCK ADVISORS, LLC	on mkt buy	33.42	AUD	ORD	39,585	39,585
24-Jun-20	BlackRock Investment Management, LLC	on mkt buy	33.42	AUD	ORD	5,920	5,920
24-Jun-20	BlackRock Investment Management, LLC	on mkt buy	33.42	AUD	ORD	44,074	44,074
24-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	33.42	AUD	ORD	53	53
24-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	33.42	AUD	ORD	63	63
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.44	AUD	ORD	-2,378	-2,378
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.59	AUD	ORD	-4,249	-4,249
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.59	AUD	ORD	-10,280	-10,280
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.43	AUD	ORD	-4,076	-4,076
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.43	AUD	ORD	-9,863	-9,863
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.53	AUD	ORD	-320	-320
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.56	AUD	ORD	-4,973	-4,973
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.53	AUD	ORD	-9,044	-9,044
25-Jun-20	BlackRock Investment Management, LLC	on mkt buy	32.75	AUD	ORD	5,766	5,766
25-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	32.73	AUD	ORD	1,963	1,963
25-Jun-20	BlackRock Investment Management, LLC	on mkt buy	32.73	AUD	ORD	585	585
25-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	32.52	AUD	ORD	308	308
26-Jun-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	11,609	11,609
29-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	32.43	AUD	ORD	44	44
29-Jun-20	BLACKROCK ADVISORS, LLC	on mkt buy	32.40	AUD	ORD	19,675	19,675

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
29-Jun-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 6,177	6,177
29-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -22,018	-22,018
29-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -22,498	-22,498
29-Jun-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 44,282	44,282
30-Jun-20	BlackRock Fund Advisors	in specie	AUD	ORD -640	-640
30-Jun-20	BlackRock Fund Advisors	in specie	AUD	ORD 1,067	1,067
30-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,410	2,410
30-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,873	2,873
30-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -88	-88
01-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 6,522	6,522
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,205	5,205
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,317	1,317
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,626	1,626
01-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,280	-2,280
01-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -6,204	-6,204
01-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -10,343	-10,343
01-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -726	-726
02-Jul-20	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 37,286	37,286
02-Jul-20	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,443	1,443
02-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 467	467
02-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 545	545
02-Jul-20	BlackRock Fund Advisors	in specie	AUD	ORD 882	882
03-Jul-20	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 63,241	63,241
03-Jul-20	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 40,748	40,748
03-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 13,662	13,662
03-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 92,611	92,611
06-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,884	1,884
07-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 4,726	4,726
07-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 469	469
07-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -500	-500
07-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -8,432	-8,432
07-Jul-20	BlackRock Investment Management (Australia) Limited	in specie	AUD	ORD -62,618	-62,618
08-Jul-20	BlackRock Fund Advisors	in specie	AUD	ORD 980	980
08-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -860	-860
08-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -294	-294
08-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -375	-375
08-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 7,964	7,964
08-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,370	1,370
08-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 5,484	5,484

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
08-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -29,282	-29,282
08-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 38,298	38,298
08-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,922	-1,922
09-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,607	1,607
09-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 276	276
09-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,107	1,107
09-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 7,730	7,730
09-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -604	-604
09-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,448	-2,448
09-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,310	-1,310
10-Jul-20	BlackRock Fund Advisors	in specie	AUD	ORD 980	980
10-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -13,000	-13,000
10-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -25,529	-25,529
13-Jul-20	BlackRock Investment Management (Australia) Limited	in specie	AUD	ORD 15,760	15,760
13-Jul-20	BLACKROCK ADVISORS, LLC	on mkt sell	AUD	ORD -4,135	-4,135
13-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 154	154
14-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 204	204
14-Jul-20	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 801	801
14-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 331	331
14-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -227	-227
14-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -663	-663
14-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 408	408
15-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 458	458
15-Jul-20	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -445	-445
15-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 10,904	10,904
15-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,702	6,702
15-Jul-20	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 13,510	13,510
16-Jul-20	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 778	778
16-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 421	421
16-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,087	-1,087
16-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 408	408
17-Jul-20	BlackRock Fund Advisors	in specie	AUD	ORD -507	-507
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -44	-44
17-Jul-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 5,488	5,488
17-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -679	-679
17-Jul-20	BLACKROCK ADVISORS, LLC	on mkt sell	AUD	ORD -598	-598
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -943	-943
17-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -545	-545
17-Jul-20	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -479	-479

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
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.37	AUD	ORD 3,698	3,698
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.37	AUD	ORD 1,317	1,317
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.37	AUD	ORD 1,146	1,146
17-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy 32.47	AUD	ORD 308	308
20-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell 32.74	AUD	ORD -787	-787
20-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 32.74	AUD	ORD 2,159	2,159
20-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 32.74	AUD	ORD 6,040	6,040
21-Jul-20	BLACKROCK ADVISORS, LLC	on mkt buy 35.19	AUD	ORD 43,658	43,658
21-Jul-20	BlackRock Investment Management, LLC	on mkt buy 35.19	AUD	ORD 8,528	8,528
21-Jul-20	BlackRock Investment Management, LLC	on mkt buy 35.19	AUD	ORD 51,711	51,711
21-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy 34.96	AUD	ORD 2,706	2,706
22-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy 34.01	AUD	ORD 4,723	4,723
23-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy 33.71	AUD	ORD 308	308
23-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell 33.71	AUD	ORD -3,646	-3,646
24-Jul-20	BlackRock Investment Management, LLC	on mkt buy 33.02	AUD	ORD 5,688	5,688
24-Jul-20	BlackRock Investment Management, LLC	on mkt buy 33.02	AUD	ORD 25,220	25,220
24-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy 32.78	AUD	ORD 1,967	1,967
27-Jul-20	BlackRock Investment Management, LLC	on mkt buy 33.12	AUD	ORD 5,709	5,709
27-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell 33.08	AUD	ORD -1,768	-1,768
27-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell 33.08	AUD	ORD -1,988	-1,988
28-Jul-20	BlackRock Investment Management, LLC	on mkt buy 33.85	AUD	ORD 11,571	11,571
29-Jul-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -845	-845
29-Jul-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 279	279
29-Jul-20	BLACKROCK ADVISORS, LLC	on mkt buy 32.91	AUD	ORD 21,511	21,511
29-Jul-20	BlackRock Investment Management, LLC	on mkt buy 32.91	AUD	ORD 2,898	2,898
29-Jul-20	BlackRock Investment Management, LLC	on mkt buy 32.91	AUD	ORD 25,652	25,652
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.51	AUD	ORD 1,570	1,570
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.51	AUD	ORD 334	334
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.51	AUD	ORD 287	287
29-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy 32.43	AUD	ORD 154	154
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell 32.43	AUD	ORD -2,231	-2,231
30-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.09	AUD	ORD 678	678
31-Jul-20	BlackRock Investment Management (UK) Limited	on mkt buy 33.10	AUD	ORD 696	696
31-Jul-20	BlackRock Investment Management, LLC	on mkt buy 33.10	AUD	ORD 383	383
31-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy 32.85	AUD	ORD 308	308
31-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy 32.85	AUD	ORD 3,838	3,838
03-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 528	528
03-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 594	594
03-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 495	495
03-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 495	495
04-Aug-20	BLACKROCK ADVISORS, LLC	on mkt buy 34.08	AUD	ORD 22,644	22,644
04-Aug-20	BlackRock Investment Management, LLC	on mkt buy 34.08	AUD	ORD 26,968	26,968
04-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy 34.07	AUD	ORD 650	650

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
04-Aug-20	BlackRock Investment Management (UK) Limited	on mkt buy 34.06	AUD	ORD 1,312	1,312
04-Aug-20	BlackRock Investment Management, LLC	on mkt buy 34.06	AUD	ORD 695	695
04-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy 34.00	AUD	ORD 1,224	1,224
04-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy 34.00	AUD	ORD 462	462
04-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy 34.00	AUD	ORD 308	308
05-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,970	2,970
05-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 264	264
05-Aug-20	BlackRock Investment Management, LLC	on mkt buy 33.78	AUD	ORD 3,085	3,085
06-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 33.60	AUD	ORD 752	752
06-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 33.60	AUD	ORD 2,987	2,987
06-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.60	AUD	ORD 534	534
07-Aug-20	BLACKROCK ADVISORS, LLC	on mkt buy 33.37	AUD	ORD 45,741	45,741
07-Aug-20	BlackRock Investment Management, LLC	on mkt buy 33.37	AUD	ORD 12,779	12,779
07-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy 33.29	AUD	ORD 308	308
07-Aug-20	BlackRock Investment Management (UK) Limited	in specie n/a	AUD	ORD -354	-354
10-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell 33.29	AUD	ORD -194	-194
10-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.40	AUD	ORD 408	408
10-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy 33.40	AUD	ORD 154	154
10-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 384	384
11-Aug-20	BlackRock Investment Management, LLC	on mkt buy 32.76	AUD	ORD 5,904	5,904
12-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell 32.40	AUD	ORD -95	-95
12-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell 32.39	AUD	ORD -1,904	-1,904
12-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 990	990
13-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 8,800	8,800
13-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,000	1,000
13-Aug-20	BlackRock Investment Management, LLC	on mkt buy 32.68	AUD	ORD 6,727	6,727
14-Aug-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 3,030	3,030
14-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy 33.24	AUD	ORD 524	524
14-Aug-20	BlackRock Investment Management, LLC	on mkt buy 33.25	AUD	ORD 56,307	56,307
14-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell 33.47	AUD	ORD -4,888	-4,888

18-Aug-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.	ORD 20,158	20,158	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.	ORD 114,609	114,609	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.	ORD 25,992	25,992	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.	ORD 13,190	13,190	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 ADVISORS, 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 1,510,371	1,510,371	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		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 1,048,221	1,048,221	Subsidiary of BlackRock, Inc.
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 16,651	16,651	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BBH-BROWN BROTHERS HARRIMAN & CO - 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 381	381	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 1,471	1,471	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST CO. - CHICAGO		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 41,342	41,342	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		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 29,221	29,221	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 1,146,076	1,146,076	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 34,036	34,036	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	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 3,488	3,488	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 863,866	863,866	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 41,356	41,356	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 268	268	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 1,007	1,007	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 650	650	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 190,357	190,357	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 270,075	270,075	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 448,564	448,564	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	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 65,374	65,374	Subsidiary of BlackRock, Inc.
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 5,846	5,846	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 34,884	34,884	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 354,233	354,233	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 53,964	53,964	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 11,057	11,057	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 69,660	69,660	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 74,198	74,198	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN FRANKFURT		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 18,351	18,351	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 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 91,389	91,389	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		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 2,091,332	2,091,332	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 45,823	45,823	Subsidiary of BlackRock, Inc.
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 6,241	6,241	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	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 411	411	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 48,603	48,603	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 held in its capacity as investment manager.	ORD 9,523	9,523	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 450,924	450,924	Subsidiary of BlackRock, Inc.

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

18-Aug-20

Maria Tricarico,
Authorised Signatory **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 Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
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 International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
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
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)