

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme ALTIUM LTDACN/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 11 / 03 / 2020The previous notice was given to the company on 29 / 07 / 2019The previous notice was dated 25 / 07 / 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	6,536,560	5.00	7,914,471	6.04

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 / 03 / 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 20 pages referred to in form 604 Notice of change of interests of substantial shareholder

13-Mar-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		
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.82	AUD	ORD	-1,480	-1,480
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.82	AUD	ORD	318	318
29-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	37.93	AUD	ORD	56,481	56,481
29-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	37.93	AUD	ORD	3,013	3,013
29-Jul-19	BLACKROCK ADVISORS, LLC	in specie	n/a	AUD	OPTION	-39,600	-39,600
30-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	37.48	AUD	ORD	12,737	12,737
30-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	37.48	AUD	ORD	680	680
30-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.42	AUD	ORD	-2,064	-2,064
30-Jul-19	BlackRock Investment Management, LLC	on mkt buy	37.44	AUD	ORD	3,861	3,861
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.84	AUD	ORD	-280	-280
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.84	AUD	ORD	-2,006	-2,006
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.84	AUD	ORD	-3,397	-3,397
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.85	AUD	ORD	-2,099	-2,099
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.83	AUD	ORD	454	454
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.83	AUD	ORD	352	352
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.83	AUD	ORD	347	347
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	36.68	AUD	ORD	146	146
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.24	AUD	ORD	530	530
01-Aug-19	BlackRock Investment Management, LLC	on mkt buy	36.70	AUD	ORD	664	664
01-Aug-19	BlackRock Investment Management, LLC	on mkt buy	36.24	AUD	ORD	554	554
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	35.86	AUD	ORD	97	97
02-Aug-19	BlackRock Investment Management, LLC	on mkt buy	35.86	AUD	ORD	961	961
05-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	34.19	AUD	ORD	44	44
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	33.45	AUD	ORD	292	292
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.50	AUD	ORD	3,697	3,697
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.64	AUD	ORD	945	945
07-Aug-19	BlackRock Investment Management, LLC	on mkt buy	32.37	AUD	ORD	1,600	1,600
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.92	AUD	ORD	13,054	13,054
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.92	AUD	ORD	11,823	11,823
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.92	AUD	ORD	5,462	5,462
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.92	AUD	ORD	13,328	13,328

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
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 31.94	AUD	ORD 8,595	8,595
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy 32.00	AUD	ORD 3,693	3,693
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy 32.00	AUD	ORD 69,218	69,218
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell 32.00	AUD	ORD -69,218	-69,218
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 32.00	AUD	ORD -3,693	-3,693
08-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 32.05	AUD	ORD 7,764	7,764
09-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy 32.99	AUD	ORD 1,547	1,547
09-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy 32.99	AUD	ORD 83	83
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 33.06	AUD	ORD 1,080	1,080
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 33.06	AUD	ORD 1,684	1,684
12-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy 32.91	AUD	ORD 36,365	36,365
12-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy 32.91	AUD	ORD 1,940	1,940
13-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy 33.05	AUD	ORD 30,110	30,110
13-Aug-19	BlackRock Investment Management, LLC	on mkt buy 33.05	AUD	ORD 1,660	1,660
13-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy 33.08	AUD	ORD 17,462	17,462
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy 33.08	AUD	ORD 931	931
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 33.61	AUD	ORD 469	469
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 33.58	AUD	ORD -1,389	-1,389
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 33.58	AUD	ORD -656	-656
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 33.58	AUD	ORD -616	-616
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 33.73	AUD	ORD 2,437	2,437
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 33.61	AUD	ORD -131	-131
15-Aug-19	BlackRock Investment Management, LLC	on mkt sell 32.25	AUD	ORD -700	-700
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 32.25	AUD	ORD -79	-79
15-Aug-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 980	980
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 32.03	AUD	ORD -170	-170
16-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell 32.03	AUD	ORD -804	-804
16-Aug-19	BlackRock Investment Management, LLC	on mkt sell 32.03	AUD	ORD -774	-774
16-Aug-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 507	507
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 32.98	AUD	ORD -163	-163
19-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy 33.35	AUD	ORD 13,214	13,214
19-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy 33.35	AUD	ORD 58,525	58,525
19-Aug-19	BlackRock Investment Management, LLC	on mkt buy 33.35	AUD	ORD 1,486	1,486
19-Aug-19	BlackRock Investment Management, LLC	on mkt buy 33.35	AUD	ORD 30,980	30,980
19-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy 33.67	AUD	ORD 292	292
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy 33.67	AUD	ORD 3,455	3,455
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.24	AUD	ORD -245	-245
20-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell 35.24	AUD	ORD -1,628	-1,628
20-Aug-19	BlackRock Investment Management, LLC	on mkt sell 35.24	AUD	ORD -2,559	-2,559
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.24	AUD	ORD -6,465	-6,465

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
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,074	-1,074
20-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,769	-1,769
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,582	-2,582
20-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 4,462	4,462
20-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 19,765	19,765
20-Aug-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 503	503
20-Aug-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 10,462	10,462
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,080	1,080
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -970	-970
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -157	-157
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,765	-3,765
21-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 82,938	82,938
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -350	-350
21-Aug-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 7,422	7,422
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -628	-628
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -4,184	-4,184
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -6,017	-6,017
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -62,296	-62,296
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,777	-3,777
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -8,913	-8,913
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,324	-3,324
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,119	-1,119
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -506	-506
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -467	-467
21-Aug-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -6,956	-6,956
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 405	405
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,240	-1,240
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -802	-802
22-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,780	-2,780
22-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell	AUD	ORD -3,429	-3,429
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,783	-3,783
22-Aug-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -4,244	-4,244
22-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell	AUD	ORD -579	-579
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -14,105	-14,105
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,335	-2,335
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -568	-568
22-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -3,721	-3,721
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,993	-5,993
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,328	-3,328

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-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.08	AUD	ORD -72	-72
22-Aug-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD -2,620	-2,620
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -119	-119
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -1,066	-1,066
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -645	-645
23-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell 35.85	AUD	ORD -2,329	-2,329
23-Aug-19	BlackRock Investment Management, LLC	on mkt sell 35.85	AUD	ORD -2,123	-2,123
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -9,983	-9,983
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -1,591	-1,591
23-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 35.85	AUD	ORD -435	-435
23-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell 35.85	AUD	ORD -2,546	-2,546
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -4,287	-4,287
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.85	AUD	ORD -2,409	-2,409
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 36.17	AUD	ORD 675	675
23-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell 36.00	AUD	ORD -49,170	-49,170
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.00	AUD	ORD -2,622	-2,622
23-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell 35.99	AUD	ORD -13,126	-13,126
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.99	AUD	ORD -701	-701
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 35.56	AUD	ORD -539	-539
26-Aug-19	BlackRock Investment Management, LLC	on mkt buy 34.76	AUD	ORD 759	759
27-Aug-19	BlackRock Investment Management, LLC	on mkt buy 36.24	AUD	ORD 1,144	1,144
27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.68	AUD	ORD -2,320	-2,320
27-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell 36.75	AUD	ORD -1,747	-1,747
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.75	AUD	ORD -3,636	-3,636
27-Aug-19	BlackRock Investment Management, LLC	on mkt sell 36.75	AUD	ORD -2,075	-2,075
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.75	AUD	ORD -7,896	-7,896
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.75	AUD	ORD -1,273	-1,273
27-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell 36.75	AUD	ORD -1,902	-1,902
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.75	AUD	ORD -3,385	-3,385
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.75	AUD	ORD -2,125	-2,125
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.68	AUD	ORD -673	-673
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.75	AUD	ORD -678	-678
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 36.75	AUD	ORD -454	-454
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell 37.38	AUD	ORD -1,446	-1,446
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 37.47	AUD	ORD -761	-761
28-Aug-19	BlackRock Investment Management, LLC	on mkt sell 37.47	AUD	ORD -705	-705
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 37.47	AUD	ORD -235	-235
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell 37.51	AUD	ORD -4,210	-4,210
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell 37.47	AUD	ORD -1,599	-1,599

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-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	37.47	AUD	ORD	-1,037	-1,037
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	37.47	AUD	ORD	-985	-985
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.51	AUD	ORD	-451	-451
28-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	37.47	AUD	ORD	-1,106	-1,106
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.51	AUD	ORD	-4,705	-4,705
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.51	AUD	ORD	-6,972	-6,972
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.51	AUD	ORD	-3,238	-3,238
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	37.51	AUD	ORD	-7,671	-7,671
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	37.48	AUD	ORD	-68	-68
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	37.62	AUD	ORD	-1,588	-1,588
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	37.62	AUD	ORD	-403	-403
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	37.62	AUD	ORD	-387	-387
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-129	-129
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-816	-816
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-801	-801
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-939	-939
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	36.59	AUD	ORD	-597	-597
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.59	AUD	ORD	-3,035	-3,035
29-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell	36.59	AUD	ORD	-1,452	-1,452
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-4,614	-4,614
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-390	-390
29-Aug-19	BlackRock Investment Management, LLC	on mkt sell	36.59	AUD	ORD	-2,512	-2,512
29-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell	36.59	AUD	ORD	-457	-457
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-8,386	-8,386
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-1,335	-1,335
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	36.59	AUD	ORD	-1,103	-1,103
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	36.59	AUD	ORD	-904	-904
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	36.59	AUD	ORD	-645	-645
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	36.59	AUD	ORD	-2,033	-2,033
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-3,948	-3,948
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.59	AUD	ORD	-2,350	-2,350
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-134	-134
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-787	-787
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-830	-830
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-665	-665
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-144	-144
30-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell	36.89	AUD	ORD	-1,299	-1,299
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-4,612	-4,612
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	36.89	AUD	ORD	-442	-442
30-Aug-19	BlackRock Investment Management, LLC	on mkt sell	36.89	AUD	ORD	-449	-449

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
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.89	AUD	ORD -1,170	-1,170
30-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 36.89	AUD	ORD -497	-497
30-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell 36.89	AUD	ORD -1,793	-1,793
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.89	AUD	ORD -3,409	-3,409
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.89	AUD	ORD -2,060	-2,060
30-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy 36.77	AUD	ORD 440	440
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy 36.77	AUD	ORD 6,952	6,952
30-Aug-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 644	644
02-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.74	AUD	ORD -218	-218
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy 36.83	AUD	ORD 810	810
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.48	AUD	ORD -2,911	-2,911
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.48	AUD	ORD -308	-308
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.48	AUD	ORD -3,231	-3,231
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.51	AUD	ORD -4,451	-4,451
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.44	AUD	ORD -198	-198
04-Sep-19	BlackRock Investment Management, LLC	on mkt sell 36.44	AUD	ORD -448	-448
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell 36.44	AUD	ORD -1,180	-1,180
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell 36.44	AUD	ORD -726	-726
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell 36.44	AUD	ORD -624	-624
04-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell 36.44	AUD	ORD -801	-801
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.44	AUD	ORD -67	-67
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell 36.47	AUD	ORD -808	-808
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.54	AUD	ORD -637	-637
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.64	AUD	ORD -206	-206
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.64	AUD	ORD -1,397	-1,397
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 36.64	AUD	ORD -531	-531
05-Sep-19	BlackRock Investment Management, LLC	on mkt sell 36.64	AUD	ORD -511	-511
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell 36.74	AUD	ORD -1,752	-1,752
05-Sep-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 560	560
05-Sep-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 336	336
05-Sep-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD -2,620	-2,620
06-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy 37.63	AUD	ORD 5,993	5,993
06-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy 37.92	AUD	ORD 18,958	18,958
06-Sep-19	BlackRock Investment Management, LLC	on mkt buy 37.92	AUD	ORD 793	793
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 37.47	AUD	ORD -126	-126
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 37.47	AUD	ORD -3,961	-3,961
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell 37.47	AUD	ORD -2,807	-2,807
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy 37.04	AUD	ORD 1,620	1,620
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell 37.04	AUD	ORD -876	-876
06-Sep-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 448	448
06-Sep-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD -2,620	-2,620
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie n/a	AUD	ORD -42,894	-42,894
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell 36.62	AUD	ORD -2,017	-2,017

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10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,564	-3,564
10-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -344	-344
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,080	1,080
10-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 504	504
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -242	-242
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,104	-2,104
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -1,041	-1,041
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -715	-715
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -528	-528
11-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,151	-1,151
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,363	-2,363
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,199	-3,199
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -319	-319
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -301	-301
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 165	165
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 157	157
11-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 196	196
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -268	-268
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,706	-3,706
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,025	-3,025
12-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,292	1,292
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -612	-612
13-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 107	107
13-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 196	196
13-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 156	156
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -155	-155
17-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,932	2,932
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -49	-49
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,446	5,446
18-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 19,674	19,674
18-Sep-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,312	1,312
18-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -665	-665
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,748	6,748
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,407	10,407
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,277	4,277
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 11,431	11,431
18-Sep-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -14,874	-14,874
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 123	123
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 117	117
18-Sep-19	BLACKROCK ADVISORS, LLC	in specie	AUD	ORD 45,100	45,100
19-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 912	912
19-Sep-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -6,085	-6,085
20-Sep-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -6,085	-6,085

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20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy 34.58	AUD	ORD 945	945
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy 34.58	AUD	ORD 257	257
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy 34.58	AUD	ORD 84,721	84,721
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy 34.58	AUD	ORD 28,330	28,330
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 38	38
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 4,170	4,170
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 12,469	12,469
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 64	64
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 7,048	7,048
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 21,075	21,075
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 25	25
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 8,396	8,396
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 2,805	2,805
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 25	25
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 2,840	2,840
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 8,495	8,495
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 116	116
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 38,051	38,051
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 12,725	12,725
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 18	18
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 2,002	2,002
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 5,997	5,997
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 3	3
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 384	384
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 1,152	1,152
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 6	6
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 715	715
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 2,145	2,145
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 13,492	13,492
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 123	123
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 40,349	40,349
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 1	1
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 163	163
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy 34.58	AUD	ORD 494	494
20-Sep-19	BlackRock Fund Advisors	on mkt sell 34.58	AUD	ORD -837	-837
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 158	158
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 17,417	17,417
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.58	AUD	ORD 52,085	52,085

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20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.58	AUD	ORD	3	3
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.58	AUD	ORD	1,035	1,035
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.58	AUD	ORD	345	345
23-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	34.62	AUD	ORD	-8,096	-8,096
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	264	264
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.80	AUD	ORD	880	880
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.80	AUD	ORD	2,644	2,644
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ORD	1,215	1,215
26-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.02	AUD	ORD	2,504	2,504
27-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy	34.32	AUD	ORD	26,206	26,206
27-Sep-19	BlackRock Investment Management, LLC	on mkt buy	34.32	AUD	ORD	1,330	1,330
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.16	AUD	ORD	-10,799	-10,799
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.35	AUD	ORD	1,350	1,350
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	33.35	AUD	ORD	146	146
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.80	AUD	ORD	765	765
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.12	AUD	ORD	135	135
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.09	AUD	ORD	7,328	7,328
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.43	AUD	ORD	835	835
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.12	AUD	ORD	2,632	2,632
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.12	AUD	ORD	2,747	2,747
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.07	AUD	ORD	202	202
03-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.94	AUD	ORD	1,278	1,278
03-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
03-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-38,200	-38,200
04-Oct-19	BlackRock Investment Management, LLC	on mkt buy	32.44	AUD	ORD	1,108	1,108
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.34	AUD	ORD	3,780	3,780
04-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	32.34	AUD	ORD	3,038	3,038
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-676	-676
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	32.37	AUD	ORD	146	146
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,881	-1,881
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	726	726
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	23,874	23,874
08-Oct-19	BlackRock Investment Management, LLC	on mkt buy	32.51	AUD	ORD	2,500	2,500
08-Oct-19	BlackRock Investment Management, LLC	on mkt buy	32.41	AUD	ORD	1,288	1,288
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.32	AUD	ORD	3,105	3,105
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.33	AUD	ORD	754	754
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.33	AUD	ORD	6,360	6,360
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.33	AUD	ORD	2,559	2,559
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.33	AUD	ORD	4,724	4,724
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.34	AUD	ORD	7,224	7,224
09-Oct-19	BlackRock Fund Advisors	on mkt sell	32.32	AUD	ORD	-498	-498

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09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.33	AUD	ORD	7,175	7,175
10-Oct-19	BlackRock Fund Advisors	on mkt sell	32.34	AUD	ORD	-1,120	-1,120
11-Oct-19	BlackRock Fund Advisors	on mkt sell	32.14	AUD	ORD	-1,152	-1,152
11-Oct-19	BlackRock Japan Co., Ltd.	on mkt sell	31.95	AUD	ORD	-3,793	-3,793
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	640	640
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	640	640
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,280	1,280
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,360	3,360
14-Oct-19	BlackRock Fund Advisors	on mkt sell	33.22	AUD	ORD	-4,609	-4,609
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	33.11	AUD	ORD	146	146
15-Oct-19	BlackRock Investment Management, LLC	on mkt sell	33.11	AUD	ORD	-442	-442
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	33.92	AUD	ORD	1,037	1,037
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	33.92	AUD	ORD	455	455
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	33.92	AUD	ORD	452	452
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	33.78	AUD	ORD	-1,355	-1,355
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.53	AUD	ORD	405	405
18-Oct-19	BlackRock Investment Management, LLC	on mkt buy	33.48	AUD	ORD	42,180	42,180
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.74	AUD	ORD	675	675
18-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	33.74	AUD	ORD	33,399	33,399
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.74	AUD	ORD	68	68
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	33.08	AUD	ORD	-53	-53
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.16	AUD	ORD	1,101	1,101
22-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	32.95	AUD	ORD	-4,272	-4,272
22-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	32.95	AUD	ORD	-509	-509
22-Oct-19	BlackRock Investment Management, LLC	on mkt sell	32.95	AUD	ORD	-356	-356
22-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	32.95	AUD	ORD	-1,194	-1,194
22-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	32.95	AUD	ORD	-937	-937
23-Oct-19	BlackRock Japan Co., Ltd.	on mkt sell	32.36	AUD	ORD	-1,415	-1,415
23-Oct-19	BlackRock Japan Co., Ltd.	on mkt sell	32.36	AUD	ORD	-1,103	-1,103
23-Oct-19	BlackRock Japan Co., Ltd.	on mkt sell	32.36	AUD	ORD	-691	-691
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	32.39	AUD	ORD	-2,517	-2,517
24-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	33.06	AUD	ORD	-203	-203
24-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	33.06	AUD	ORD	-356	-356
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,707	-3,707
25-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	32.91	AUD	ORD	-1,091	-1,091
25-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	32.91	AUD	ORD	-919	-919
25-Oct-19	BlackRock Investment Management, LLC	on mkt sell	32.83	AUD	ORD	-353	-353
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	32.52	AUD	ORD	-1,115	-1,115
28-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
28-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	32.75	AUD	ORD	-60	-60
29-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	79	79
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.70	AUD	ORD	810	810
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	31.50	AUD	ORD	114	114
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	31.50	AUD	ORD	50	50

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30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.43	AUD	ORD	732	732
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.43	AUD	ORD	1,871	1,871
31-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	474	474
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	31.96	AUD	ORD	118	118
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.96	AUD	ORD	5,738	5,738
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.19	AUD	ORD	9,194	9,194
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	32.18	AUD	ORD	146	146
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	240	240
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	32.07	AUD	ORD	48	48
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	515	515
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,095	3,095
04-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	32.37	AUD	ORD	67	67
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.22	AUD	ORD	810	810
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	32.67	AUD	ORD	386	386
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.70	AUD	ORD	3,802	3,802
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.73	AUD	ORD	1,080	1,080
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	32.73	AUD	ORD	-1,882	-1,882
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	31.83	AUD	ORD	162	162
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.76	AUD	ORD	2,155	2,155
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	31.76	AUD	ORD	1,361	1,361
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	31.65	AUD	ORD	67	67
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	31.65	AUD	ORD	65	65
07-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	32.22	AUD	ORD	6,166	6,166
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,577	1,577
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,575	2,575
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	32.39	AUD	ORD	3,481	3,481
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	32.39	AUD	ORD	69	69
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	816	816
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,040	2,040
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,264	-2,264
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,900	-2,900
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,465	3,465
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	33.30	AUD	ORD	270	270
12-Nov-19	BlackRock Japan Co., Ltd.	on mkt sell	33.31	AUD	ORD	-348	-348
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,672	3,672
12-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	33.16	AUD	ORD	-1,791	-1,791
12-Nov-19	BlackRock Investment Management, LLC	on mkt sell	33.14	AUD	ORD	-739	-739
12-Nov-19	BlackRock Japan Co., Ltd.	on mkt sell	33.13	AUD	ORD	-469	-469
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,560	1,560
13-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	33.27	AUD	ORD	146	146
14-Nov-19	BlackRock Investment Management, LLC	on mkt sell	34.01	AUD	ORD	-678	-678
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.03	AUD	ORD	810	810
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	34.03	AUD	ORD	1,460	1,460
15-Nov-19	BlackRock Investment Management, LLC	on mkt sell	34.11	AUD	ORD	-1,005	-1,005

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15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.17	AUD	ORD	1,080	1,080
15-Nov-19	BlackRock Japan Co., Ltd.	on mkt sell	34.03	AUD	ORD	-3,093	-3,093
15-Nov-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,016	-7,016
18-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,050	1,050
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.72	AUD	ORD	1,080	1,080
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	34.72	AUD	ORD	-3,537	-3,537
19-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,264	3,264
19-Nov-19	BlackRock Investment Management, LLC	on mkt sell	34.68	AUD	ORD	-318	-318
19-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	34.71	AUD	ORD	-2,460	-2,460
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	34.67	AUD	ORD	-5,897	-5,897
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.62	AUD	ORD	1,080	1,080
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	34.62	AUD	ORD	146	146
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	34.62	AUD	ORD	146	146
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	338	338
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	34.11	AUD	ORD	-149	-149
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	34.11	AUD	ORD	-1,483	-1,483
21-Nov-19	BlackRock Investment Management, LLC	on mkt sell	34.07	AUD	ORD	-1,458	-1,458
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	34.06	AUD	ORD	540	540
22-Nov-19	BlackRock Investment Management, LLC	on mkt sell	34.74	AUD	ORD	-349	-349
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,339	1,339
26-Nov-19	BlackRock Investment Management, LLC	on mkt buy	34.86	AUD	ORD	1,512	1,512
26-Nov-19	BlackRock Investment Management, LLC	on mkt sell	35.02	AUD	ORD	-1,203	-1,203
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.25	AUD	ORD	-2,266	-2,266
26-Nov-19	BlackRock Fund Advisors	on mkt sell	35.25	AUD	ORD	-4,151	-4,151
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	35.25	AUD	ORD	902	902
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	35.25	AUD	ORD	5,515	5,515
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.25	AUD	ORD	-2,793	-2,793
26-Nov-19	BlackRock Fund Advisors	on mkt sell	35.25	AUD	ORD	-5,113	-5,113
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,090	3,090
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.72	AUD	ORD	-2,672	-2,672
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.71	AUD	ORD	-5,498	-5,498
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	35.72	AUD	ORD	351	351
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.71	AUD	ORD	-1,960	-1,960
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,190	6,190
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,095	3,095
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,632	1,632
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	35.83	AUD	ORD	-1,765	-1,765
28-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	36.11	AUD	ORD	3,019	3,019
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	35.68	AUD	ORD	1,080	1,080
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	35.85	AUD	ORD	-1,031	-1,031
29-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,472	2,472
02-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-42,007	-42,007
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	36.04	AUD	ORD	40	40
03-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	36.04	AUD	ORD	-2,531	-2,531
03-Dec-19	BlackRock Japan Co., Ltd.	on mkt sell	36.03	AUD	ORD	-1,947	-1,947

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03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy 35.53	AUD	ORD 742	742
03-Dec-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 3,095	3,095
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.27	AUD	ORD -3,136	-3,136
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.27	AUD	ORD -2,483	-2,483
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.27	AUD	ORD -2,015	-2,015
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.27	AUD	ORD -5,244	-5,244
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.25	AUD	ORD -2,832	-2,832
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 35.25	AUD	ORD 135	135
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 35.25	AUD	ORD 810	810
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.25	AUD	ORD -3,614	-3,614
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 35.25	AUD	ORD 2,116	2,116
04-Dec-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,242	1,242
04-Dec-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,484	2,484
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy 35.95	AUD	ORD 106	106
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy 35.93	AUD	ORD 2,456	2,456
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy 35.93	AUD	ORD 658	658
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy 35.93	AUD	ORD 653	653
05-Dec-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,484	2,484
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy 35.56	AUD	ORD 149	149
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.54	AUD	ORD -2,616	-2,616
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.54	AUD	ORD -2,126	-2,126
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 36.00	AUD	ORD 540	540
06-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy 36.00	AUD	ORD 237	237
09-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 35.61	AUD	ORD 1,350	1,350
09-Dec-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,863	1,863
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -29,225	-29,225
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 35.56	AUD	ORD -1,384	-1,384
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 35.58	AUD	ORD 1,620	1,620
10-Dec-19	BlackRock Fund Advisors	in specie n/a	AUD	ORD 3,732	3,732
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt sell 34.66	AUD	ORD -413	-413
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell 34.66	AUD	ORD -114	-114
11-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell 34.65	AUD	ORD -1,177	-1,177
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell 34.64	AUD	ORD -64	-64
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell 34.64	AUD	ORD -63	-63
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy 34.67	AUD	ORD 154	154
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy 34.67	AUD	ORD 239	239
12-Dec-19	BlackRock Investment Management (Australia) Limited	in specie n/a	AUD	ORD 5,701	5,701
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell 34.21	AUD	ORD -431	-431
12-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy 34.31	AUD	ORD 1,755	1,755
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell 34.72	AUD	ORD -3,175	-3,175

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13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -673	-673
13-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -533	-533
13-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 211	211
16-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD -680	-680
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 308	308
17-Dec-19	BLACKROCK ADVISORS, LLC	on mkt sell	AUD	ORD -10,859	-10,859
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,350	1,350
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -513	-513
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,482	-1,482
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,677	1,677
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,862	10,862
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,603	1,603
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 615	615
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 80	80
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 81	81
20-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 14,378	14,378
20-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 15,618	15,618
20-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 823	823
20-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 21,407	21,407
20-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,490	3,490
20-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 8,749	8,749
23-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD -924	-924
23-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 3,878	3,878
23-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	AUD	ORD 4,212	4,212
23-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 221	221
23-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 5,773	5,773
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 308	308
24-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,323	2,323
24-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 270	270
27-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 810	810
30-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,123	2,123
30-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 68	68
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 154	154
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 154	154
31-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 68	68
31-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,355	-1,355
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,215	1,215
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 270	270
03-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,735	-2,735
06-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,062	3,062
06-Jan-20	BlackRock Fund Advisors	in specie	AUD	ORD 1,220	1,220
07-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,716	-1,716
07-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 154	154

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08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.56	AUD	ORD	106	106
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.66	AUD	ORD	1,196	1,196
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.66	AUD	ORD	2,655	2,655
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.59	AUD	ORD	7,686	7,686
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,440	2,440
09-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.36	AUD	ORD	101	101
09-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.47	AUD	ORD	-1,716	-1,716
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	35.47	AUD	ORD	308	308
10-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.91	AUD	ORD	193	193
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	35.76	AUD	ORD	154	154
10-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,660	3,660
13-Jan-20	BlackRock Investment Management, LLC	on mkt buy	35.39	AUD	ORD	1,753	1,753
13-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.90	AUD	ORD	6,204	6,204
14-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.24	AUD	ORD	108	108
14-Jan-20	BlackRock Investment Management, LLC	on mkt buy	36.31	AUD	ORD	1,186	1,186
14-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.20	AUD	ORD	-1,996	-1,996
14-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.12	AUD	ORD	660	660
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	36.12	AUD	ORD	154	154
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,055	3,055
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.69	AUD	ORD	533	533
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.69	AUD	ORD	194	194
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.69	AUD	ORD	191	191
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.61	AUD	ORD	206	206
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.69	AUD	ORD	157	157
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.58	AUD	ORD	2,508	2,508
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,660	3,660
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.89	AUD	ORD	245	245
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	627	627
16-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.14	AUD	ORD	1,320	1,320
16-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-235	-235
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	38.75	AUD	ORD	57	57
17-Jan-20	BlackRock Investment Management, LLC	on mkt buy	38.83	AUD	ORD	6,417	6,417
17-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	38.44	AUD	ORD	190	190
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	38.44	AUD	ORD	154	154
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	38.44	AUD	ORD	462	462
20-Jan-20	BlackRock Investment Management, LLC	on mkt buy	38.49	AUD	ORD	1,945	1,945
20-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	38.48	AUD	ORD	-2,508	-2,508
20-Jan-20	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-355	-355
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	996	996
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	38.84	AUD	ORD	-1,764	-1,764
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	38.84	AUD	ORD	-244	-244

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22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.01	AUD	ORD	2,640	2,640
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,428	2,428
23-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.42	AUD	ORD	74	74
23-Jan-20	BlackRock Investment Management, LLC	on mkt buy	39.19	AUD	ORD	2,744	2,744
23-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.41	AUD	ORD	-2,600	-2,600
24-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	40.06	AUD	ORD	127	127
24-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	40.06	AUD	ORD	445	445
24-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	40.04	AUD	ORD	1,320	1,320
24-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	40.04	AUD	ORD	154	154
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,970	2,970
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,465	3,465
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,950	4,950
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	840	840
28-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.30	AUD	ORD	-1,456	-1,456
28-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.30	AUD	ORD	-2,781	-2,781
28-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.30	AUD	ORD	-5,311	-5,311
28-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.30	AUD	ORD	-901	-901
28-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	39.30	AUD	ORD	-724	-724
28-Jan-20	BlackRock Asset Management Canada Limited	on mkt sell	39.30	AUD	ORD	-1,183	-1,183
28-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.30	AUD	ORD	-2,072	-2,072
28-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.30	AUD	ORD	-1,407	-1,407
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,212	1,212
29-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,515	1,515
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ORD	-2,908	-2,908
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ORD	-3,600	-3,600
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ORD	-4,210	-4,210
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ORD	-3,151	-3,151
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ORD	-7,600	-7,600
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ORD	-409	-409
29-Jan-20	BlackRock Japan Co., Ltd.	on mkt sell	39.45	AUD	ORD	-377	-377
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.37	AUD	ORD	264	264
29-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,515	1,515
30-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.28	AUD	ORD	129	129
30-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,515	1,515
30-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.19	AUD	ORD	-1,946	-1,946
30-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,727	2,727
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	310	310
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	905	905
31-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	39.81	AUD	ORD	-2,605	-2,605
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.83	AUD	ORD	8,488	8,488
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.83	AUD	ORD	4,405	4,405
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.83	AUD	ORD	-1,417	-1,417

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
03-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.15	AUD	ORD	103	103
03-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.21	AUD	ORD	792	792
03-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.21	AUD	ORD	1,125	1,125
03-Feb-20	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-281	-281
04-Feb-20	BlackRock Investment Management, LLC	on mkt buy	39.53	AUD	ORD	2,152	2,152
04-Feb-20	BlackRock Investment Management, LLC	on mkt buy	39.53	AUD	ORD	29,898	29,898
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,020	1,020
04-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.77	AUD	ORD	1,188	1,188
04-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.77	AUD	ORD	528	528
04-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.77	AUD	ORD	211	211
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	800	800
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,344	1,344
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,280	1,280
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	40.83	AUD	ORD	-3,209	-3,209
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	40.83	AUD	ORD	-4,247	-4,247
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	40.83	AUD	ORD	-2,074	-2,074
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	40.83	AUD	ORD	-5,005	-5,005
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	40.83	AUD	ORD	-2,361	-2,361
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	40.79	AUD	ORD	-370	-370
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.01	AUD	ORD	-1,716	-1,716
06-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	41.05	AUD	ORD	-3,993	-3,993
06-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	41.05	AUD	ORD	-8,130	-8,130
06-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	41.05	AUD	ORD	-1,002	-1,002
06-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	41.05	AUD	ORD	-2,459	-2,459
06-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	41.28	AUD	ORD	-3,796	-3,796
07-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,030	3,030
07-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	41.45	AUD	ORD	-276	-276
07-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	41.59	AUD	ORD	528	528
10-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	41.63	AUD	ORD	-276	-276
10-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	41.66	AUD	ORD	1,188	1,188
11-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.71	AUD	ORD	-2,740	-2,740
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.46	AUD	ORD	-2,077	-2,077
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,218	1,218
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,313	1,313
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.35	AUD	ORD	-3,539	-3,539
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.35	AUD	ORD	-4,951	-4,951
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.35	AUD	ORD	-2,034	-2,034
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.35	AUD	ORD	-4,904	-4,904
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	41.35	AUD	ORD	-420	-420
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	41.21	AUD	ORD	154	154

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
13-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell 41.73	AUD	ORD -1,955	-1,955
14-Feb-20	BlackRock Investment Management, LLC	on mkt buy 41.72	AUD	ORD 5,359	5,359
14-Feb-20	BlackRock Investment Management, LLC	on mkt buy 41.72	AUD	ORD 30,827	30,827
14-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 41.82	AUD	ORD 1,188	1,188
18-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell 37.98	AUD	ORD -2,348	-2,348
18-Feb-20	BLACKROCK ADVISORS, LLC	on mkt buy 37.95	AUD	ORD 111,500	111,500
18-Feb-20	BLACKROCK ADVISORS, LLC	on mkt buy 37.95	AUD	ORD 33,800	33,800
18-Feb-20	BLACKROCK ADVISORS, LLC	on mkt buy 37.95	AUD	ORD 73,400	73,400
18-Feb-20	BlackRock Investment Management, LLC	on mkt buy 37.95	AUD	ORD 18,600	18,600
18-Feb-20	BlackRock Investment Management, LLC	on mkt buy 37.95	AUD	ORD 122,000	122,000
18-Feb-20	BlackRock Asset Management Canada Limited	in specie n/a	AUD	ORD -1,143	-1,143
19-Feb-20	BlackRock Investment Management, LLC	on mkt buy 38.00	AUD	ORD 4,313	4,313
19-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 37.44	AUD	ORD 2,199	2,199
19-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 37.44	AUD	ORD 5,201	5,201
19-Feb-20	BlackRock Investment Management, LLC	on mkt buy 38.00	AUD	ORD 56,809	56,809
19-Feb-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 440	440
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 37.32	AUD	ORD -4,136	-4,136
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 37.32	AUD	ORD -1,665	-1,665
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 37.32	AUD	ORD -1,638	-1,638
19-Feb-20	BLACKROCK ADVISORS, LLC	on mkt sell 37.27	AUD	ORD -925	-925
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 37.27	AUD	ORD -1,916	-1,916
19-Feb-20	BlackRock Investment Management (Australia) Limited	in specie n/a	AUD	ORD 14,949	14,949
19-Feb-20	BlackRock Investment Management, LLC	on mkt buy 37.30	AUD	ORD 541	541
20-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 36.28	AUD	ORD -552	-552
20-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 36.22	AUD	ORD 4,640	4,640
20-Feb-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,700	1,700
20-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 35.88	AUD	ORD 68	68
20-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy 35.88	AUD	ORD 2,973	2,973
20-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy 35.88	AUD	ORD 371	371
21-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell 34.41	AUD	ORD -1,188	-1,188
24-Feb-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -528	-528
24-Feb-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD -660	-660
25-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 32.55	AUD	ORD 1,452	1,452
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 31.82	AUD	ORD 4,676	4,676
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 31.82	AUD	ORD 2,962	2,962
26-Feb-20	BlackRock Fund Advisors	in specie n/a	AUD	ORD 267	267
26-Feb-20	BlackRock Japan Co., Ltd.	on mkt sell 31.75	AUD	ORD -493	-493
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 31.68	AUD	ORD -1,885	-1,885
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 31.68	AUD	ORD -387	-387
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell 31.68	AUD	ORD -375	-375
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy 31.84	AUD	ORD 1,320	1,320

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-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	31.84	AUD	ORD	1,188	1,188
27-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	31.45	AUD	ORD	61	61
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	31.45	AUD	ORD	8,331	8,331
27-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	31.14	AUD	ORD	926	926
28-Feb-20	BLACKROCK ADVISORS, LLC	on mkt buy	30.40	AUD	ORD	36,266	36,266
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	891	891
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	30.80	AUD	ORD	1,172	1,172
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	30.80	AUD	ORD	726	726
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	30.80	AUD	ORD	2,345	2,345
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	30.80	AUD	ORD	4,663	4,663
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	30.80	AUD	ORD	1,075	1,075
28-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.80	AUD	ORD	7,887	7,887
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,660	-3,660
02-Mar-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,550	1,550
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	462	462
02-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	32.00	AUD	ORD	-396	-396
02-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	32.00	AUD	ORD	-68	-68
02-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	32.00	AUD	ORD	728	728
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,249	-4,249
03-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	32.32	AUD	ORD	4,422	4,422
03-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	32.01	AUD	ORD	516	516
04-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.86	AUD	ORD	28,373	28,373
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.71	AUD	ORD	-910	-910
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.71	AUD	ORD	-91	-91
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	30.71	AUD	ORD	-88	-88
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	30.51	AUD	ORD	1,194	1,194
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,432	-2,432
05-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	356	356
05-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	31.07	AUD	ORD	2,765	2,765
05-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	30.85	AUD	ORD	8,976	8,976
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	30.07	AUD	ORD	122,717	122,717
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	267	267
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	178	178
06-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	29.69	AUD	ORD	-1,320	-1,320
09-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	27.88	AUD	ORD	111	111
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,880	-4,880
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,830	-1,830
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,050	-3,050
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-182	-182
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-1,763	-1,763
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-602	-602
10-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	27.95	AUD	ORD	-3,886	-3,886
10-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	27.95	AUD	ORD	-1,574	-1,574
10-Mar-20	BlackRock International Limited	on mkt sell	27.95	AUD	ORD	-1,568	-1,568

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-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-11,223	-11,223
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-1,124	-1,124
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-3,479	-3,479
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	27.95	AUD	ORD	-2,387	-2,387
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	27.95	AUD	ORD	-1,900	-1,900
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-1,945	-1,945
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	28.05	AUD	ORD	276	276
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.56	AUD	ORD	-8,844	-8,844
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	28.56	AUD	ORD	4,825	4,825
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.39	AUD	ORD	-5,521	-5,521
11-Mar-20	BLACKROCK ADVISORS, LLC	on mkt buy	28.42	AUD	ORD	48,830	48,830
11-Mar-20	BlackRock Investment Management, LLC	on mkt buy	28.42	AUD	ORD	1,952	1,952
11-Mar-20	BlackRock Investment Management, LLC	on mkt buy	28.42	AUD	ORD	39,744	39,744
11-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	28.36	AUD	ORD	-650	-650
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
11-Mar-20	BlackRock Investment Management, LLC	on mkt sell	28.40	AUD	ORD	-1,472	-1,472
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	28.40	AUD	ORD	-573	-573
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	28.40	AUD	ORD	-157	-157
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	28.40	AUD	ORD	-996	-996
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.40	AUD	ORD	-520	-520
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.40	AUD	ORD	-2,003	-2,003
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.40	AUD	ORD	-1,417	-1,417
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.40	AUD	ORD	-1,158	-1,158
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.40	AUD	ORD	-1,939	-1,939
11-Mar-20	BlackRock Japan Co., Ltd.	on mkt sell	28.40	AUD	ORD	-1,654	-1,654
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	28.40	AUD	ORD	-2,982	-2,982
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	28.35	AUD	ORD	-5,001	-5,001
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	28.43	AUD	ORD	22,593	22,593
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.42	AUD	ORD	-7,441	-7,441
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	28.00	AUD	ORD	-792	-792
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	28.00	AUD	ORD	14,617	14,617

13-Mar-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 15,867	15,867	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 115,862	115,862	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - 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 139,709	139,709	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 20,602	20,602	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 (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.
BLACKROCK ADVISORS, LLC	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 1,220	1,220	Subsidiary of BlackRock, Inc.
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 795,665	795,665	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 918,766	918,766	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - 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 5,133	5,133	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	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 2,261	2,261	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.	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 5,838	5,838	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	HSBC-HSBC, 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 697	697	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 FINANCIAL MANAGEMENT, INC.	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 1,071	1,071	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	Mitsubishi UFJ Investor Services & Banking Lux S.A		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 648	648	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	SSB-STATE STATE 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 20,874	20,874	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 31,756	31,756	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 1,219,655	1,219,655	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 59,327	59,327	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 11,884	11,884	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 6,301	6,301	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 797,950	797,950	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	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 3,506	3,506	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 53,780	53,780	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 403	403	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 7,135	7,135	Subsidiary of BlackRock, Inc.
BlackRock International Limited	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 15,613	15,613	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 15,518	15,518	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 183,702	183,702	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 487,487	487,487	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 611,748	611,748	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	108,580	108,580	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	5,701	5,701	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	129,146	129,146	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	46,816	46,816	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	70,525	70,525	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - 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	1,721	1,721	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 95,416	95,416	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK 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 475	475	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		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 591	591	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 964,770	964,770	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 29,333	29,333	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	JPM-JPM CHASE - 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 2,374	2,374	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 856	856	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET BANK 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 460	460	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	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 2,749	2,749	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JPM CHASE - 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 3,343	3,343	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 95,825	95,825	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 62,618	62,618	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 24,413	24,413	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 548,018	548,018	Subsidiary of BlackRock, Inc.

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

13-Mar-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)