

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To, Company Name/Scheme CHARTER HALL RETAIL REITACN/ARSN 093 143 965**1. Details of substantial holder (1)**Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable) to this form)The holder became a substantial holder on 05 / 05 / 2020**2. Details of voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ord	28,515,796	28,515,796	5.08

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Annexure A		

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
see Annexure A			

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
see Annexure B				

6. Associates

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

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

7. Addresses

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

Name	Address
see Annexure C	

Signature

print name Maria Tricarico

capacity Authorised Signatory*

sign here

date 07 / 05 / 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 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, 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.

This is Annexure A of 5 pages referred to in form 603 Notice of initial substantial shareholder

Annexure A

Maria Tricarico,
Authorised Signatory

07-May-20
Date

- 3. Details of Relevant Interests
- 4. Details of present registered holders
- 6. Associates

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	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.	SSB-STATE STREET LONDON		ORD195,701	195,701	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	JPM-JPM CHASE - LONDON		ORD541,768	541,768	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	SSB-STATE STREET DUBLIN		ORD1,201,447	1,201,447	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	STATE STREET BANK, MUNICH, ZURICH BRANCH		ORD39,448	39,448	subsidiary of BlackRock Inc.
BLACKROCK ADVISORS, LLC	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.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD400,024	400,024	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 429,878	429,878	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	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.	SSB-STATE STREET SACRAMENTO		ORD 80,453	80,453	subsidiary of BlackRock Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ORD 107,610	107,610	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	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.	SSB-STATE STREET BANK, BOSTON		ORD 747,932	747,932	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	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.	SSB-STATE STREET SACRAMENTO		ORD 4,026,001	4,026,001	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	BNYM-THE BANK OF NEW YORK		ORD 926,073	926,073	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 6,053,783	6,053,783	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 522,544	522,544	subsidiary of BlackRock Inc.
BlackRock International Limited	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 213,274	213,274	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 1,151	1,151	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	CITI-CITIBANK, HONG KONG		ORD 47,323	47,323	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	HSBC-HSBC SYDNEY		ORD 722,152	722,152	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	JPM-JPM CHASE - SYDNEY		ORD 1,113,854	1,113,854	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 2,161,646	2,161,646	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	Northern Trust Singapore		ORD 506,032	506,032	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	SSB-STATE STREET AUSTRALIA		ORD 129,128	129,128	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	SSB-STATE STREET SINGAPORE		ORD 21,972	21,972	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	UBS- UBS- ZURICH		ORD 975,235	975,235	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities		Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	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.	BNYM-BANK OF NY BRUS		ORD	200,006	200,006	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	BNYM-BONY EUROPE - LONDON		ORD	980,130	980,130	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH		ORD	24,418	24,418	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	JPM-JP MORGAN FRANKFURT		ORD	25,826	25,826	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	NT-NORTHERN TRUST UK		ORD	152,112	152,112	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	SSB-STATE STATE HONG KONG		ORD	8,157	8,157	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	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.	BNYM-BONY LUXEMBOURG		ORD	22,786	22,786	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	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.	BNYM-THE BANK OF NEW YORK		ORD	127,510	127,510	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD	16,767	16,767	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Japan Co., Ltd.	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 11,061	11,061	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	JPM-JPM CHASE - SYDNEY		ORD 202,385	202,385	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 265,385	265,385	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	Northern Trust Singapore		ORD 27,080	27,080	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	JPM-JPM CHASE - SYDNEY		ORD 5,287,744	5,287,744	subsidiary of BlackRock Inc.

This is Annexure B of 8 pages referred to in form 603 Notice of initial substantial shareholder

07-May-20

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

CHARTER HALL RETAIL UNITS (CQR)								
Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Fund Advisors	06-Jan-20	no	n/a	in specie	AUD	ORD	3,240	3,240
BlackRock Fund Advisors	06-Jan-20	no	n/a	in specie	AUD	ORD	2,520	2,520
BlackRock Advisors (UK) Limited	06-Jan-20	yes	4.31	on mkt buy	AUD	ORD	3,447	3,447
BlackRock Institutional Trust Company, National Association	06-Jan-20	yes	4.31	on mkt buy	AUD	ORD	8,208	8,208
BlackRock Institutional Trust Company, National Association	06-Jan-20	yes	4.31	on mkt buy	AUD	ORD	35,497	35,497
BlackRock Fund Advisors	06-Jan-20	no	n/a	in specie	AUD	ORD	3,790	3,790
BlackRock Investment Management (Australia) Limited	07-Jan-20	no	n/a	in specie	AUD	ORD	129,128	129,128
BlackRock Advisors (UK) Limited	07-Jan-20	yes	4.35	on mkt buy	AUD	ORD	515	515
BLACKROCK ADVISORS, LLC	07-Jan-20	yes	4.35	on mkt buy	AUD	ORD	20,280	20,280
BlackRock Investment Management (Australia) Limited	08-Jan-20	yes	4.33	on mkt buy	AUD	ORD	22,526	22,526
BlackRock Investment Management (Australia) Limited	08-Jan-20	yes	4.32	on mkt buy	AUD	ORD	1,247	1,247
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	3,120	3,120
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	7,616	7,616
BlackRock Fund Advisors	09-Jan-20	no	n/a	in specie	AUD	ORD	2,520	2,520
BlackRock Advisors (UK) Limited	09-Jan-20	yes	4.38	on mkt buy	AUD	ORD	1,030	1,030
BlackRock Investment Management (UK) Limited	10-Jan-20	yes	4.43	on mkt buy	AUD	ORD	63,030	63,030
BlackRock Advisors (UK) Limited	10-Jan-20	yes	4.45	on mkt buy	AUD	ORD	515	515
BlackRock Institutional Trust Company, National Association	10-Jan-20	yes	4.45	on mkt buy	AUD	ORD	279	279
BlackRock Fund Advisors	10-Jan-20	no	n/a	in specie	AUD	ORD	11,376	11,376
BlackRock Investment Management (Australia) Limited	13-Jan-20	yes	4.46	on mkt buy	AUD	ORD	19,223	19,223
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	4.50	on mkt buy	AUD	ORD	2,045	2,045
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	4.50	on mkt buy	AUD	ORD	3,744	3,744
BlackRock Advisors (UK) Limited	14-Jan-20	yes	4.50	on mkt buy	AUD	ORD	515	515
BlackRock Fund Advisors	14-Jan-20	no	n/a	in specie	AUD	ORD	9,520	9,520
BlackRock Investment Management (Australia) Limited	15-Jan-20	yes	4.54	on mkt buy	AUD	ORD	7,771	7,771
BlackRock Fund Advisors	15-Jan-20	no	n/a	in specie	AUD	ORD	11,472	11,472
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	2,964	2,964
BlackRock Investment Management (Australia) Limited	16-Jan-20	yes	4.58	on mkt buy	AUD	ORD	4,090	4,090
BlackRock Advisors (UK) Limited	16-Jan-20	yes	4.58	on mkt buy	AUD	ORD	1,466	1,466
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	1,872	1,872
BlackRock Fund Advisors	17-Jan-20	no	n/a	in specie	AUD	ORD	2,880	2,880
BlackRock Fund Advisors	17-Jan-20	no	n/a	in specie	AUD	ORD	2,160	2,160
BlackRock Advisors (UK) Limited	17-Jan-20	yes	4.58	on mkt buy	AUD	ORD	1,466	1,466
BlackRock Advisors (UK) Limited	17-Jan-20	yes	4.58	on mkt buy	AUD	ORD	515	515
BlackRock Advisors (UK) Limited	17-Jan-20	yes	4.58	on mkt buy	AUD	ORD	1,545	1,545
BlackRock Investment Management (Australia) Limited	17-Jan-20	yes	4.58	on mkt buy	AUD	ORD	3,433	3,433
BlackRock Fund Advisors	21-Jan-20	no	n/a	in specie	AUD	ORD	3,600	3,600
BlackRock Fund Advisors	21-Jan-20	no	n/a	in specie	AUD	ORD	2,160	2,160
BlackRock Advisors (UK) Limited	21-Jan-20	yes	4.63	on mkt buy	AUD	ORD	1,466	1,466
BlackRock Fund Advisors	21-Jan-20	no	n/a	in specie	AUD	ORD	5,802	5,802
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	4.64	on mkt buy	AUD	ORD	8,180	8,180
BlackRock Fund Advisors	22-Jan-20	no	n/a	in specie	AUD	ORD	7,552	7,552
BlackRock Fund Advisors	22-Jan-20	no	n/a	in specie	AUD	ORD	3,868	3,868
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	1,800	1,800
BlackRock Investment Management (Australia) Limited	24-Jan-20	yes	4.67	on mkt buy	AUD	ORD	4,090	4,090
BlackRock Advisors (UK) Limited	24-Jan-20	yes	4.67	on mkt buy	AUD	ORD	515	515
BlackRock Advisors (UK) Limited	24-Jan-20	yes	4.67	on mkt buy	AUD	ORD	52,030	52,030
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	9,480	9,480

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	11,060	11,060
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	15,800	15,800
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD	2,880	2,880
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD	3,984	3,984
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD	4,980	4,980
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	4.76	on mkt buy	AUD	ORD	44,853	44,853
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	4.76	on mkt buy	AUD	ORD	818	818
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD	4,980	4,980
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD	4,980	4,980
BlackRock Asset Management Canada Limited	30-Jan-20	yes	4.68	on mkt buy	AUD	ORD	26,463	26,463
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD	8,964	8,964
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	1,103	1,103
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	3,359	3,359
BlackRock Fund Advisors	31-Jan-20	no	n/a	in specie	AUD	ORD	2,880	2,880
BlackRock Investment Management (Australia) Limited	31-Jan-20	yes	4.73	on mkt buy	AUD	ORD	20,146	20,146
BlackRock Institutional Trust Company, National Association	31-Jan-20	yes	4.71	on mkt buy	AUD	ORD	16,556	16,556
BlackRock Institutional Trust Company, National Association	31-Jan-20	yes	4.71	on mkt buy	AUD	ORD	34,302	34,302
BlackRock Fund Advisors	03-Feb-20	no	n/a	in specie	AUD	ORD	2,160	2,160
BlackRock Institutional Trust Company, National Association	03-Feb-20	yes	4.70	on mkt buy	AUD	ORD	300,000	300,000
BlackRock Institutional Trust Company, National Association	03-Feb-20	yes	4.69	on mkt buy	AUD	ORD	122,215	122,215
BlackRock Investment Management (Australia) Limited	03-Feb-20	yes	4.70	on mkt buy	AUD	ORD	2,454	2,454
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	2,880	2,880
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	4.79	on mkt buy	AUD	ORD	3,681	3,681
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	4.79	on mkt buy	AUD	ORD	1,636	1,636
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	3,900	3,900
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	6,552	6,552
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	6,240	6,240
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	4.86	on mkt buy	AUD	ORD	13,317	13,317
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	4.86	on mkt buy	AUD	ORD	44,754	44,754
BlackRock Fund Advisors	06-Feb-20	no	n/a	in specie	AUD	ORD	1,800	1,800
BlackRock Fund Advisors	06-Feb-20	no	n/a	in specie	AUD	ORD	4,497	4,497
BlackRock Institutional Trust Company, National Association	07-Feb-20	yes	4.92	on mkt buy	AUD	ORD	13,428	13,428
BlackRock Fund Advisors	07-Feb-20	no	n/a	in specie	AUD	ORD	9,960	9,960
BlackRock Advisors (UK) Limited	07-Feb-20	yes	4.92	on mkt buy	AUD	ORD	7,335	7,335
BlackRock Investment Management (Australia) Limited	07-Feb-20	yes	4.92	on mkt buy	AUD	ORD	1,636	1,636
BlackRock Investment Management (Australia) Limited	10-Feb-20	yes	4.85	on mkt buy	AUD	ORD	3,681	3,681
BlackRock Fund Advisors	11-Feb-20	no	n/a	in specie	AUD	ORD	1,080	1,080
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	4.93	on mkt buy	AUD	ORD	41,318	41,318
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	2,520	2,520
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	2,160	2,160
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	4,316	4,316
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	4.95	on mkt buy	AUD	ORD	1,248	1,248
BlackRock Advisors (UK) Limited	12-Feb-20	yes	4.95	on mkt buy	AUD	ORD	515	515
BlackRock Fund Advisors	13-Feb-20	no	n/a	in specie	AUD	ORD	4,320	4,320
BlackRock Advisors (UK) Limited	13-Feb-20	yes	4.96	on mkt buy	AUD	ORD	1,323	1,323
BlackRock Advisors (UK) Limited	13-Feb-20	yes	4.96	on mkt buy	AUD	ORD	18,522	18,522
BlackRock Institutional Trust Company, National Association	13-Feb-20	yes	4.96	on mkt buy	AUD	ORD	24,683	24,683
BlackRock Fund Advisors	14-Feb-20	no	n/a	in specie	AUD	ORD	1,800	1,800
BlackRock Fund Advisors	14-Feb-20	no	n/a	in specie	AUD	ORD	4,320	4,320
BlackRock Investment Management (Australia) Limited	14-Feb-20	yes	4.97	on mkt buy	AUD	ORD	3,681	3,681
BlackRock Advisors (UK) Limited	14-Feb-20	yes	4.97	on mkt buy	AUD	ORD	3,969	3,969
BlackRock Advisors (UK) Limited	18-Feb-20	yes	5.04	on mkt buy	AUD	ORD	7,938	7,938
BlackRock Advisors (UK) Limited	18-Feb-20	yes	5.04	on mkt buy	AUD	ORD	1,323	1,323
BlackRock Fund Advisors	18-Feb-20	no	n/a	in specie	AUD	ORD	5,760	5,760

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	5.03	on mkt buy	AUD	ORD	45,279	45,279
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	5.03	on mkt buy	AUD	ORD	17,691	17,691
BlackRock Investment Management (Australia) Limited	19-Feb-20	no	n/a	in specie	AUD	ORD	45,451	45,451
BlackRock Advisors (UK) Limited	19-Feb-20	yes	5.05	on mkt buy	AUD	ORD	3,343	3,343
BlackRock Advisors (UK) Limited	19-Feb-20	yes	5.05	on mkt buy	AUD	ORD	334	334
BlackRock Fund Advisors	20-Feb-20	no	n/a	in specie	AUD	ORD	5,372	5,372
BlackRock Fund Advisors	20-Feb-20	no	n/a	in specie	AUD	ORD	2,880	2,880
BlackRock Investment Management (Australia) Limited	20-Feb-20	yes	5.05	on mkt buy	AUD	ORD	2,372	2,372
BlackRock Advisors (UK) Limited	21-Feb-20	yes	4.88	on mkt buy	AUD	ORD	3,342	3,342
BlackRock Advisors (UK) Limited	21-Feb-20	yes	4.88	on mkt buy	AUD	ORD	1,323	1,323
BlackRock Fund Advisors	24-Feb-20	no	n/a	in specie	AUD	ORD	1,800	1,800
BlackRock Fund Advisors	25-Feb-20	no	n/a	in specie	AUD	ORD	3,600	3,600
BlackRock Investment Management (Australia) Limited	25-Feb-20	yes	4.91	on mkt buy	AUD	ORD	4,499	4,499
BlackRock Institutional Trust Company, National Association	26-Feb-20	no	n/a	in specie	AUD	ORD	196,300	196,300
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	4.83	on mkt buy	AUD	ORD	10,282	10,282
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	4.83	on mkt buy	AUD	ORD	45,737	45,737
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	4.83	on mkt buy	AUD	ORD	30,492	30,492
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	4.83	on mkt buy	AUD	ORD	60,984	60,984
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	4.84	on mkt buy	AUD	ORD	4,090	4,090
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	4.84	on mkt buy	AUD	ORD	3,681	3,681
BlackRock Advisors (UK) Limited	26-Feb-20	yes	4.84	on mkt buy	AUD	ORD	778	778
BlackRock Advisors (UK) Limited	26-Feb-20	yes	4.84	on mkt buy	AUD	ORD	1,382	1,382
BlackRock Fund Advisors	27-Feb-20	no	n/a	in specie	AUD	ORD	2,160	2,160
BlackRock Advisors (UK) Limited	27-Feb-20	yes	4.84	on mkt buy	AUD	ORD	10,026	10,026
BlackRock Institutional Trust Company, National Association	27-Feb-20	yes	4.84	on mkt buy	AUD	ORD	3,795	3,795
BlackRock Fund Advisors	28-Feb-20	no	n/a	in specie	AUD	ORD	4,239	4,239
BlackRock Advisors (UK) Limited	28-Feb-20	yes	4.72	on mkt buy	AUD	ORD	3,346	3,346
BlackRock Institutional Trust Company, National Association	28-Feb-20	yes	4.72	on mkt buy	AUD	ORD	87,893	87,893
BlackRock Institutional Trust Company, National Association	28-Feb-20	yes	4.72	on mkt buy	AUD	ORD	18,292	18,292
BlackRock Investment Management (Australia) Limited	28-Feb-20	yes	4.72	on mkt buy	AUD	ORD	74,336	74,336
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD	1,440	1,440
BlackRock Institutional Trust Company, National Association	02-Mar-20	no	n/a	in specie	AUD	ORD	4,944	4,944
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD	2,198	2,198
BlackRock Investment Management (Australia) Limited	02-Mar-20	yes	4.70	on mkt buy	AUD	ORD	48,547	48,547
BlackRock Institutional Trust Company, National Association	02-Mar-20	yes	4.71	on mkt buy	AUD	ORD	426,358	426,358
BlackRock Investment Management (Australia) Limited	02-Mar-20	yes	4.72	on mkt buy	AUD	ORD	3,522	3,522
BlackRock Investment Management (Australia) Limited	02-Mar-20	yes	4.72	on mkt buy	AUD	ORD	33,558	33,558
BlackRock Investment Management (Australia) Limited	02-Mar-20	yes	4.72	on mkt buy	AUD	ORD	4,691	4,691
BlackRock Institutional Trust Company, National Association	02-Mar-20	yes	4.72	on mkt buy	AUD	ORD	6,159	6,159
BlackRock Fund Advisors	03-Mar-20	yes	4.75	on mkt buy	AUD	ORD	8,215	8,215
BlackRock Fund Advisors	03-Mar-20	no	n/a	in specie	AUD	ORD	1,460	1,460
BlackRock Advisors (UK) Limited	03-Mar-20	yes	4.80	on mkt buy	AUD	ORD	3,343	3,343
BlackRock Institutional Trust Company, National Association	03-Mar-20	yes	4.80	on mkt buy	AUD	ORD	3,186	3,186
BlackRock Fund Advisors	04-Mar-20	no	n/a	in specie	AUD	ORD	3,650	3,650
BlackRock Investment Management (Australia) Limited	04-Mar-20	yes	4.80	on mkt buy	AUD	ORD	48,791	48,791
BlackRock Fund Advisors	04-Mar-20	yes	4.81	on mkt buy	AUD	ORD	1,900	1,900
BlackRock Investment Management (Australia) Limited	05-Mar-20	yes	4.94	on mkt buy	AUD	ORD	27,812	27,812
BlackRock Advisors (UK) Limited	05-Mar-20	yes	4.94	on mkt buy	AUD	ORD	9,996	9,996
BlackRock Institutional Trust Company, National Association	06-Mar-20	yes	4.91	on mkt buy	AUD	ORD	3,216	3,216

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	06-Mar-20	yes	4.91	on mkt buy	AUD	ORD 6,680	6,680
BlackRock Investment Management, LLC	06-Mar-20	yes	4.91	on mkt buy	AUD	ORD 4,265	4,265
BlackRock Institutional Trust Company, National Association	06-Mar-20	yes	4.91	on mkt buy	AUD	ORD 24,262	24,262
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD 5,110	5,110
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD 730	730
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD 3,650	3,650
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD 1,460	1,460
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.86	on mkt buy	AUD	ORD 3,340	3,340
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.86	on mkt buy	AUD	ORD 3,340	3,340
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.86	on mkt buy	AUD	ORD 349	349
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.86	on mkt buy	AUD	ORD 6,680	6,680
BlackRock Institutional Trust Company, National Association	10-Mar-20	yes	4.78	on mkt buy	AUD	ORD 32,472	32,472
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD 1,825	1,825
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD 3,140	3,140
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD 2,355	2,355
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	4.74	on mkt buy	AUD	ORD 49,508	49,508
BlackRock Institutional Trust Company, National Association	11-Mar-20	yes	4.72	on mkt buy	AUD	ORD 5,712	5,712
BlackRock Institutional Trust Company, National Association	11-Mar-20	yes	4.72	on mkt buy	AUD	ORD 2,708	2,708
BlackRock Institutional Trust Company, National Association	11-Mar-20	yes	4.72	on mkt buy	AUD	ORD 2,650	2,650
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	4.70	on mkt buy	AUD	ORD 58,441	58,441
BlackRock Japan Co., Ltd.	12-Mar-20	yes	4.60	on mkt buy	AUD	ORD 342	342
BlackRock Japan Co., Ltd.	12-Mar-20	yes	4.62	on mkt buy	AUD	ORD 387	387
BlackRock Investment Management (Australia) Limited	12-Mar-20	yes	4.45	on mkt buy	AUD	ORD 1,636	1,636
BlackRock Fund Advisors	12-Mar-20	no	n/a	in specie	AUD	ORD 1,984	1,984
BlackRock Investment Management (Australia) Limited	13-Mar-20	yes	4.35	on mkt buy	AUD	ORD 1,227	1,227
BlackRock Investment Management (Australia) Limited	13-Mar-20	yes	4.35	on mkt buy	AUD	ORD 129,870	129,870
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD 3,650	3,650
BlackRock Japan Co., Ltd.	16-Mar-20	yes	4.09	on mkt buy	AUD	ORD 273	273
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	3.90	on mkt buy	AUD	ORD 3,681	3,681
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	3.90	on mkt buy	AUD	ORD 818	818
BlackRock Advisors (UK) Limited	16-Mar-20	yes	3.90	on mkt buy	AUD	ORD 3,344	3,344
BlackRock Investment Management (UK) Limited	17-Mar-20	yes	3.81	on mkt buy	AUD	ORD 13,473	13,473
BlackRock Investment Management, LLC	17-Mar-20	yes	3.81	on mkt buy	AUD	ORD 5,217	5,217
BlackRock Investment Management (Australia) Limited	17-Mar-20	yes	3.80	on mkt buy	AUD	ORD 3,681	3,681
BlackRock Advisors (UK) Limited	17-Mar-20	yes	3.80	on mkt buy	AUD	ORD 1,324	1,324
BlackRock Advisors (UK) Limited	17-Mar-20	yes	3.80	on mkt buy	AUD	ORD 515	515
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	3.38	on mkt buy	AUD	ORD 1,636	1,636
BlackRock Advisors (UK) Limited	18-Mar-20	yes	3.38	on mkt buy	AUD	ORD 1,545	1,545
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	3.38	on mkt buy	AUD	ORD 11,600	11,600
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	3.21	on mkt buy	AUD	ORD 7,549	7,549
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	3.21	on mkt buy	AUD	ORD 19,607	19,607
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	3.21	on mkt buy	AUD	ORD 29,633	29,633
BlackRock Japan Co., Ltd.	19-Mar-20	yes	3.29	on mkt buy	AUD	ORD 198	198
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	2.95	on mkt buy	AUD	ORD 1,227	1,227
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	2.95	on mkt buy	AUD	ORD 2,697	2,697
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD 1,884	1,884
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.16	on mkt buy	AUD	ORD 2,863	2,863
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.16	on mkt buy	AUD	ORD 818	818
BlackRock Japan Co., Ltd.	20-Mar-20	yes	3.16	on mkt buy	AUD	ORD 182	182
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.16	on mkt buy	AUD	ORD 2,697	2,697
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD 3,420	3,420
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD 7,936	7,936

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	12,880	12,880
BlackRock Investment Management (Australia) Limited	23-Mar-20	yes	2.81	on mkt buy	AUD	ORD	409	409
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.82	on mkt buy	AUD	ORD	16,880	16,880
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.81	on mkt buy	AUD	ORD	1,325	1,325
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.81	on mkt buy	AUD	ORD	2,650	2,650
BlackRock Investment Management, LLC	23-Mar-20	yes	2.81	on mkt buy	AUD	ORD	11,379	11,379
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	3,852	3,852
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	5,475	5,475
BlackRock Investment Management (Australia) Limited	24-Mar-20	yes	2.96	on mkt buy	AUD	ORD	409	409
BlackRock Advisors (UK) Limited	24-Mar-20	yes	2.96	on mkt buy	AUD	ORD	327	327
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	4,710	4,710
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	1,570	1,570
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	3,140	3,140
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.27	on mkt buy	AUD	ORD	78,695	78,695
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.26	on mkt buy	AUD	ORD	34,811	34,811
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.20	on mkt buy	AUD	ORD	34,505	34,505
BlackRock Fund Advisors	25-Mar-20	no	n/a	in specie	AUD	ORD	2,816	2,816
BlackRock Japan Co., Ltd.	25-Mar-20	yes	3.21	on mkt buy	AUD	ORD	1,289	1,289
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.36	on mkt buy	AUD	ORD	1,248	1,248
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.36	on mkt buy	AUD	ORD	409	409
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.27	on mkt buy	AUD	ORD	3,975	3,975
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.36	on mkt buy	AUD	ORD	515	515
BLACKROCK FINANCIAL MANAGEMENT, INC.	25-Mar-20	yes	3.36	on mkt buy	AUD	ORD	4,111	4,111
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	4,928	4,928
BlackRock Investment Management (Australia) Limited	26-Mar-20	yes	3.51	on mkt buy	AUD	ORD	21,069	21,069
BlackRock Investment Management (Australia) Limited	26-Mar-20	yes	3.49	on mkt buy	AUD	ORD	4,503	4,503
BlackRock Investment Management (Australia) Limited	26-Mar-20	yes	3.51	on mkt buy	AUD	ORD	13,384	13,384
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	1,580	1,580
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	3,160	3,160
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	4,224	4,224
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	2,112	2,112
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	4,224	4,224
BlackRock Investment Management (Australia) Limited	27-Mar-20	yes	3.15	on mkt buy	AUD	ORD	31,210	31,210
BlackRock Investment Management (Australia) Limited	27-Mar-20	yes	2.96	on mkt buy	AUD	ORD	409	409
BlackRock Advisors (UK) Limited	27-Mar-20	yes	2.96	on mkt buy	AUD	ORD	3,388	3,388
BlackRock Fund Advisors	30-Mar-20	no	n/a	in specie	AUD	ORD	3,520	3,520
BlackRock Investment Management (Australia) Limited	30-Mar-20	yes	3.05	on mkt buy	AUD	ORD	1,636	1,636
BlackRock Investment Management (Australia) Limited	30-Mar-20	yes	3.05	on mkt buy	AUD	ORD	3,206	3,206
BlackRock Fund Advisors	30-Mar-20	yes	3.05	on mkt buy	AUD	ORD	1,848	1,848
BlackRock Fund Advisors	31-Mar-20	no	n/a	in specie	AUD	ORD	8,374	8,374
BlackRock Japan Co., Ltd.	31-Mar-20	yes	3.13	on mkt buy	AUD	ORD	234	234
BlackRock Investment Management (Australia) Limited	31-Mar-20	yes	3.11	on mkt buy	AUD	ORD	2,496	2,496
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.12	on mkt buy	AUD	ORD	13,652	13,652
BlackRock Institutional Trust Company, National Association	31-Mar-20	yes	3.11	on mkt buy	AUD	ORD	55,489	55,489
BlackRock Institutional Trust Company, National Association	31-Mar-20	yes	3.11	on mkt buy	AUD	ORD	69,803	69,803
BlackRock Investment Management (Australia) Limited	31-Mar-20	yes	3.11	on mkt buy	AUD	ORD	4,243	4,243
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	6,688	6,688
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	1,408	1,408
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	4,224	4,224
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	9,210	9,210
BlackRock Investment Management (Australia) Limited	01-Apr-20	yes	3.26	on mkt buy	AUD	ORD	21,343	21,343
BlackRock Investment Management (Australia) Limited	01-Apr-20	yes	3.26	on mkt buy	AUD	ORD	34,319	34,319
BlackRock Advisors (UK) Limited	01-Apr-20	yes	3.27	on mkt buy	AUD	ORD	2,575	2,575
BlackRock Asset Management Canada Limited	01-Apr-20	yes	3.27	on mkt buy	AUD	ORD	34,279	34,279

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BlackRock Institutional Trust Company, National Association	01-Apr-20	yes	3.27	on mkt buy	AUD	ORD	110,527	110,527
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	3,872	3,872
BlackRock Fund Advisors	02-Apr-20	no	n/a	in specie	AUD	ORD	5,632	5,632
BlackRock Fund Advisors	02-Apr-20	no	n/a	in specie	AUD	ORD	1,760	1,760
BlackRock Advisors (UK) Limited	02-Apr-20	yes	3.17	on mkt buy	AUD	ORD	13,672	13,672
BlackRock Investment Management (Australia) Limited	02-Apr-20	yes	3.17	on mkt buy	AUD	ORD	12,421	12,421
BlackRock Japan Co., Ltd.	03-Apr-20	yes	3.14	on mkt buy	AUD	ORD	551	551
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	3.01	on mkt buy	AUD	ORD	4,499	4,499
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	3.01	on mkt buy	AUD	ORD	818	818
BlackRock Advisors (UK) Limited	03-Apr-20	yes	3.00	on mkt buy	AUD	ORD	3,401	3,401
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	3.01	on mkt buy	AUD	ORD	42,532	42,532
BLACKROCK ADVISORS, LLC	03-Apr-20	yes	3.01	on mkt buy	AUD	ORD	30,757	30,757
BlackRock International Limited	03-Apr-20	yes	3.01	on mkt buy	AUD	ORD	40,968	40,968
BlackRock Fund Advisors	06-Apr-20	no	n/a	in specie	AUD	ORD	2,112	2,112
BlackRock Fund Advisors	06-Apr-20	no	n/a	in specie	AUD	ORD	5,632	5,632
BlackRock Fund Advisors	06-Apr-20	no	n/a	in specie	AUD	ORD	5,280	5,280
BlackRock Fund Advisors	06-Apr-20	no	n/a	in specie	AUD	ORD	2,112	2,112
BlackRock Investment Management (Australia) Limited	07-Apr-20	yes	3.18	on mkt buy	AUD	ORD	4,090	4,090
BlackRock Investment Management (Australia) Limited	07-Apr-20	yes	3.18	on mkt buy	AUD	ORD	884	884
BlackRock Advisors (UK) Limited	07-Apr-20	yes	3.18	on mkt buy	AUD	ORD	515	515
BlackRock Advisors (UK) Limited	07-Apr-20	yes	3.18	on mkt buy	AUD	ORD	1,030	1,030
BlackRock Fund Advisors	07-Apr-20	no	n/a	in specie	AUD	ORD	3,160	3,160
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	3.14	on mkt buy	AUD	ORD	714	714
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	3.14	on mkt buy	AUD	ORD	47,977	47,977
BlackRock Institutional Trust Company, National Association	08-Apr-20	yes	3.14	on mkt buy	AUD	ORD	12,889	12,889
BlackRock Institutional Trust Company, National Association	08-Apr-20	yes	3.14	on mkt buy	AUD	ORD	4,487	4,487
BlackRock Institutional Trust Company, National Association	08-Apr-20	yes	3.14	on mkt buy	AUD	ORD	4,473	4,473
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	3.16	on mkt buy	AUD	ORD	18,360	18,360
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	3.16	on mkt buy	AUD	ORD	3,672	3,672
BlackRock Advisors (UK) Limited	08-Apr-20	yes	3.15	on mkt buy	AUD	ORD	6,806	6,806
BlackRock Advisors (UK) Limited	08-Apr-20	yes	3.14	on mkt buy	AUD	ORD	2,648	2,648
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	3.16	on mkt buy	AUD	ORD	4,227	4,227
BlackRock Investment Management (UK) Limited	08-Apr-20	yes	3.16	on mkt buy	AUD	ORD	12,002	12,002
BlackRock Investment Management (Australia) Limited	09-Apr-20	yes	3.24	on mkt buy	AUD	ORD	2,040	2,040
BlackRock Fund Advisors	14-Apr-20	no	n/a	in specie	AUD	ORD	2,816	2,816
BlackRock Investment Management (Australia) Limited	14-Apr-20	yes	3.14	on mkt buy	AUD	ORD	8,411	8,411
BlackRock Investment Management (Australia) Limited	14-Apr-20	yes	3.23	on mkt buy	AUD	ORD	5,009	5,009
BlackRock Investment Management (Australia) Limited	15-Apr-20	yes	3.27	on mkt buy	AUD	ORD	40,667	40,667
BlackRock Investment Management (Australia) Limited	15-Apr-20	yes	3.27	on mkt buy	AUD	ORD	8,414	8,414
BlackRock Investment Management (Australia) Limited	15-Apr-20	yes	3.27	on mkt buy	AUD	ORD	58,708	58,708
BlackRock Institutional Trust Company, National Association	15-Apr-20	yes	3.27	on mkt buy	AUD	ORD	33,267	33,267
BlackRock Institutional Trust Company, National Association	15-Apr-20	yes	3.27	on mkt buy	AUD	ORD	9,489	9,489
BlackRock Institutional Trust Company, National Association	15-Apr-20	yes	3.27	on mkt buy	AUD	ORD	9,528	9,528
BlackRock Investment Management (Australia) Limited	15-Apr-20	yes	3.32	on mkt buy	AUD	ORD	2,626	2,626
BlackRock Advisors (UK) Limited	15-Apr-20	yes	3.32	on mkt buy	AUD	ORD	1,324	1,324
BlackRock Advisors (UK) Limited	15-Apr-20	yes	3.32	on mkt buy	AUD	ORD	515	515
BlackRock Fund Advisors	16-Apr-20	no	n/a	in specie	AUD	ORD	3,180	3,180
BlackRock Investment Management (Australia) Limited	17-Apr-20	yes	3.38	on mkt buy	AUD	ORD	2,626	2,626

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			Cash	Non-cash	CCY		
BlackRock Investment Management (Australia) Limited	17-Apr-20	yes	3.38	on mkt buy	AUD	ORD 408	408
BlackRock Fund Advisors	20-Apr-20	no	n/a	in specie	AUD	ORD 2,385	2,385
BlackRock Asset Management Canada Limited	20-Apr-20	yes	3.26	on mkt buy	AUD	ORD 32,107	32,107
BlackRock Investment Management (Australia) Limited	21-Apr-20	yes	3.13	on mkt buy	AUD	ORD 2,149	2,149
BlackRock Investment Management (Australia) Limited	21-Apr-20	yes	3.12	on mkt buy	AUD	ORD 3,672	3,672
BlackRock Investment Management (Australia) Limited	21-Apr-20	yes	3.12	on mkt buy	AUD	ORD 408	408
BlackRock Advisors (UK) Limited	21-Apr-20	yes	3.12	on mkt buy	AUD	ORD 1,324	1,324
BlackRock Fund Advisors	22-Apr-20	no	n/a	in specie	AUD	ORD 704	704
BlackRock Investment Management (Australia) Limited	22-Apr-20	yes	3.14	on mkt buy	AUD	ORD 5,555	5,555
BlackRock Investment Management (Australia) Limited	22-Apr-20	yes	3.14	on mkt buy	AUD	ORD 15,880	15,880
BlackRock Investment Management (Australia) Limited	22-Apr-20	yes	3.18	on mkt buy	AUD	ORD 1,632	1,632
BlackRock Institutional Trust Company, National Association	22-Apr-20	yes	3.18	on mkt buy	AUD	ORD 72,791	72,791
BlackRock Investment Management (UK) Limited	22-Apr-20	yes	3.18	on mkt buy	AUD	ORD 124,315	124,315
BlackRock Investment Management (Australia) Limited	24-Apr-20	yes	3.15	on mkt buy	AUD	ORD 3,073	3,073
BlackRock Investment Management (Australia) Limited	24-Apr-20	yes	3.15	on mkt buy	AUD	ORD 816	816
BlackRock Institutional Trust Company, National Association	28-Apr-20	yes	3.01	on mkt buy	AUD	ORD 15,693	15,693
BlackRock Investment Management (Australia) Limited	28-Apr-20	yes	3.00	on mkt buy	AUD	ORD 26,678	26,678
BlackRock Investment Management (Australia) Limited	29-Apr-20	yes	3.00	on mkt buy	AUD	ORD 12,590	12,590
BlackRock Investment Management (Australia) Limited	29-Apr-20	yes	3.00	on mkt buy	AUD	ORD 38,816	38,816
BlackRock Investment Management (Australia) Limited	29-Apr-20	yes	2.98	on mkt buy	AUD	ORD 2,496	2,496
BlackRock Investment Management (Australia) Limited	29-Apr-20	yes	2.98	on mkt buy	AUD	ORD 816	816
BlackRock Investment Management (Australia) Limited	30-Apr-20	yes	3.11	on mkt buy	AUD	ORD 17,918	17,918
BlackRock Investment Management (UK) Limited	30-Apr-20	yes	3.11	on mkt buy	AUD	ORD 10,999	10,999
BlackRock Investment Management, LLC	30-Apr-20	yes	3.11	on mkt buy	AUD	ORD 3,594	3,594
BlackRock Investment Management (Australia) Limited	30-Apr-20	yes	3.17	on mkt buy	AUD	ORD 1,224	1,224
BlackRock Investment Management (Australia) Limited	30-Apr-20	yes	3.17	on mkt buy	AUD	ORD 816	816
BlackRock Advisors (UK) Limited	30-Apr-20	yes	3.17	on mkt buy	AUD	ORD 71,436	71,436
BlackRock Institutional Trust Company, National Association	30-Apr-20	yes	3.17	on mkt buy	AUD	ORD 65,720	65,720
BlackRock Institutional Trust Company, National Association	30-Apr-20	yes	3.17	on mkt buy	AUD	ORD 26,443	26,443
BlackRock Asset Management Canada Limited	30-Apr-20	no	n/a	in specie	AUD	ORD 20,506	20,506
BlackRock Investment Management (UK) Limited	01-May-20	yes	3.04	on mkt buy	AUD	ORD 1,354	1,354
BlackRock Investment Management, LLC	01-May-20	yes	3.03	on mkt buy	AUD	ORD 6,767	6,767
BlackRock Investment Management (Australia) Limited	01-May-20	yes	3.03	on mkt buy	AUD	ORD 3,264	3,264
BlackRock Institutional Trust Company, National Association	01-May-20	yes	3.04	on mkt buy	AUD	ORD 350,000	350,000
BlackRock Investment Management (Australia) Limited	01-May-20	yes	3.03	on mkt buy	AUD	ORD 56,136	56,136
BlackRock Investment Management (Australia) Limited	04-May-20	yes	3.09	on mkt buy	AUD	ORD 2,431	2,431
BlackRock Investment Management (Australia) Limited	04-May-20	yes	3.09	on mkt buy	AUD	ORD 408	408
BlackRock Institutional Trust Company, National Association	04-May-20	yes	3.06	on mkt buy	AUD	ORD 502,100	502,100
BlackRock Investment Management, LLC	05-May-20	yes	3.13	on mkt buy	AUD	ORD 7,208	7,208
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD 163,617	163,617
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD 41,756	41,756

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	722,060	722,060
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	133,938	133,938
BlackRock Investment Management (UK) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	44,789	44,789
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD	511,264	511,264
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD	28,589	28,589
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD	164,121	164,121
BlackRock Investment Management, LLC	05-May-20	yes	3.08	on mkt buy	AUD	ORD	27,381	27,381
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	96,627	96,627
BlackRock Fund Advisors	05-May-20	yes	3.08	on mkt buy	AUD	ORD	9,625	9,625
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	113,433	113,433
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	50,121	50,121
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD	28,538	28,538
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	39,265	39,265
BLACKROCK FINANCIAL MANAGEMENT, INC.	05-May-20	yes	3.08	on mkt buy	AUD	ORD	18,000	18,000
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	4,641	4,641
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	19,037	19,037
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	57,338	57,338
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	74,021	74,021
BlackRock Investment Management (Australia) Limited	05-May-20	yes	3.08	on mkt buy	AUD	ORD	52,542	52,542
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD	8,297	8,297
BlackRock Institutional Trust Company, National Association	05-May-20	yes	3.08	on mkt buy	AUD	ORD	61,099	61,099

This is Annexure C of 1 pages referred to in form 603 Notice of initial substantial shareholder

Maria Tricarico,
Authorised Signatory

07-May-20
Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock 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)