

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme SANTOS LTDACN/ARSN 007 550 923**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 03 /04 /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	107,267,782	107,267,782	5.14

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 & D		

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 / 04 / 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 9 pages referred to in form 603 Notice of initial substantial shareholder

Annexure A

07-Apr-20

Date

Maria Tricarico,
Authorised Signatory

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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 92,109	92,109	subsidiary of BlackRock Inc.
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		ORD 299,364	299,364	subsidiary of BlackRock Inc.
BlackRock (Singapore) 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.	BNP Paribas Securities Services Singapore		ORD 21,790	21,790	subsidiary of BlackRock Inc.
BlackRock (Singapore) 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 35,278	35,278	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.	BNYM-BONY EUROPE - LONDON		ORD 2,293,339	2,293,339	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 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		ORD 1,504,972	1,504,972	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.	NT-NORTHERN TRUST UK		ORD 394,606	394,606	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		ORD 9,463,861	9,463,861	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		ORD 37,652	37,652	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.	BNYM-THE BANK OF NEW YORK		ORD 229,759	229,759	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 21,942	21,942	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		ORD 1,181,162	1,181,162	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.	BNYM-THE BANK OF NEW YORK		ORD 6,785	6,785	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 896,815	896,815	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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 28,487	28,487	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-SSB NEW YORK INSTITUTIONAL		ORD 78,557	78,557	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 272,524	272,524	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia 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 9,044	9,044	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia 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, HONG KONG		ORD 27,239	27,239	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia 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 2,182	2,182	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 41,858	41,858	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 113,731	113,731	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 168,747	168,747	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 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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 18,227	18,227	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.	NT-NORTHERN TRUST UK		ORD 289,952	289,952	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.	SSB-STATE STATE HONG KONG		ORD 119,494	119,494	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.	SSB-STATE STREET BANK & TRUST TORONTO		ORD 14,473	14,473	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 337,767	337,767	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 MUTUAL FUNDS - BOSTON		ORD 76,966	76,966	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 24,893,624	24,893,624	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 1,626,448	1,626,448	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 23,588,830	23,588,830	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 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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 298,293	298,293	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 614,841	614,841	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-STATE STATE HONG KONG		ORD 112,571	112,571	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-STATE STREET SACRAMENTO		ORD 4,389	4,389	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 63,238	63,238	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.	NT-NORTHERN TRUST UK		ORD 693,909	693,909	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 2,823,139	2,823,139	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 2,663,720	2,663,720	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 6,422,836	6,422,836	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.	Northern Trust Singapore		ORD 1,830,088	1,830,088	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 85,799	85,799	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.	AP7		ORD 860,200	860,200	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.	BNP PARIBAS LUX		ORD 7,485	7,485	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-BANK OF NY BRUS		ORD 1,110,189	1,110,189	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 920,585	920,585	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 LUXEMBOURG		ORD 2,006,950	2,006,950	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, LONDON		ORD 1,765,896	1,765,896	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.	HSBC-HSBC - LONDON		ORD 2,193,538	2,193,538	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 65,930	65,930	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-JPM CHASE - LONDON		ORD 65,889	65,889	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.	KAS-KAS BANK - AMSTERDAM		ORD 166,146	166,146	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.	Northern Trust Luxembourg		ORD 47,522	47,522	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 1,360,607	1,360,607	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.	SEB-SKANDINAVISKA ENSKILDA BANKEN		ORD 129,638	129,638	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 78,286	78,286	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 STREET BANK LUXEMBOURG		ORD 435,130	435,130	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.	SSB-STATE STREET BANK, GERMANY		ORD 124,700	124,700	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.	SSB-STATE STREET LONDON		ORD 657,076	657,076	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 71,832	71,832	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 1,121,319	1,121,319	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 1,049,551	1,049,551	subsidiary of BlackRock Inc.
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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 49,540	49,540	subsidiary of BlackRock Inc.
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 1,245,689	1,245,689	subsidiary of BlackRock Inc.
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.	SSB-State Street Bank And Trust Co.		ORD 848,109	848,109	subsidiary of BlackRock Inc.
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.	SSB-STATE STREET BANK, BOSTON		ORD 23,932	23,932	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 532,816	532,816	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 held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 943,129	943,129	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 100,973	100,973	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 5,484,718	5,484,718	subsidiary of BlackRock Inc.

This is Annexure B of 15 pages referred to in form 603 Notice of initial substantial shareholder

07-Apr-20

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

SANTOS LIMITED (STO)								
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 Asset Management Canada Limited	04-Dec-19	no	n/a	in specie	AUD	ORD	18,254	18,254
BlackRock Fund Advisors	04-Dec-19	no	n/a	in specie	AUD	ORD	15,348	15,348
BlackRock Investment Management (Australia) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	2,006	2,006
BlackRock Investment Management (Australia) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Investment Management (UK) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	23,493	23,493
BlackRock Investment Management (Australia) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	16,076	16,076
BLACKROCK ADVISORS, LLC	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	502	502
BLACKROCK FINANCIAL MANAGEMENT, INC.	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	52,966	52,966
BlackRock Investment Management, LLC	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	650,631	650,631
BlackRock Investment Management (UK) Limited	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	470,808	470,808
BlackRock Asset Management North Asia Limited	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	607	607
BlackRock Investment Management (UK) Limited	05-Dec-19	yes	8.02	on mkt buy	AUD	ORD	8,153	8,153
BlackRock Fund Advisors	05-Dec-19	no	n/a	in specie	AUD	ORD	35,679	35,679
BlackRock Advisors (UK) Limited	05-Dec-19	yes	8.14	on mkt buy	AUD	ORD	343	343
BlackRock Advisors (UK) Limited	05-Dec-19	yes	8.14	on mkt buy	AUD	ORD	343	343
BlackRock Institutional Trust Company, National Association	05-Dec-19	yes	8.14	on mkt buy	AUD	ORD	31,297	31,297
BlackRock Fund Advisors	05-Dec-19	no	n/a	in specie	AUD	ORD	7,416	7,416
BlackRock Japan Co., Ltd.	05-Dec-19	no	n/a	collateral transfer	AUD	ORD	79,728	79,728
BlackRock Investment Management (UK) Limited	05-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,201,041	1,201,041
BlackRock Investment Management (Australia) Limited	06-Dec-19	yes	8.09	on mkt buy	AUD	ORD	8,024	8,024
BlackRock Advisors (UK) Limited	06-Dec-19	yes	8.09	on mkt buy	AUD	ORD	3,903	3,903
BlackRock Fund Advisors	06-Dec-19	no	n/a	in specie	AUD	ORD	152	152
BlackRock Advisors (UK) Limited	06-Dec-19	no	n/a	collateral transfer	AUD	ORD	55,762	55,762
BlackRock Asset Management North Asia Limited	06-Dec-19	no	n/a	collateral transfer	AUD	ORD	4	4
BlackRock Investment Management (UK) Limited	09-Dec-19	no	n/a	in specie	AUD	ORD	7,548	7,548
BlackRock Investment Management, LLC	09-Dec-19	yes	8.19	on mkt buy	AUD	ORD	7,396	7,396
BlackRock Investment Management (Australia) Limited	09-Dec-19	yes	8.23	on mkt buy	AUD	ORD	20,060	20,060
BlackRock Institutional Trust Company, National Association	09-Dec-19	yes	8.23	on mkt buy	AUD	ORD	7,521	7,521
BlackRock Fund Advisors	09-Dec-19	no	n/a	in specie	AUD	ORD	924	924
BLACKROCK ADVISORS, LLC	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	6,547	6,547
BlackRock Advisors (UK) Limited	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	116,021	116,021
BLACKROCK FINANCIAL MANAGEMENT, INC.	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	63,056	63,056
BlackRock Investment Management, LLC	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	949,367	949,367
BlackRock Investment Management (UK) Limited	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	467,715	467,715
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	8,719	8,719
BlackRock Fund Advisors	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	3,158	3,158

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			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	4,283	4,283
BLACKROCK ADVISORS, LLC	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	14,264	14,264
BlackRock Institutional Trust Company, National Association	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	3,994	3,994
BLACKROCK ADVISORS, LLC	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	5,178	5,178
BlackRock International Limited	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	1,749	1,749
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	7,461	7,461
BlackRock Investment Management (Australia) Limited	10-Dec-19	yes	8.12	on mkt buy	AUD	ORD	24,072	24,072
BlackRock Advisors (UK) Limited	10-Dec-19	yes	8.12	on mkt buy	AUD	ORD	247	247
BlackRock Institutional Trust Company, National Association	10-Dec-19	yes	8.12	on mkt buy	AUD	ORD	11,394	11,394
BlackRock Advisors (UK) Limited	10-Dec-19	no	n/a	collateral transfer	AUD	ORD	159	159
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,340	2,340
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	3,120	3,120
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Investment Management (Australia) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	62,428	62,428
BlackRock Japan Co., Ltd.	11-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,540,580	1,540,580
BlackRock Investment Management (Australia) Limited	12-Dec-19	no	n/a	in specie	AUD	ORD	85,799	85,799
BlackRock Investment Management (Australia) Limited	12-Dec-19	yes	8.20	on mkt buy	AUD	ORD	26,078	26,078
BlackRock Advisors (UK) Limited	12-Dec-19	yes	8.20	on mkt buy	AUD	ORD	81,263	81,263
BlackRock Advisors (UK) Limited	12-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,904,642	1,904,642
BlackRock Investment Management (UK) Limited	12-Dec-19	no	n/a	collateral transfer	AUD	ORD	29,576	29,576
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.25	on mkt buy	AUD	ORD	7,806	7,806
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.25	on mkt buy	AUD	ORD	3,900	3,900
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.25	on mkt buy	AUD	ORD	4,290	4,290
BlackRock Fund Advisors	13-Dec-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BLACKROCK ADVISORS, LLC	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	23,540	23,540
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	66,522	66,522
BlackRock Investment Management, LLC	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	973,801	973,801
BlackRock Investment Management (UK) Limited	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	512,597	512,597
BlackRock Advisors (UK) Limited	16-Dec-19	yes	8.45	on mkt buy	AUD	ORD	3,903	3,903
BlackRock Asset Management Canada Limited	16-Dec-19	yes	8.44	on mkt buy	AUD	ORD	15,039	15,039
BlackRock Fund Advisors	16-Dec-19	yes	8.44	on mkt buy	AUD	ORD	27,357	27,357
BlackRock Fund Advisors	16-Dec-19	no	n/a	in specie	AUD	ORD	938	938
BlackRock Japan Co., Ltd.	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	285,049	285,049
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	909	909
BlackRock Investment Management, LLC	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	29,949	29,949
BlackRock Investment Management (UK) Limited	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	131,454	131,454
BlackRock Investment Management (Australia) Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	646	646
BlackRock Investment Management (Australia) Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	20,060	20,060
BlackRock Advisors (UK) Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	248	248
BlackRock Institutional Trust Company, National Association	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	210,403	210,403
BlackRock Asset Management Canada Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	15,410	15,410
BlackRock Fund Advisors	17-Dec-19	no	n/a	in specie	AUD	ORD	3,544	3,544
BlackRock Advisors (UK) Limited	17-Dec-19	no	n/a	collateral transfer	AUD	ORD	379,365	379,365
BLACKROCK FINANCIAL MANAGEMENT, INC.	17-Dec-19	no	n/a	collateral transfer	AUD	ORD	9,514	9,514
BlackRock Investment Management, LLC	17-Dec-19	no	n/a	collateral transfer	AUD	ORD	197,946	197,946
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	19,920	19,920
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	3,903	3,903

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	31,224	31,224
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	31,224	31,224
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	1,138	1,138
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	247	247
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	938	938
BLACKROCK ADVISORS, LLC	18-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,170	1,170
BlackRock Investment Management (UK) Limited	18-Dec-19	no	n/a	collateral transfer	AUD	ORD	97,222	97,222
BlackRock Advisors (UK) Limited	19-Dec-19	yes	8.41	on mkt buy	AUD	ORD	766	766
BlackRock Institutional Trust Company, National Association	19-Dec-19	yes	8.41	on mkt buy	AUD	ORD	36,450	36,450
BlackRock Japan Co., Ltd.	19-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,540,560	1,540,560
BlackRock Advisors (UK) Limited	19-Dec-19	no	n/a	collateral transfer	AUD	ORD	77,900	77,900
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	6,862	6,862
BlackRock Fund Advisors	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,952	1,952
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,422	1,422
BLACKROCK ADVISORS, LLC	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	12,581	12,581
BlackRock Institutional Trust Company, National Association	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	2,567	2,567
BLACKROCK ADVISORS, LLC	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	2,910	2,910
BlackRock International Limited	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,279	1,279
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	4,322	4,322
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	7,808	7,808
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	6,015	6,015
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	1,552	1,552
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	1,528	1,528
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	2,292	2,292
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,608	3,608
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	10,817	10,817
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	9,764	9,764
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,254	3,254
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	14,510	14,510
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	4,839	4,839
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	6,340	6,340
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	19,015	19,015
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	12,874	12,874
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	4,293	4,293
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	2,905	2,905
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	8,717	8,717
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	5,756	5,756
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	1,917	1,917
BlackRock Institutional Trust Company, National Association	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	4,945	4,945
BlackRock Institutional Trust Company, National Association	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	14,830	14,830
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	2,015	2,015
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	6,050	6,050
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,578	3,578
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	10,735	10,735
BlackRock Advisors (UK) Limited	20-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,509,260	1,509,260
BlackRock Advisors (UK) Limited	23-Dec-19	yes	8.31	on mkt buy	AUD	ORD	4,773	4,773
BlackRock Fund Advisors	23-Dec-19	no	n/a	in specie	AUD	ORD	3,608	3,608
BlackRock Fund Advisors	23-Dec-19	no	n/a	in specie	AUD	ORD	2,345	2,345
BlackRock Japan Co., Ltd.	23-Dec-19	no	n/a	collateral transfer	AUD	ORD	134,120	134,120
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	32,660	32,660
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	30,234	30,234
BlackRock Investment Management (Australia) Limited	24-Dec-19	yes	8.35	on mkt buy	AUD	ORD	4,012	4,012

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BlackRock Fund Advisors	24-Dec-19	yes	8.35	on mkt buy	AUD	ORD	7,188	7,188
BlackRock Japan Co., Ltd.	24-Dec-19	no	n/a	collateral transfer	AUD	ORD	100,850	100,850
BlackRock Advisors (UK) Limited	24-Dec-19	no	n/a	collateral transfer	AUD	ORD	53,771	53,771
BlackRock Investment Management (UK) Limited	24-Dec-19	no	n/a	collateral transfer	AUD	ORD	4,436	4,436
BlackRock Advisors (UK) Limited	26-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,773,110	1,773,110
BlackRock Investment Management (UK) Limited	26-Dec-19	no	n/a	collateral transfer	AUD	ORD	4,436	4,436
BlackRock Investment Management (Australia) Limited	27-Dec-19	yes	8.36	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Institutional Trust Company, National Association	27-Dec-19	yes	8.36	on mkt buy	AUD	ORD	7,510	7,510
BlackRock Advisors (UK) Limited	27-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,782,825	1,782,825
BlackRock Investment Management, LLC	27-Dec-19	no	n/a	collateral transfer	AUD	ORD	109,458	109,458
BlackRock Investment Management (UK) Limited	27-Dec-19	no	n/a	collateral transfer	AUD	ORD	40,533	40,533
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.32	on mkt buy	AUD	ORD	61	61
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.35	on mkt buy	AUD	ORD	3,904	3,904
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.35	on mkt buy	AUD	ORD	690	690
BlackRock Fund Advisors	30-Dec-19	no	n/a	in specie	AUD	ORD	924	924
BlackRock Investment Management, LLC	30-Dec-19	no	n/a	collateral transfer	AUD	ORD	15,175	15,175
BlackRock Investment Management (UK) Limited	30-Dec-19	no	n/a	collateral transfer	AUD	ORD	241,940	241,940
BlackRock Advisors (UK) Limited	31-Dec-19	yes	8.18	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	31-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,316	2,316
BlackRock Investment Management (UK) Limited	31-Dec-19	yes	8.18	on mkt buy	AUD	ORD	23,141	23,141
BlackRock Japan Co., Ltd.	31-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,607,906	1,607,906
BlackRock Investment Management (Australia) Limited	02-Jan-20	yes	8.22	on mkt buy	AUD	ORD	18,054	18,054
BlackRock Investment Management (Australia) Limited	02-Jan-20	yes	8.22	on mkt buy	AUD	ORD	4,012	4,012
BlackRock Fund Advisors	02-Jan-20	no	n/a	in specie	AUD	ORD	693	693
BlackRock Advisors (UK) Limited	02-Jan-20	no	n/a	collateral transfer	AUD	ORD	3,669,107	3,669,107
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.41	on mkt buy	AUD	ORD	4,777	4,777
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.41	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.41	on mkt buy	AUD	ORD	768	768
BlackRock Investment Management (UK) Limited	03-Jan-20	no	n/a	collateral transfer	AUD	ORD	2,030,928	2,030,928
BlackRock Advisors (UK) Limited	06-Jan-20	yes	8.59	on mkt buy	AUD	ORD	3,904	3,904
BlackRock Investment Management, LLC	06-Jan-20	yes	8.59	on mkt buy	AUD	ORD	14,654	14,654
BlackRock Fund Advisors	06-Jan-20	no	n/a	in specie	AUD	ORD	3,647	3,647
BlackRock Advisors (UK) Limited	06-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,610,264	1,610,264
BlackRock Investment Management (UK) Limited	06-Jan-20	no	n/a	collateral transfer	AUD	ORD	279,320	279,320
BLACKROCK FINANCIAL MANAGEMENT, INC.	07-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,682,843	1,682,843
BlackRock Investment Management (UK) Limited	08-Jan-20	yes	8.98	on mkt buy	AUD	ORD	13,656	13,656
BlackRock Investment Management (Australia) Limited	08-Jan-20	yes	8.89	on mkt buy	AUD	ORD	322	322
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	10,240	10,240
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	1,407	1,407
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	7,294	7,294
BlackRock Advisors (UK) Limited	08-Jan-20	no	n/a	collateral transfer	AUD	ORD	280,980	280,980
BlackRock Advisors (UK) Limited	09-Jan-20	yes	8.87	on mkt buy	AUD	ORD	18,057	18,057
BlackRock Fund Advisors	09-Jan-20	no	n/a	in specie	AUD	ORD	14,588	14,588
BlackRock Japan Co., Ltd.	09-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,798,040	1,798,040
BlackRock Advisors (UK) Limited	10-Jan-20	yes	8.88	on mkt buy	AUD	ORD	3,912	3,912
BlackRock Fund Advisors	10-Jan-20	no	n/a	in specie	AUD	ORD	231	231
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Jan-20	no	n/a	collateral transfer	AUD	ORD	276,075	276,075
BlackRock Investment Management (UK) Limited	10-Jan-20	no	n/a	collateral transfer	AUD	ORD	10,680	10,680

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BlackRock Investment Management (Australia) Limited	13-Jan-20	yes	8.83	on mkt buy	AUD	ORD	94,235	94,235
BlackRock Advisors (UK) Limited	13-Jan-20	yes	8.83	on mkt buy	AUD	ORD	247	247
BlackRock Fund Advisors	13-Jan-20	no	n/a	in specie	AUD	ORD	462	462
BlackRock Fund Advisors	13-Jan-20	no	n/a	in specie	AUD	ORD	924	924
BlackRock Japan Co., Ltd.	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	223,965	223,965
BlackRock Advisors (UK) Limited	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,669,624	1,669,624
BlackRock Investment Management, LLC	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	23,069	23,069
BlackRock Investment Management (UK) Limited	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	97,204	97,204
BlackRock Fund Advisors	14-Jan-20	no	n/a	in specie	AUD	ORD	4,614	4,614
BLACKROCK FINANCIAL MANAGEMENT, INC.	14-Jan-20	yes	8.79	on mkt buy	AUD	ORD	1,285	1,285
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	10,025	10,025
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	969	969
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	8,470	8,470
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	494	494
BlackRock Institutional Trust Company, National Association	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	69,172	69,172
BlackRock Investment Management (UK) Limited	14-Jan-20	no	n/a	collateral transfer	AUD	ORD	111,363	111,363
BlackRock Investment Management (UK) Limited	15-Jan-20	no	n/a	in specie	AUD	ORD	106,671	106,671
BlackRock Investment Management (Australia) Limited	15-Jan-20	yes	9.00	on mkt buy	AUD	ORD	38,095	38,095
BlackRock Japan Co., Ltd.	15-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,798,030	1,798,030
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,698,042	1,698,042
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	9,709	9,709
BlackRock Investment Management (Australia) Limited	16-Jan-20	yes	8.89	on mkt buy	AUD	ORD	20,050	20,050
BlackRock Advisors (UK) Limited	16-Jan-20	yes	8.89	on mkt buy	AUD	ORD	1,167	1,167
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	6,132	6,132
BlackRock Advisors (UK) Limited	16-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,747,809	1,747,809
BlackRock Advisors (UK) Limited	17-Jan-20	yes	8.82	on mkt buy	AUD	ORD	1,032	1,032
BlackRock Advisors (UK) Limited	17-Jan-20	yes	8.82	on mkt buy	AUD	ORD	2,723	2,723
BlackRock Japan Co., Ltd.	17-Jan-20	no	n/a	collateral transfer	AUD	ORD	322,193	322,193
BlackRock Japan Co., Ltd.	20-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,798,040	1,798,040
BlackRock Advisors (UK) Limited	20-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,903,310	1,903,310
BlackRock Investment Management (UK) Limited	20-Jan-20	no	n/a	collateral transfer	AUD	ORD	6,860	6,860
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	122	122
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	814	814
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	2,328	2,328
BlackRock Institutional Trust Company, National Association	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	61,535	61,535
BlackRock Fund Advisors	21-Jan-20	no	n/a	in specie	AUD	ORD	456	456
BlackRock Fund Advisors	22-Jan-20	no	n/a	in specie	AUD	ORD	14,820	14,820
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.94	on mkt buy	AUD	ORD	7,848	7,848
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.94	on mkt buy	AUD	ORD	4,324	4,324
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.95	on mkt buy	AUD	ORD	40,100	40,100
BlackRock Asset Management Canada Limited	22-Jan-20	yes	8.95	on mkt buy	AUD	ORD	10,833	10,833
BlackRock Advisors (UK) Limited	22-Jan-20	no	n/a	collateral transfer	AUD	ORD	341,480	341,480
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,625,567	1,625,567
BlackRock Investment Management (UK) Limited	22-Jan-20	no	n/a	collateral transfer	AUD	ORD	141,735	141,735
BlackRock Advisors (UK) Limited	23-Jan-20	yes	8.82	on mkt buy	AUD	ORD	245	245
BlackRock Japan Co., Ltd.	23-Jan-20	no	n/a	collateral transfer	AUD	ORD	223,243	223,243

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			Cash	Non-cash	CCY			
BlackRock Investment Management, LLC	23-Jan-20	no	n/a	collateral transfer	AUD	ORD	265,217	265,217
BlackRock Investment Management (Australia) Limited	24-Jan-20	yes	8.84	on mkt buy	AUD	ORD	20,050	20,050
BlackRock Advisors (UK) Limited	24-Jan-20	yes	8.84	on mkt buy	AUD	ORD	2,723	2,723
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	42,420	42,420
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	49,490	49,490
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	70,700	70,700
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	8,229	8,229
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,306,689	1,306,689
BlackRock Investment Management (UK) Limited	24-Jan-20	no	n/a	collateral transfer	AUD	ORD	40,433	40,433
BlackRock Advisors (UK) Limited	27-Jan-20	no	n/a	collateral transfer	AUD	ORD	702,550	702,550
BlackRock Investment Management, LLC	27-Jan-20	no	n/a	collateral transfer	AUD	ORD	23	23
BlackRock Investment Management (UK) Limited	27-Jan-20	no	n/a	collateral transfer	AUD	ORD	38,201	38,201
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD	12,590	12,590
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD	17,040	17,040
BlackRock Advisors (UK) Limited	28-Jan-20	no	n/a	collateral transfer	AUD	ORD	444,473	444,473
BlackRock Investment Management, LLC	28-Jan-20	no	n/a	collateral transfer	AUD	ORD	251	251
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD	84,852	84,852
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD	1,571	1,571
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD	242,062	242,062
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	4,010	4,010
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	3,904	3,904
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	11,712	11,712
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	6,018	6,018
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	2,863	2,863
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	1,008	1,008
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Advisors (UK) Limited	29-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,940,792	1,940,792
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Advisors (UK) Limited	30-Jan-20	yes	8.61	on mkt buy	AUD	ORD	78,240	78,240
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD	38,340	38,340
BlackRock Investment Management (UK) Limited	30-Jan-20	yes	8.69	on mkt buy	AUD	ORD	120,234	120,234
BlackRock Investment Management (UK) Limited	30-Jan-20	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	4,094	4,094
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	9,574	9,574
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	31,333	31,333
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	13,411	13,411
BlackRock Investment Management (Australia) Limited	31-Jan-20	yes	8.71	on mkt buy	AUD	ORD	8,253	8,253
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	24,072	24,072
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	741	741
BlackRock Institutional Trust Company, National Association	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	1,698	1,698
BlackRock Institutional Trust Company, National Association	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	81,992	81,992
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.40	on mkt buy	AUD	ORD	4,850	4,850
BlackRock Investment Management (Australia) Limited	03-Feb-20	yes	8.25	on mkt buy	AUD	ORD	12,030	12,030
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.25	on mkt buy	AUD	ORD	2,328	2,328
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.25	on mkt buy	AUD	ORD	2,712	2,712
BlackRock Japan Co., Ltd.	03-Feb-20	no	n/a	collateral transfer	AUD	ORD	62,506	62,506
BlackRock Advisors (UK) Limited	03-Feb-20	no	n/a	collateral transfer	AUD	ORD	13,626	13,626

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	12,984	12,984
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Advisors (UK) Limited	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	13,434	13,434
BlackRock Institutional Trust Company, National Association	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	72,414	72,414
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	1,334	1,334
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	693	693
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	12,800	12,800
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	21,504	21,504
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	20,480	20,480
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	36,847	36,847
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	11,619	11,619
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	52,034	52,034
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	41,543	41,543
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	13,991	13,991
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	38,069	38,069
BlackRock Advisors (UK) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	408	408
BlackRock Institutional Trust Company, National Association	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	145,386	145,386
BlackRock Fund Advisors	05-Feb-20	no	n/a	in specie	AUD	ORD	14,588	14,588
BlackRock Japan Co., Ltd.	05-Feb-20	no	n/a	collateral transfer	AUD	ORD	193,749	193,749
BlackRock Investment Management (UK) Limited	06-Feb-20	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Fund Advisors	07-Feb-20	no	n/a	in specie	AUD	ORD	42,600	42,600
BlackRock Advisors (UK) Limited	07-Feb-20	yes	8.24	on mkt buy	AUD	ORD	24,076	24,076
BlackRock Investment Management (Australia) Limited	07-Feb-20	yes	8.24	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Japan Co., Ltd.	07-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,515,288	1,515,288
BlackRock Institutional Trust Company, National Association	10-Feb-20	no	n/a	in specie	AUD	ORD	63,715	63,715
BlackRock Investment Management (Australia) Limited	10-Feb-20	yes	8.21	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Advisors (UK) Limited	10-Feb-20	yes	8.21	on mkt buy	AUD	ORD	1,950	1,950
BlackRock Fund Advisors	10-Feb-20	no	n/a	in specie	AUD	ORD	2,001	2,001
BlackRock Advisors (UK) Limited	10-Feb-20	no	n/a	collateral transfer	AUD	ORD	2,669,129	2,669,129
BlackRock Investment Management (UK) Limited	10-Feb-20	no	n/a	collateral transfer	AUD	ORD	16,526	16,526
BlackRock Fund Advisors	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	2,095	2,095
BlackRock Investment Management (UK) Limited	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	1,831	1,831
BLACKROCK ADVISORS, LLC	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	9,651	9,651
BlackRock Institutional Trust Company, National Association	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	3,029	3,029
BLACKROCK ADVISORS, LLC	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	2,975	2,975
BLACKROCK FINANCIAL MANAGEMENT, INC.	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	3,433	3,433
BlackRock Advisors (UK) Limited	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	15,652	15,652
BlackRock Advisors (UK) Limited	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	345	345
BlackRock Investment Management (UK) Limited	12-Feb-20	yes	8.31	on mkt buy	AUD	ORD	27,188	27,188
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	8,967	8,967
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	1,110	1,110
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	12,243	12,243
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	3,434	3,434
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	8,465	8,465
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	15,358	15,358
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	18,473	18,473
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	323	323

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	482	482
BlackRock Japan Co., Ltd.	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	13,561	13,561
BlackRock Investment Management, LLC	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	369,315	369,315
BlackRock Investment Management (UK) Limited	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	977,039	977,039
BlackRock Asset Management North Asia Limited	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	85,758	85,758
BlackRock Advisors (UK) Limited	13-Feb-20	yes	8.23	on mkt buy	AUD	ORD	3,913	3,913
BlackRock Advisors (UK) Limited	13-Feb-20	yes	8.23	on mkt buy	AUD	ORD	3,913	3,913
BlackRock Advisors (UK) Limited	13-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,733,200	1,733,200
BlackRock Investment Management (Australia) Limited	14-Feb-20	yes	8.19	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Advisors (UK) Limited	14-Feb-20	yes	8.19	on mkt buy	AUD	ORD	12,046	12,046
BlackRock Investment Management (UK) Limited	14-Feb-20	no	n/a	collateral transfer	AUD	ORD	868,061	868,061
BlackRock Advisors (UK) Limited	17-Feb-20	no	n/a	collateral transfer	AUD	ORD	286,142	286,142
BlackRock Advisors (UK) Limited	18-Feb-20	yes	8.05	on mkt buy	AUD	ORD	3,913	3,913
BlackRock Advisors (UK) Limited	18-Feb-20	yes	8.05	on mkt buy	AUD	ORD	459	459
BlackRock Institutional Trust Company, National Association	18-Feb-20	yes	8.05	on mkt buy	AUD	ORD	133,822	133,822
BlackRock Japan Co., Ltd.	18-Feb-20	no	n/a	collateral transfer	AUD	ORD	24,000	24,000
BLACKROCK FINANCIAL MANAGEMENT, INC.	18-Feb-20	no	n/a	collateral transfer	AUD	ORD	263,108	263,108
BlackRock Investment Management (UK) Limited	18-Feb-20	no	n/a	collateral transfer	AUD	ORD	811,470	811,470
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	8.14	on mkt buy	AUD	ORD	28,806	28,806
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	8.14	on mkt buy	AUD	ORD	3,590	3,590
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	8.14	on mkt buy	AUD	ORD	34,235	34,235
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	8.14	on mkt buy	AUD	ORD	53,668	53,668
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	8.14	on mkt buy	AUD	ORD	11,118	11,118
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	8.14	on mkt buy	AUD	ORD	24,932	24,932
BlackRock Fund Advisors	19-Feb-20	no	n/a	in specie	AUD	ORD	5,595	5,595
BlackRock Investment Management (Australia) Limited	19-Feb-20	no	n/a	in specie	AUD	ORD	224,658	224,658
BlackRock Advisors (UK) Limited	19-Feb-20	yes	8.17	on mkt buy	AUD	ORD	10,925	10,925
BlackRock Investment Management, LLC	19-Feb-20	yes	8.17	on mkt buy	AUD	ORD	2,834	2,834
BlackRock Fund Advisors	19-Feb-20	no	n/a	in specie	AUD	ORD	1,334	1,334
BlackRock Japan Co., Ltd.	19-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,837,712	1,837,712
BlackRock Fund Advisors	20-Feb-20	no	n/a	in specie	AUD	ORD	24,038	24,038
BlackRock Advisors (UK) Limited	20-Feb-20	yes	8.07	on mkt buy	AUD	ORD	3,921	3,921
BlackRock Investment Management (Australia) Limited	20-Feb-20	yes	8.07	on mkt buy	AUD	ORD	32,437	32,437
BLACKROCK ADVISORS, LLC	20-Feb-20	no	n/a	collateral transfer	AUD	ORD	4,087	4,087
BlackRock Advisors (UK) Limited	20-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,215,310	1,215,310
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Feb-20	no	n/a	collateral transfer	AUD	ORD	9,700	9,700
BlackRock Investment Management, LLC	20-Feb-20	no	n/a	collateral transfer	AUD	ORD	789,218	789,218
BlackRock Investment Management (UK) Limited	20-Feb-20	no	n/a	collateral transfer	AUD	ORD	882,974	882,974
BlackRock Asset Management North Asia Limited	20-Feb-20	no	n/a	collateral transfer	AUD	ORD	68,111	68,111
BlackRock Fund Advisors	21-Feb-20	yes	7.98	on mkt buy	AUD	ORD	1,151	1,151
BlackRock Investment Management (UK) Limited	21-Feb-20	yes	7.98	on mkt buy	AUD	ORD	1,027	1,027
BLACKROCK ADVISORS, LLC	21-Feb-20	yes	7.98	on mkt buy	AUD	ORD	6,487	6,487
BLACKROCK ADVISORS, LLC	21-Feb-20	yes	7.98	on mkt buy	AUD	ORD	1,749	1,749
BLACKROCK FINANCIAL MANAGEMENT, INC.	21-Feb-20	yes	7.98	on mkt buy	AUD	ORD	2,790	2,790
BlackRock Advisors (UK) Limited	21-Feb-20	yes	7.92	on mkt buy	AUD	ORD	9,725	9,725

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			Cash	Non-cash	CCY			
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Feb-20	yes	7.66	on mkt buy	AUD	ORD	13,369	13,369
BlackRock Asset Management Canada Limited	24-Feb-20	yes	7.66	on mkt buy	AUD	ORD	12,162	12,162
BlackRock Investment Management (Australia) Limited	25-Feb-20	yes	7.43	on mkt buy	AUD	ORD	22,055	22,055
BlackRock Advisors (UK) Limited	25-Feb-20	yes	7.43	on mkt buy	AUD	ORD	12,062	12,062
BlackRock Fund Advisors	25-Feb-20	no	n/a	in specie	AUD	ORD	1,876	1,876
BlackRock Fund Advisors	26-Feb-20	no	n/a	in specie	AUD	ORD	3,384	3,384
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	7.19	on mkt buy	AUD	ORD	20,050	20,050
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	7.19	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Advisors (UK) Limited	26-Feb-20	yes	7.19	on mkt buy	AUD	ORD	11,421	11,421
BlackRock Advisors (UK) Limited	27-Feb-20	yes	7.01	on mkt buy	AUD	ORD	3,937	3,937
BlackRock Advisors (UK) Limited	27-Feb-20	yes	7.01	on mkt buy	AUD	ORD	6,028	6,028
BlackRock Fund Advisors	27-Feb-20	no	n/a	in specie	AUD	ORD	1,407	1,407
BlackRock Japan Co., Ltd.	27-Feb-20	no	n/a	collateral transfer	AUD	ORD	47,067	47,067
BlackRock Fund Advisors	28-Feb-20	no	n/a	in specie	AUD	ORD	13,959	13,959
BlackRock Advisors (UK) Limited	28-Feb-20	yes	6.83	on mkt buy	AUD	ORD	30,140	30,140
BlackRock Investment Management (UK) Limited	28-Feb-20	yes	6.83	on mkt buy	AUD	ORD	22,533	22,533
BlackRock Institutional Trust Company, National Association	28-Feb-20	yes	6.83	on mkt buy	AUD	ORD	106,649	106,649
BlackRock International Limited	28-Feb-20	yes	6.83	on mkt buy	AUD	ORD	10,636	10,636
BlackRock Institutional Trust Company, National Association	28-Feb-20	yes	6.83	on mkt buy	AUD	ORD	61,392	61,392
BlackRock Fund Advisors	28-Feb-20	no	n/a	in specie	AUD	ORD	1,876	1,876
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-Feb-20	no	n/a	collateral transfer	AUD	ORD	3,178	3,178
BlackRock Investment Management, LLC	28-Feb-20	no	n/a	collateral transfer	AUD	ORD	62,857	62,857
BlackRock Investment Management (UK) Limited	28-Feb-20	no	n/a	collateral transfer	AUD	ORD	348,276	348,276
BlackRock Asset Management North Asia Limited	28-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,772	1,772
BlackRock Institutional Trust Company, National Association	02-Mar-20	no	n/a	in specie	AUD	ORD	23,169	23,169
BlackRock Institutional Trust Company, National Association	02-Mar-20	no	n/a	in specie	AUD	ORD	28,179	28,179
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD	27,996	27,996
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD	7,238	7,238
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD	4,585	4,585
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD	1,876	1,876
BlackRock Advisors (UK) Limited	02-Mar-20	no	n/a	collateral transfer	AUD	ORD	7	7
BlackRock Advisors (UK) Limited	03-Mar-20	yes	7.00	on mkt buy	AUD	ORD	486	486
BlackRock Advisors (UK) Limited	03-Mar-20	yes	7.00	on mkt buy	AUD	ORD	1,564	1,564
BlackRock Advisors (UK) Limited	03-Mar-20	yes	7.00	on mkt buy	AUD	ORD	1,458	1,458
BlackRock Asset Management Canada Limited	03-Mar-20	yes	7.00	on mkt buy	AUD	ORD	13,531	13,531
BlackRock Fund Advisors	03-Mar-20	no	n/a	in specie	AUD	ORD	4,221	4,221
BlackRock Advisors (UK) Limited	03-Mar-20	no	n/a	collateral transfer	AUD	ORD	582,015	582,015
BlackRock Investment Management (Australia) Limited	04-Mar-20	yes	6.88	on mkt buy	AUD	ORD	5,177	5,177
BlackRock Advisors (UK) Limited	04-Mar-20	yes	6.87	on mkt buy	AUD	ORD	2,730	2,730
BlackRock Advisors (UK) Limited	04-Mar-20	yes	6.87	on mkt buy	AUD	ORD	1,950	1,950
BlackRock Institutional Trust Company, National Association	04-Mar-20	yes	6.87	on mkt buy	AUD	ORD	8,055	8,055
BlackRock Fund Advisors	04-Mar-20	no	n/a	in specie	AUD	ORD	2,001	2,001
BlackRock Fund Advisors	04-Mar-20	no	n/a	in specie	AUD	ORD	7,294	7,294
BlackRock Fund Advisors	04-Mar-20	no	n/a	in specie	AUD	ORD	2,001	2,001
BlackRock Japan Co., Ltd.	04-Mar-20	no	n/a	collateral transfer	AUD	ORD	553,920	553,920
BlackRock Investment Management (UK) Limited	04-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,115	1,115
BlackRock Investment Management (UK) Limited	05-Mar-20	yes	6.93	on mkt buy	AUD	ORD	48,806	48,806
BlackRock Fund Advisors	05-Mar-20	no	n/a	in specie	AUD	ORD	4,524	4,524
BlackRock Investment Management (Australia) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	136,340	136,340
BlackRock Advisors (UK) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	3,953	3,953
BlackRock Advisors (UK) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	2,510	2,510
BlackRock Advisors (UK) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	243	243

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	2,510	2,510
BlackRock Investment Management (Australia) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	29,365	29,365
BlackRock Advisors (UK) Limited	05-Mar-20	yes	6.88	on mkt buy	AUD	ORD	20,295	20,295
BlackRock Advisors (UK) Limited	05-Mar-20	no	n/a	collateral transfer	AUD	ORD	280,119	280,119
BlackRock Fund Advisors	06-Mar-20	no	n/a	in specie	AUD	ORD	3,414	3,414
BlackRock Fund Advisors	06-Mar-20	no	n/a	in specie	AUD	ORD	2,276	2,276
BlackRock Advisors (UK) Limited	06-Mar-20	yes	6.70	on mkt buy	AUD	ORD	6,029	6,029
BlackRock Advisors (UK) Limited	06-Mar-20	yes	6.70	on mkt buy	AUD	ORD	2,195	2,195
BlackRock Advisors (UK) Limited	06-Mar-20	yes	6.70	on mkt buy	AUD	ORD	2,352	2,352
BlackRock Fund Advisors	06-Mar-20	no	n/a	in specie	AUD	ORD	693	693
BlackRock Fund Advisors	06-Mar-20	no	n/a	in specie	AUD	ORD	2,001	2,001
BlackRock Japan Co., Ltd.	06-Mar-20	no	n/a	collateral transfer	AUD	ORD	456,228	456,228
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.89	on mkt buy	AUD	ORD	392	392
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.89	on mkt buy	AUD	ORD	12,058	12,058
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.89	on mkt buy	AUD	ORD	11,859	11,859
BlackRock Advisors (UK) Limited	09-Mar-20	yes	4.89	on mkt buy	AUD	ORD	8,460	8,460
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD	2,001	2,001
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD	10,941	10,941
BlackRock Fund Advisors	09-Mar-20	no	n/a	in specie	AUD	ORD	1,407	1,407
BLACKROCK ADVISORS, LLC	09-Mar-20	no	n/a	collateral transfer	AUD	ORD	440	440
BlackRock Advisors (UK) Limited	09-Mar-20	no	n/a	collateral transfer	AUD	ORD	3	3
BLACKROCK FINANCIAL MANAGEMENT, INC.	09-Mar-20	no	n/a	collateral transfer	AUD	ORD	11,372	11,372
BlackRock Investment Management, LLC	09-Mar-20	no	n/a	collateral transfer	AUD	ORD	415,853	415,853
BlackRock Investment Management (UK) Limited	09-Mar-20	no	n/a	collateral transfer	AUD	ORD	218,827	218,827
BlackRock Asset Management North Asia Limited	09-Mar-20	no	n/a	collateral transfer	AUD	ORD	126,031	126,031
BlackRock Fund Advisors	10-Mar-20	no	n/a	in specie	AUD	ORD	30,294	30,294
BlackRock Institutional Trust Company, National Association	10-Mar-20	yes	5.08	on mkt buy	AUD	ORD	1,050	1,050
BlackRock Investment Management (UK) Limited	10-Mar-20	yes	5.08	on mkt buy	AUD	ORD	550	550
BlackRock Investment Management (UK) Limited	10-Mar-20	yes	5.08	on mkt buy	AUD	ORD	1,225	1,225
BlackRock Advisors (UK) Limited	10-Mar-20	yes	5.08	on mkt buy	AUD	ORD	156	156
BlackRock Investment Management (UK) Limited	10-Mar-20	yes	5.08	on mkt buy	AUD	ORD	87	87
BlackRock Asset Management Canada Limited	10-Mar-20	yes	5.08	on mkt buy	AUD	ORD	47	47
BlackRock Advisors (UK) Limited	10-Mar-20	yes	4.92	on mkt buy	AUD	ORD	390	390
BlackRock Advisors (UK) Limited	10-Mar-20	yes	4.92	on mkt buy	AUD	ORD	4,656	4,656
BlackRock Advisors (UK) Limited	10-Mar-20	yes	4.92	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Investment Management (Australia) Limited	10-Mar-20	yes	4.92	on mkt buy	AUD	ORD	65,704	65,704
BlackRock Fund Advisors	10-Mar-20	no	n/a	in specie	AUD	ORD	7,294	7,294
BlackRock Fund Advisors	10-Mar-20	no	n/a	in specie	AUD	ORD	7,294	7,294
BlackRock Fund Advisors	10-Mar-20	no	n/a	in specie	AUD	ORD	3,647	3,647
BLACKROCK ADVISORS, LLC	10-Mar-20	no	n/a	collateral transfer	AUD	ORD	306	306
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Mar-20	no	n/a	collateral transfer	AUD	ORD	125,859	125,859
BlackRock Investment Management, LLC	10-Mar-20	no	n/a	collateral transfer	AUD	ORD	331,909	331,909
BlackRock Investment Management (UK) Limited	10-Mar-20	no	n/a	collateral transfer	AUD	ORD	330,906	330,906
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD	10,360	10,360
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD	7,770	7,770
BlackRock Investment Management (UK) Limited	11-Mar-20	yes	4.97	on mkt buy	AUD	ORD	24,545	24,545
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	4.97	on mkt buy	AUD	ORD	28,039	28,039
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	4.97	on mkt buy	AUD	ORD	29,374	29,374
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	4.97	on mkt buy	AUD	ORD	169,206	169,206
BlackRock Advisors (UK) Limited	11-Mar-20	yes	4.66	on mkt buy	AUD	ORD	18,099	18,099
BlackRock Advisors (UK) Limited	11-Mar-20	yes	4.66	on mkt buy	AUD	ORD	12,066	12,066
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	4.66	on mkt buy	AUD	ORD	196,703	196,703

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			Cash	Non-cash	CCY			
BlackRock Investment Management, LLC	11-Mar-20	yes	4.66	on mkt buy	AUD	ORD	21,913	21,913
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD	3,647	3,647
BlackRock Japan Co., Ltd.	11-Mar-20	no	n/a	collateral transfer	AUD	ORD	614,280	614,280
BlackRock Advisors (UK) Limited	11-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,331,905	1,331,905
BlackRock Investment Management (Australia) Limited	12-Mar-20	yes	4.29	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Advisors (UK) Limited	12-Mar-20	yes	4.29	on mkt buy	AUD	ORD	243	243
BlackRock Advisors (UK) Limited	12-Mar-20	yes	4.29	on mkt buy	AUD	ORD	12,068	12,068
BlackRock Fund Advisors	12-Mar-20	yes	4.29	on mkt buy	AUD	ORD	10,031	10,031
BlackRock Fund Advisors	12-Mar-20	no	n/a	in specie	AUD	ORD	667	667
BlackRock Fund Advisors	12-Mar-20	no	n/a	in specie	AUD	ORD	3,699	3,699
BlackRock Fund Advisors	12-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Advisors (UK) Limited	12-Mar-20	no	n/a	collateral transfer	AUD	ORD	3,979	3,979
BLACKROCK FINANCIAL MANAGEMENT, INC.	12-Mar-20	no	n/a	collateral transfer	AUD	ORD	15,451	15,451
BlackRock Investment Management (UK) Limited	12-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,464,650	1,464,650
BlackRock Japan Co., Ltd.	13-Mar-20	yes	4.03	on mkt buy	AUD	ORD	6,754	6,754
BlackRock Investment Management (Australia) Limited	13-Mar-20	yes	4.58	on mkt buy	AUD	ORD	6,015	6,015
BlackRock Advisors (UK) Limited	13-Mar-20	yes	4.58	on mkt buy	AUD	ORD	968	968
BlackRock Investment Management (Australia) Limited	13-Mar-20	yes	4.58	on mkt buy	AUD	ORD	108,303	108,303
BlackRock Institutional Trust Company, National Association	13-Mar-20	yes	4.58	on mkt buy	AUD	ORD	10,907	10,907
BlackRock Fund Advisors	13-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Japan Co., Ltd.	13-Mar-20	no	n/a	collateral transfer	AUD	ORD	84,043	84,043
BlackRock Advisors (UK) Limited	13-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,170,194	1,170,194
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	13,692	13,692
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	6,846	6,846
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	18,500	18,500
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	3,700	3,700
BlackRock Advisors (UK) Limited	16-Mar-20	yes	4.09	on mkt buy	AUD	ORD	469	469
BlackRock Institutional Trust Company, National Association	16-Mar-20	yes	4.09	on mkt buy	AUD	ORD	3,150	3,150
BlackRock Investment Management (UK) Limited	16-Mar-20	yes	4.09	on mkt buy	AUD	ORD	1,650	1,650
BlackRock Investment Management (UK) Limited	16-Mar-20	yes	4.09	on mkt buy	AUD	ORD	3,675	3,675
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	4,010	4,010
BlackRock Advisors (UK) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	2,758	2,758
BlackRock Advisors (UK) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	362	362
BlackRock Advisors (UK) Limited	16-Mar-20	yes	4.02	on mkt buy	AUD	ORD	3,940	3,940
BlackRock Advisors (UK) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	516	516
BlackRock Advisors (UK) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	2,233	2,233
BlackRock Advisors (UK) Limited	16-Mar-20	yes	3.77	on mkt buy	AUD	ORD	1,970	1,970
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	1,538	1,538
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Fund Advisors	16-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Advisors (UK) Limited	16-Mar-20	no	n/a	collateral transfer	AUD	ORD	130	130
BlackRock Asset Management Canada Limited	17-Mar-20	yes	3.67	on mkt buy	AUD	ORD	62	62
BlackRock Investment Management (UK) Limited	17-Mar-20	yes	3.67	on mkt buy	AUD	ORD	114	114
BlackRock Fund Advisors	17-Mar-20	no	n/a	in specie	AUD	ORD	12,804	12,804
BlackRock Fund Advisors	17-Mar-20	no	n/a	in specie	AUD	ORD	5,820	5,820
BlackRock Fund Advisors	17-Mar-20	no	n/a	in specie	AUD	ORD	5,820	5,820
BlackRock Fund Advisors	17-Mar-20	no	n/a	in specie	AUD	ORD	14,010	14,010
BlackRock Investment Management (Australia) Limited	17-Mar-20	yes	3.57	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Advisors (UK) Limited	17-Mar-20	yes	3.57	on mkt buy	AUD	ORD	2,112	2,112
BlackRock Advisors (UK) Limited	17-Mar-20	yes	3.57	on mkt buy	AUD	ORD	24,124	24,124
BlackRock Advisors (UK) Limited	17-Mar-20	yes	3.57	on mkt buy	AUD	ORD	2,744	2,744
BlackRock Investment Management (Australia) Limited	17-Mar-20	yes	3.57	on mkt buy	AUD	ORD	62,358	62,358
BlackRock Investment Management (Australia) Limited	17-Mar-20	yes	3.57	on mkt buy	AUD	ORD	62,710	62,710

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	17-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Japan Co., Ltd.	17-Mar-20	no	n/a	collateral transfer	AUD	ORD	515,836	515,836
BlackRock Investment Management, LLC	17-Mar-20	no	n/a	collateral transfer	AUD	ORD	89,765	89,765
BlackRock Investment Management (UK) Limited	17-Mar-20	no	n/a	collateral transfer	AUD	ORD	72,570	72,570
BlackRock Asset Management North Asia Limited	17-Mar-20	no	n/a	collateral transfer	AUD	ORD	523	523
BlackRock Investment Management (UK) Limited	18-Mar-20	yes	3.27	on mkt buy	AUD	ORD	73	73
BlackRock Asset Management Canada Limited	18-Mar-20	yes	3.27	on mkt buy	AUD	ORD	39	39
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	3.22	on mkt buy	AUD	ORD	13,567	13,567
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	3.21	on mkt buy	AUD	ORD	163,366	163,366
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	3.13	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Advisors (UK) Limited	18-Mar-20	yes	3.13	on mkt buy	AUD	ORD	125	125
BlackRock Advisors (UK) Limited	18-Mar-20	yes	3.13	on mkt buy	AUD	ORD	12,078	12,078
BlackRock Institutional Trust Company, National Association	18-Mar-20	yes	3.13	on mkt buy	AUD	ORD	11,843	11,843
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	3.13	on mkt buy	AUD	ORD	32,300	32,300
BlackRock Fund Advisors	18-Mar-20	no	n/a	in specie	AUD	ORD	36,990	36,990
BlackRock Capital Management, Inc.	18-Mar-20	no	n/a	collateral transfer	AUD	ORD	3,812	3,812
BLACKROCK FINANCIAL MANAGEMENT, INC.	18-Mar-20	no	n/a	collateral transfer	AUD	ORD	13,880	13,880
BlackRock Investment Management, LLC	18-Mar-20	no	n/a	collateral transfer	AUD	ORD	169,851	169,851
BlackRock Investment Management (UK) Limited	18-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,749,051	1,749,051
BlackRock Asset Management North Asia Limited	18-Mar-20	no	n/a	collateral transfer	AUD	ORD	3,235	3,235
BlackRock Asset Management Canada Limited	19-Mar-20	yes	2.86	on mkt buy	AUD	ORD	39	39
BlackRock Investment Management (UK) Limited	19-Mar-20	yes	2.86	on mkt buy	AUD	ORD	73	73
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	2.75	on mkt buy	AUD	ORD	6,015	6,015
BlackRock Advisors (UK) Limited	19-Mar-20	yes	2.75	on mkt buy	AUD	ORD	1,173	1,173
BlackRock Advisors (UK) Limited	19-Mar-20	yes	2.75	on mkt buy	AUD	ORD	12,104	12,104
BlackRock Advisors (UK) Limited	19-Mar-20	yes	2.75	on mkt buy	AUD	ORD	486	486
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	5,960	5,960
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	6,216	6,216
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	4,435	4,435
BlackRock Advisors (UK) Limited	19-Mar-20	no	n/a	collateral transfer	AUD	ORD	678,597	678,597
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD	15,946	15,946
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD	8,379	8,379
BLACKROCK ADVISORS, LLC	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	9,302	9,302
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	43,793	43,793
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	16,575	16,575
BlackRock International Limited	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	15,247	15,247
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	214,197	214,197
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	11,127	11,127
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	65,804	65,804
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	38,132	38,132
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	9,302	9,302
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	42,898	42,898
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	49,591	49,591
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Mar-20	yes	3.08	on mkt buy	AUD	ORD	11,148	11,148

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	14,035	14,035
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	4,010	4,010
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	12,402	12,402
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	7,216	7,216
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	454	454
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	454	454
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	3,632	3,632
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	529	529
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	2,230	2,230
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	377	377
BlackRock Investment Management (UK) Limited	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	26,850	26,850
BlackRock Institutional Trust Company, National Association	20-Mar-20	yes	3.05	on mkt buy	AUD	ORD	118,680	118,680
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD	14,450	14,450
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD	8,379	8,379
BlackRock Advisors (UK) Limited	20-Mar-20	no	n/a	collateral transfer	AUD	ORD	572	572
BlackRock Asset Management North Asia Limited	20-Mar-20	no	n/a	collateral transfer	AUD	ORD	58	58
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	7,296	7,296
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	57,080	57,080
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	7,112	7,112
BlackRock Investment Management (Australia) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	2,005	2,005
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	4,158	4,158
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	4,220	4,220
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.94	on mkt buy	AUD	ORD	24,228	24,228
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	1,600	1,600
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	4,740	4,740
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	1,896	1,896
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	1,149	1,149
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	8,316	8,316
BlackRock Investment Management, LLC	23-Mar-20	yes	2.92	on mkt buy	AUD	ORD	67,592	67,592
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	8,890	8,890
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	7,398	7,398
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	22,194	22,194
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	14,796	14,796
BlackRock Advisors (UK) Limited	23-Mar-20	no	n/a	collateral transfer	AUD	ORD	4,992,090	4,992,090
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Mar-20	no	n/a	collateral transfer	AUD	ORD	4,497	4,497
BlackRock Investment Management, LLC	23-Mar-20	no	n/a	collateral transfer	AUD	ORD	274,659	274,659
BlackRock Investment Management (UK) Limited	23-Mar-20	no	n/a	collateral transfer	AUD	ORD	121,004	121,004
BlackRock Asset Management North Asia Limited	23-Mar-20	no	n/a	collateral transfer	AUD	ORD	21,829	21,829
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	17,052	17,052
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	2,307	2,307
BlackRock Investment Management, LLC	24-Mar-20	yes	3.00	on mkt buy	AUD	ORD	6,005	6,005
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Mar-20	yes	3.40	on mkt buy	AUD	ORD	11,238	11,238
BLACKROCK ADVISORS, LLC	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	19,957	19,957
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	42,955	42,955
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	16,171	16,171
BlackRock International Limited	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	13,401	13,401
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	110,681	110,681
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	7,698	7,698
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	85,927	85,927
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	10,824	10,824
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	37,502	37,502
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	8,925	8,925
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	42,982	42,982

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.38	on mkt buy	AUD	ORD	53,154	53,154
BlackRock Investment Management (Australia) Limited	24-Mar-20	yes	3.52	on mkt buy	AUD	ORD	2,005	2,005
BlackRock Advisors (UK) Limited	24-Mar-20	yes	3.52	on mkt buy	AUD	ORD	2,470	2,470
BlackRock Advisors (UK) Limited	24-Mar-20	yes	3.52	on mkt buy	AUD	ORD	24,864	24,864
BlackRock Advisors (UK) Limited	24-Mar-20	yes	3.52	on mkt buy	AUD	ORD	4,000	4,000
BlackRock Investment Management (UK) Limited	24-Mar-20	yes	3.52	on mkt buy	AUD	ORD	11,427	11,427
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	14,115	14,115
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	15,540	15,540
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	5,180	5,180
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	10,360	10,360
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	8,554	8,554
BlackRock Japan Co., Ltd.	24-Mar-20	no	n/a	collateral transfer	AUD	ORD	962,273	962,273
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,206	1,206
BlackRock Investment Management, LLC	24-Mar-20	no	n/a	collateral transfer	AUD	ORD	37,578	37,578
BlackRock Investment Management (UK) Limited	24-Mar-20	no	n/a	collateral transfer	AUD	ORD	29,357	29,357
BlackRock Asset Management North Asia Limited	24-Mar-20	no	n/a	collateral transfer	AUD	ORD	5,072	5,072
BlackRock Fund Advisors	25-Mar-20	no	n/a	in specie	AUD	ORD	3,985	3,985
BlackRock Fund Advisors	25-Mar-20	yes	3.96	on mkt buy	AUD	ORD	1,540	1,540
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.67	on mkt buy	AUD	ORD	323	323
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.67	on mkt buy	AUD	ORD	2,005	2,005
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.67	on mkt buy	AUD	ORD	8,444	8,444
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.67	on mkt buy	AUD	ORD	1,588	1,588
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.67	on mkt buy	AUD	ORD	5,320	5,320
BlackRock Institutional Trust Company, National Association	25-Mar-20	yes	3.67	on mkt buy	AUD	ORD	20,445	20,445
BlackRock Fund Advisors	25-Mar-20	no	n/a	in specie	AUD	ORD	23,625	23,625
BlackRock Fund Advisors	25-Mar-20	no	n/a	in specie	AUD	ORD	18,495	18,495
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	18,153	18,153
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	30,255	30,255
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	1,576	1,576
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	1,488	1,488
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	48,408	48,408
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	4,334	4,334
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	7,905	7,905
BlackRock Fund Advisors	26-Mar-20	yes	3.79	on mkt buy	AUD	ORD	47,932	47,932
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	20,944	20,944
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	5,190	5,190
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	4,490	4,490
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD	10,380	10,380
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	6,307	6,307
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	10,527	10,527
BlackRock Investment Management (Australia) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	2,005	2,005
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	4,225	4,225
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	796	796
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	2,104	2,104
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	744	744
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	490	490
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	5,786	5,786
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.41	on mkt buy	AUD	ORD	744	744
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	31,464	31,464
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD	14,796	14,796
BlackRock Japan Co., Ltd.	27-Mar-20	no	n/a	collateral transfer	AUD	ORD	72,925	72,925
BlackRock Investment Management, LLC	27-Mar-20	no	n/a	collateral transfer	AUD	ORD	768,716	768,716
BlackRock Investment Management (UK) Limited	27-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,854,900	1,854,900
BlackRock Asset Management North Asia Limited	27-Mar-20	no	n/a	collateral transfer	AUD	ORD	4,295	4,295
BlackRock Fund Advisors	30-Mar-20	no	n/a	in specie	AUD	ORD	4,515	4,515
BlackRock Investment Management (Australia) Limited	30-Mar-20	yes	3.38	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Fund Advisors	30-Mar-20	no	n/a	in specie	AUD	ORD	1,155	1,155
BlackRock Fund Advisors	30-Mar-20	no	n/a	in specie	AUD	ORD	11,097	11,097

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 Japan Co., Ltd.	30-Mar-20	no	n/a	collateral transfer	AUD	ORD	8,890	8,890
BlackRock Advisors (UK) Limited	30-Mar-20	no	n/a	collateral transfer	AUD	ORD	704,622	704,622
BlackRock Investment Management (UK) Limited	30-Mar-20	no	n/a	collateral transfer	AUD	ORD	173,525	173,525
BlackRock Asset Management North Asia Limited	30-Mar-20	no	n/a	collateral transfer	AUD	ORD	480	480
BlackRock Fund Advisors	31-Mar-20	no	n/a	in specie	AUD	ORD	27,613	27,613
BlackRock Fund Advisors	31-Mar-20	no	n/a	in specie	AUD	ORD	15,360	15,360
BlackRock Investment Management (Australia) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	646	646
BlackRock Investment Management (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	22,113	22,113
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	4,138	4,138
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	16,768	16,768
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	12,576	12,576
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	1,222	1,222
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	4,378	4,378
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	2,240	2,240
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	7,398	7,398
BlackRock Advisors (UK) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	2,240	2,240
BlackRock Investment Management (Australia) Limited	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	49,906	49,906
BlackRock Institutional Trust Company, National Association	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	17,515	17,515
BlackRock (Netherlands) B.V.	31-Mar-20	yes	3.42	on mkt buy	AUD	ORD	24,350	24,350
BlackRock Advisors (UK) Limited	31-Mar-20	no	n/a	collateral transfer	AUD	ORD	1,552,333	1,552,333
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	9,856	9,856
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	6,160	6,160
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD	42,270	42,270
BlackRock Advisors (UK) Limited	01-Apr-20	yes	3.75	on mkt buy	AUD	ORD	8,228	8,228
BlackRock Advisors (UK) Limited	01-Apr-20	yes	3.75	on mkt buy	AUD	ORD	8,412	8,412
BlackRock Advisors (UK) Limited	01-Apr-20	yes	3.75	on mkt buy	AUD	ORD	24,260	24,260
BlackRock Advisors (UK) Limited	01-Apr-20	yes	3.75	on mkt buy	AUD	ORD	2,765	2,765
BlackRock Advisors (UK) Limited	01-Apr-20	yes	3.75	on mkt buy	AUD	ORD	77,588	77,588
BlackRock Institutional Trust Company, National Association	01-Apr-20	yes	3.75	on mkt buy	AUD	ORD	14,105	14,105
BlackRock Japan Co., Ltd.	01-Apr-20	no	n/a	collateral transfer	AUD	ORD	38,033	38,033
BlackRock Advisors (UK) Limited	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	6,058	6,058
BlackRock Advisors (UK) Limited	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	6,058	6,058
BlackRock Advisors (UK) Limited	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	354	354
BlackRock Advisors (UK) Limited	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	798	798
BlackRock Japan Co., Ltd.	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	15,822	15,822
BlackRock Investment Management (Australia) Limited	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	15,332	15,332
BlackRock Fund Advisors	02-Apr-20	yes	3.97	on mkt buy	AUD	ORD	20,592	20,592
BlackRock Japan Co., Ltd.	02-Apr-20	no	n/a	collateral transfer	AUD	ORD	810,076	810,076
BlackRock Advisors (UK) Limited	02-Apr-20	no	n/a	collateral transfer	AUD	ORD	2,768,274	2,768,274
BLACKROCK ADVISORS, LLC	03-Apr-20	yes	4.33	on mkt buy	AUD	ORD	409,650	409,650
BLACKROCK ADVISORS, LLC	03-Apr-20	yes	4.33	on mkt buy	AUD	ORD	175,700	175,700
BLACKROCK ADVISORS, LLC	03-Apr-20	yes	4.33	on mkt buy	AUD	ORD	24,800	24,800
BlackRock Investment Management (UK) Limited	03-Apr-20	yes	4.33	on mkt buy	AUD	ORD	2,006,950	2,006,950
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	22,055	22,055
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	4,010	4,010
BlackRock Advisors (UK) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	6,055	6,055
BlackRock Advisors (UK) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	716	716
BlackRock Advisors (UK) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	243	243
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	198,286	198,286
BlackRock Advisors (UK) Limited	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	28,622	28,622
BlackRock Institutional Trust Company, National Association	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	12,957	12,957
BlackRock (Netherlands) B.V.	03-Apr-20	yes	3.99	on mkt buy	AUD	ORD	35,869	35,869
BlackRock Fund Advisors	03-Apr-20	no	n/a	in specie	AUD	ORD	14,796	14,796
BlackRock Advisors (UK) Limited	03-Apr-20	no	n/a	collateral transfer	AUD	ORD	942,595	942,595

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

07-Apr-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 (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
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 Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Capital Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
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)

Securities Lending Agreements

Agreements entered into between BlackRock Advisors Limited and each of the following counterparties:

- (a) Bank of Nova Scotia, London Branch **GMSLA, 25 August 2011**
- (b) Barclays Bank plc **GMSLA, 9 April 2104**
- (c) Barclays Capital Securities Limited **GMSLA, 2 December 2012**
- (d) BNP Paribas Arbitrage **GMSLA, 30 May 2013**
- (e) BNP Paribas **GMSLA, 8 May 2007**
- (f) Citigroup Global Markets Limited **GMSLA, 18 January 2007**
- (g) Commerzbank AG **OSLA, 17 July 2002**
- (h) Credit Suisse AG, Dublin Branch **GMSLA, 28 September 2015**
- (i) Credit Suisse International **GMSLA, 10 March 2014**
- (j) Credit Suisse Securities (Europe) Limited **GMSLA, 26 August 2015**
- (k) Deutsche Bank AG, London Branch **GMSLA, 25 August 2017**
- (l) Goldman Sachs International **OSLA, 3 July 2001**
- (m) HSBC Bank plc **GMSLA, 27 October 2016**
- (n) ING Bank N.V. **GMSLA, 12 November 2018** (not yet operationally active)
- (o) J.P. Morgan Securities plc **GMSLA, 12 July 2011**
- (p) Macquarie Bank Limited **GMSLA, 18 August 2014**
- (q) Merrill Lynch International **OSLA, 13 July 1999**
- (r) Morgan Stanley & Co International plc **OSLA, 8 September 1999**
- (s) Natixis SA **GMSLA, 29 January 2018**
- (t) Nomura International plc **GMSLA, 2 November 2011**
- (u) Royal Bank of Canada Europe Limited **GMSLA, 3 February 2017**
- (v) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) **GMSLA, 1 April 2011**
- (w) Santander UK Plc **GMSLA, 25 January 2019** (not yet operationally active)
- (x) Skandinaviska Enskilda Banken AB **GMSLA, 4 February 2013**
- (y) Societe Generale **GMSLA, 27 January 2012**
- (z) UBS AG **GMSLA, 28 April 2016**
- (aa) UBS Europe SE **GMSLA, 1 February 2019**
- (bb) BAL/Banco Santander, S.A. **GMSLA, 30 April 2019**
- (cc) Canadian Imperial Bank of Commerce, London Branch **GMSLA, 21 June 2019**
- (dd) Zürcher Kantonalbank **GMSLA, 30 October 2019**

Agreements entered into by BlackRock Institutional Trust Corporation, N.A. and each of the following counterparties:

- (a) Bank of Nova Scotia **GMSLA, December 6, 2016**
- (b) Barclays Bank plc **GMSLA, April 24, 2017**
- (c) Barclays Capital Securities Limited **GMSLA, March 15, 2017**
- (d) BNP Paribas Arbitrage **GMSLA, June 5, 2017**
- (e) Citigroup Global Markets Limited **GMSLA, June 3, 2015**
- (f) Credit Suisse AG, Dublin Branch **GMSLA, October 14, 2015**
- (g) Credit Suisse Securities (Europe) Limited **GMSLA, October 2, 2015**
- (h) Deutsche Bank AG, London Branch **GMSLA, June 7, 2017**
- (i) Goldman Sachs International **OSLA April 1, 2004**
- (j) HSBC Bank plc **GMSLA, February 12, 2013**
- (k) J.P. Morgan Securities plc **GMSLA, October 4, 2016**
- (l) Macquarie Bank Limited **GMSLA, October 3, 2016**
- (m) Merrill Lynch International **GMSLA, February 19, 2014**
- (n) Morgan Stanley & Co International plc **OSLA, February 7, 2007**
- (o) Nomura International plc **GMSLA 03 August 2018 – not yet operational**
- (p) Societe Generale **GMSLA, September 28, 2016**
- (q) UBS AG **GMSLA, May 26, 2016**
- (r) UBS Europe SE **GMSLA, 1 February 2019**
- (s) The Hongkong and Shanghai Banking Corporation Limited **GMSLA, 22 February 2019**
- (t) RBC Europe Limited **GMSLA, 4 February 2019**
- (u) ING BANK N.V. **GMSLA, 27 February, 2019**

These counterparties do not pledge Australian equities:

- (a) Lloyds Bank plc
- (b) Merrill Lynch, Pierce, Fenner Smith Incorporated
- (c) Unicredit

These counterparties do not have any business with us anymore although may have done previously:

(a) Morgan Stanley Securities Limited (No Business) OSLA 15 March 1999

Royal Bank of Scotland N.V. **GMSLA, 12 October 2011 – No Business, superseded by Royal Bank of Scotland PLC**