

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme AMP LIMITEDACN/ARSN 079 354 519**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 16 / 09 / 2019**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	174,343,247	174,343,247	5.07

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 Bradley Taylor

capacity Authorised Signatory*

sign here

date 18 / 09 / 2019

* 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.

18-Sep-19

Bradley Taylor,
Authorised Signatory

Date

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

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD172,534	172,534	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.	KAS-KAS BANK - AMSTERDAM		ORD35,026	35,026	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		ORD408,969	408,969	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		ORD43,962	43,962	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		ORD5,159,658	5,159,658	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - LONDON		ORD2,621,374	2,621,374	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		ORD802,120	802,120	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 BANK, GERMANY		ORD29,260	29,260	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		ORD7,863,895	7,863,895	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		ORD58,727	58,727	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		ORD302,096	302,096	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		ORD1,645,230	1,645,230	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		ORD10,561	10,561	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		ORD1,744,434	1,744,434	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.	RBC-ROYAL TRUST - TORONTO		ORD17,934	17,934	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		ORD166,381	166,381	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		ORD597,280	597,280	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		ORD7,087	7,087	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		ORD53,494	53,494	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		ORD4,216	4,216	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		ORD70,115	70,115	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		ORD295,192	295,192	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		ORD333,192	333,192	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		ORD423,276	423,276	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		ORD104,607	104,607	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		ORD37,658	37,658	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		ORD544,272	544,272	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		ORD123,510	123,510	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		ORD41,334,820	41,334,820	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		ORD2,454,902	2,454,902	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		ORD44,672,120	44,672,120	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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD359,340	359,340	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 BOSTON INSTITUTIONAL		ORD58,273	58,273	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		ORD1,834,464	1,834,464	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		ORD36,868	36,868	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 BANK, BOSTON		ORD51,657	51,657	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		ORD7,371	7,371	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		ORD114,214	114,214	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		ORD1,305,277	1,305,277	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		ORD4,221,803	4,221,803	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		ORD28,470	28,470	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		ORD4,434,033	4,434,033	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ORD3,022,106	3,022,106	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		ORD2,422,749	2,422,749	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.	BNP PARIBAS LON		ORD 84,414	84,414	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 19,214	19,214	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 1,575,345	1,575,345	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 1,473,137	1,473,137	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 3,297,176	3,297,176	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 5,388,984	5,388,984	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 2,656,427	2,656,427	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 106,454	106,454	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 58,920	58,920	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 335,315	335,315	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 CO. - CHICAGO		ORD 151,297	151,297	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 5,130,118	5,130,118	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 219,924	219,924	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 126,611	126,611	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 1,039,106	1,039,106	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 186,465	186,465	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 LONDON		ORD 2,731,847	2,731,847	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 134,840	134,840	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 1,953,508	1,953,508	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 1,851,105	1,851,105	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.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 27,340	27,340	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 63,651	63,651	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 2,005,050	2,005,050	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 4,802,166	4,802,166	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 41,207	41,207	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 1,751,449	1,751,449	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 7,097,650	7,097,650	subsidiary of BlackRock Inc.

This is Annexure B of 9 pages referred to in form 603 Notice of initial substantial shareholder

18-Sep-19
Bradley Taylor,
Authorised Signatory
Date

5. Consideration

AMP LIMITED (AMP)								
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 Advisors (UK) Limited	17-May-19	yes	2.20	on mkt buy	AUD	ORD	6,435	6,435
BlackRock Advisors (UK) Limited	20-May-19	yes	2.27	on mkt buy	AUD	ORD	1,233	1,233
BlackRock Advisors (UK) Limited	20-May-19	yes	2.27	on mkt buy	AUD	ORD	8,584	8,584
BlackRock (Netherlands) B.V.	20-May-19	no	n/a	in specie	AUD	ORD	408,969	408,969
BlackRock Advisors (UK) Limited	21-May-19	yes	2.27	on mkt buy	AUD	ORD	6,637	6,637
BlackRock Advisors (UK) Limited	22-May-19	yes	2.21	on mkt buy	AUD	ORD	5,944	5,944
BlackRock Advisors (UK) Limited	22-May-19	yes	2.21	on mkt buy	AUD	ORD	12,882	12,882
BlackRock Advisors (UK) Limited	22-May-19	yes	2.21	on mkt buy	AUD	ORD	19,875	19,875
BlackRock Investment Management (UK) Limited	22-May-19	yes	2.21	on mkt buy	AUD	ORD	201,715	201,715
BlackRock Fund Advisors	22-May-19	no	n/a	in specie	AUD	ORD	34,410	34,410
BlackRock Fund Advisors	22-May-19	no	n/a	in specie	AUD	ORD	68,820	68,820
BlackRock Institutional Trust Company, National Association	22-May-19	no	n/a	in specie	AUD	ORD	86,654	86,654
BlackRock Institutional Trust Company, National Association	22-May-19	no	n/a	in specie	AUD	ORD	20,086	20,086
BlackRock Japan Co., Ltd.	22-May-19	no	n/a	collateral transfer	AUD	ORD	1,295,419	1,295,419
BlackRock Advisors (UK) Limited	22-May-19	no	n/a	collateral transfer	AUD	ORD	449,001	449,001
BlackRock Asset Management Canada Limited	28-May-19	yes	2.20	on mkt buy	AUD	ORD	104,484	104,484
BlackRock International Limited	28-May-19	yes	2.20	on mkt buy	AUD	ORD	103,429	103,429
BlackRock Advisors (UK) Limited	28-May-19	yes	2.20	on mkt buy	AUD	ORD	19,942	19,942
BlackRock Advisors (UK) Limited	28-May-19	yes	2.20	on mkt buy	AUD	ORD	76,800	76,800
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.20	on mkt buy	AUD	ORD	135,203	135,203
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.20	on mkt buy	AUD	ORD	53,285	53,285
BlackRock Investment Management (Australia) Limited	29-May-19	yes	2.19	on mkt buy	AUD	ORD	726	726
BlackRock Advisors (UK) Limited	29-May-19	yes	2.19	on mkt buy	AUD	ORD	6,367	6,367
BlackRock Institutional Trust Company, National Association	31-May-19	yes	2.17	on mkt buy	AUD	ORD	7,356	7,356
BlackRock Advisors (UK) Limited	31-May-19	yes	2.17	on mkt buy	AUD	ORD	513	513
BlackRock Advisors (UK) Limited	31-May-19	yes	2.17	on mkt buy	AUD	ORD	79,499	79,499
BlackRock Advisors (UK) Limited	31-May-19	yes	2.17	on mkt buy	AUD	ORD	68,074	68,074
BlackRock Advisors (UK) Limited	04-Jun-19	yes	2.12	on mkt buy	AUD	ORD	6,870	6,870
BlackRock Institutional Trust Company, National Association	04-Jun-19	yes	2.12	on mkt buy	AUD	ORD	55,912	55,912
BlackRock Fund Advisors	04-Jun-19	yes	2.12	on mkt buy	AUD	ORD	45,953	45,953
BlackRock Institutional Trust Company, National Association	05-Jun-19	no	n/a	in specie	AUD	ORD	16,431	16,431

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Investment Management (Australia) Limited	05-Jun-19	yes	2.12	on mkt buy	AUD	ORD 1,089	1,089
BlackRock Fund Advisors	05-Jun-19	no	n/a	in specie	AUD	ORD 51,474	51,474
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	2.11	on mkt buy	AUD	ORD 726	726
BlackRock Advisors (UK) Limited	06-Jun-19	yes	2.11	on mkt buy	AUD	ORD 6,406	6,406
BlackRock Advisors (UK) Limited	06-Jun-19	yes	2.11	on mkt buy	AUD	ORD 19,218	19,218
BlackRock Fund Advisors	06-Jun-19	no	n/a	in specie	AUD	ORD 985	985
BlackRock Investment Management (UK) Limited	07-Jun-19	yes	2.13	on mkt buy	AUD	ORD 24,800	24,800
BlackRock Advisors (UK) Limited	07-Jun-19	yes	2.13	on mkt buy	AUD	ORD 144,759	144,759
BlackRock Advisors (UK) Limited	07-Jun-19	yes	2.13	on mkt buy	AUD	ORD 21,409	21,409
BlackRock Fund Advisors	07-Jun-19	yes	2.13	on mkt buy	AUD	ORD 64,186	64,186
BlackRock Advisors (UK) Limited	10-Jun-19	no	n/a	collateral transfer	AUD	ORD 3,126,666	3,126,666
BlackRock Advisors (UK) Limited	11-Jun-19	yes	2.19	on mkt buy	AUD	ORD 5,560	5,560
BlackRock Advisors (UK) Limited	11-Jun-19	yes	2.19	on mkt buy	AUD	ORD 5,560	5,560
BLACKROCK FINANCIAL MANAGEMENT, INC.	11-Jun-19	yes	2.19	on mkt buy	AUD	ORD 11,695	11,695
BlackRock Capital Management, Inc.	11-Jun-19	no	n/a	collateral transfer	AUD	ORD 225	225
BLACKROCK FINANCIAL MANAGEMENT, INC.	11-Jun-19	no	n/a	collateral transfer	AUD	ORD 229	229
BlackRock Investment Management, LLC	11-Jun-19	no	n/a	collateral transfer	AUD	ORD 184	184
BlackRock Investment Management (UK) Limited	11-Jun-19	no	n/a	collateral transfer	AUD	ORD 43,647	43,647
BlackRock Investment Management (UK) Limited	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 194,603	194,603
BlackRock Advisors, LLC	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 10,100	10,100
BlackRock Institutional Trust Company, National Association	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 4,825	4,825
BlackRock Advisors, LLC	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 6,837	6,837
BlackRock Advisors (UK) Limited	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 6,767	6,767
BlackRock Advisors (UK) Limited	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 1,390	1,390
BlackRock Advisors (UK) Limited	12-Jun-19	yes	2.19	on mkt buy	AUD	ORD 71,810	71,810
BlackRock Japan Co., Ltd.	12-Jun-19	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Institutional Trust Company, National Association	13-Jun-19	no	n/a	in specie	AUD	ORD 64,410	64,410
BlackRock (Netherlands) B.V.	13-Jun-19	yes	2.24	on mkt buy	AUD	ORD 2,908	2,908
BlackRock Institutional Trust Company, National Association	13-Jun-19	yes	2.24	on mkt buy	AUD	ORD 88,542	88,542
BlackRock Institutional Trust Company, National Association	13-Jun-19	yes	2.24	on mkt buy	AUD	ORD 46,582	46,582
BlackRock Japan Co., Ltd.	13-Jun-19	no	n/a	collateral transfer	AUD	ORD 4	4
BlackRock Advisors (UK) Limited	13-Jun-19	no	n/a	collateral transfer	AUD	ORD 665,512	665,512
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	2.11	on mkt buy	AUD	ORD 726	726
BlackRock Advisors (UK) Limited	14-Jun-19	no	n/a	collateral transfer	AUD	ORD 60,574	60,574
BlackRock Investment Management, LLC	14-Jun-19	no	n/a	collateral transfer	AUD	ORD 99,869	99,869
BlackRock Investment Management (UK) Limited	14-Jun-19	no	n/a	collateral transfer	AUD	ORD 81,166	81,166
BlackRock Fund Advisors	17-Jun-19	yes	2.11	on mkt buy	AUD	ORD 45,189	45,189
BlackRock Advisors (UK) Limited	17-Jun-19	yes	2.09	on mkt buy	AUD	ORD 594	594

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	18-Jun-19	no	n/a	in specie	AUD	ORD	10,346	10,346
BlackRock Advisors (UK) Limited	18-Jun-19	no	n/a	collateral transfer	AUD	ORD	2,132,272	2,132,272
BlackRock Investment Management, LLC	19-Jun-19	yes	2.10	on mkt buy	AUD	ORD	13,976	13,976
BlackRock Investment Management (Australia) Limited	19-Jun-19	yes	2.07	on mkt buy	AUD	ORD	23,590	23,590
BlackRock Advisors (UK) Limited	19-Jun-19	yes	2.07	on mkt buy	AUD	ORD	422	422
BlackRock Advisors (UK) Limited	20-Jun-19	yes	2.07	on mkt buy	AUD	ORD	4,655	4,655
BlackRock Advisors (UK) Limited	21-Jun-19	yes	2.07	on mkt buy	AUD	ORD	3,772	3,772
BlackRock Investment Management (Australia) Limited	21-Jun-19	yes	2.07	on mkt buy	AUD	ORD	38,448	38,448
BlackRock Fund Advisors	21-Jun-19	yes	2.07	on mkt buy	AUD	ORD	53,220	53,220
BlackRock Institutional Trust Company, National Association	21-Jun-19	yes	2.07	on mkt buy	AUD	ORD	10,952	10,952
BlackRock Fund Advisors	21-Jun-19	no	n/a	in specie	AUD	ORD	22,528	22,528
BlackRock Advisors (UK) Limited	21-Jun-19	no	n/a	collateral transfer	AUD	ORD	164,691	164,691
BlackRock Advisors (UK) Limited	24-Jun-19	yes	2.06	on mkt buy	AUD	ORD	5,658	5,658
BlackRock Fund Advisors	24-Jun-19	no	n/a	in specie	AUD	ORD	15,225	15,225
BlackRock Asset Management Canada Limited	24-Jun-19	yes	2.06	on mkt buy	AUD	ORD	51,793	51,793
BlackRock Investment Management (UK) Limited	24-Jun-19	no	n/a	collateral transfer	AUD	ORD	884,667	884,667
BlackRock Advisors (UK) Limited	25-Jun-19	yes	2.03	on mkt buy	AUD	ORD	928	928
BlackRock Advisors (UK) Limited	25-Jun-19	no	n/a	collateral transfer	AUD	ORD	413,918	413,918
BlackRock Advisors (UK) Limited	26-Jun-19	yes	2.07	on mkt buy	AUD	ORD	49,218	49,218
BlackRock Investment Management (UK) Limited	27-Jun-19	no	n/a	collateral transfer	AUD	ORD	164,615	164,615
BlackRock Advisors (UK) Limited	28-Jun-19	yes	2.12	on mkt buy	AUD	ORD	428	428
BlackRock Fund Advisors	28-Jun-19	no	n/a	in specie	AUD	ORD	18,200	18,200
BlackRock Fund Advisors	28-Jun-19	no	n/a	in specie	AUD	ORD	9,425	9,425
BlackRock Advisors (UK) Limited	28-Jun-19	no	n/a	collateral transfer	AUD	ORD	766,581	766,581
BlackRock Japan Co., Ltd.	01-Jul-19	no	n/a	collateral transfer	AUD	ORD	502,663	502,663
BlackRock Advisors (UK) Limited	01-Jul-19	no	n/a	collateral transfer	AUD	ORD	597,468	597,468
BLACKROCK FINANCIAL MANAGEMENT, INC.	01-Jul-19	no	n/a	collateral transfer	AUD	ORD	115,508	115,508
BlackRock Investment Management (UK) Limited	01-Jul-19	no	n/a	collateral transfer	AUD	ORD	49,100	49,100
BlackRock Investment Management (UK) Limited	02-Jul-19	yes	2.13	on mkt buy	AUD	ORD	31,053	31,053
BlackRock Investment Management (Australia) Limited	02-Jul-19	yes	2.13	on mkt buy	AUD	ORD	62,379	62,379
BlackRock Investment Management (UK) Limited	02-Jul-19	no	n/a	collateral transfer	AUD	ORD	2,528,284	2,528,284
BlackRock Investment Management (Australia) Limited	03-Jul-19	yes	2.16	on mkt buy	AUD	ORD	48,448	48,448
BlackRock Advisors (UK) Limited	03-Jul-19	yes	2.17	on mkt buy	AUD	ORD	2,975	2,975
BlackRock Asset Management Canada Limited	03-Jul-19	yes	2.17	on mkt buy	AUD	ORD	82,990	82,990
BlackRock Advisors (UK) Limited	03-Jul-19	no	n/a	collateral transfer	AUD	ORD	3,541,529	3,541,529
BlackRock Investment Management (Australia) Limited	04-Jul-19	yes	2.17	on mkt buy	AUD	ORD	724	724
BlackRock Investment Management (Australia) Limited	04-Jul-19	yes	2.17	on mkt buy	AUD	ORD	32,482	32,482
BlackRock Advisors (UK) Limited	05-Jul-19	yes	2.17	on mkt buy	AUD	ORD	6,822	6,822

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	05-Jul-19	yes	2.17	on mkt buy	AUD	ORD 1,192	1,192
BlackRock Advisors (UK) Limited	08-Jul-19	yes	2.15	on mkt buy	AUD	ORD 6,822	6,822
BlackRock Institutional Trust Company, National Association	08-Jul-19	yes	2.15	on mkt buy	AUD	ORD 91,495	91,495
BlackRock Fund Advisors	08-Jul-19	yes	2.15	on mkt buy	AUD	ORD 28,683	28,683
BlackRock Advisors (UK) Limited	08-Jul-19	no	n/a	collateral transfer	AUD	ORD 327,353	327,353
BlackRock Investment Management (UK) Limited	09-Jul-19	no	n/a	collateral transfer	AUD	ORD 2,959,468	2,959,468
BlackRock Investment Management (UK) Limited	10-Jul-19	yes	2.14	on mkt buy	AUD	ORD 19,588	19,588
BlackRock Advisors (UK) Limited	10-Jul-19	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Advisors (UK) Limited	11-Jul-19	yes	2.14	on mkt buy	AUD	ORD 434	434
BlackRock Investment Management (Australia) Limited	12-Jul-19	yes	2.15	on mkt buy	AUD	ORD 39,792	39,792
BlackRock Institutional Trust Company, National Association	12-Jul-19	yes	2.15	on mkt buy	AUD	ORD 255,744	255,744
BlackRock Advisors (UK) Limited	12-Jul-19	yes	2.15	on mkt buy	AUD	ORD 8,460	8,460
BlackRock Fund Advisors	12-Jul-19	no	n/a	in specie	AUD	ORD 985	985
BlackRock Fund Advisors	12-Jul-19	no	n/a	in specie	AUD	ORD 5,912	5,912
BlackRock Institutional Trust Company, National Association	15-Jul-19	yes	1.81	on mkt buy	AUD	ORD 27,064	27,064
BlackRock Asset Management Canada Limited	15-Jul-19	yes	1.81	on mkt buy	AUD	ORD 67,312	67,312
BlackRock Advisors (UK) Limited	15-Jul-19	no	n/a	collateral transfer	AUD	ORD 553,902	553,902
BlackRock Advisors (UK) Limited	16-Jul-19	yes	1.78	on mkt buy	AUD	ORD 13,618	13,618
BlackRock Asset Management Canada Limited	16-Jul-19	yes	1.78	on mkt buy	AUD	ORD 18,196	18,196
BlackRock Fund Advisors	16-Jul-19	no	n/a	in specie	AUD	ORD 985	985
BlackRock Fund Advisors	16-Jul-19	no	n/a	in specie	AUD	ORD 22,475	22,475
BlackRock Investment Management (UK) Limited	17-Jul-19	yes	1.80	on mkt buy	AUD	ORD 23,442	23,442
BlackRock Advisors (UK) Limited	17-Jul-19	yes	1.80	on mkt buy	AUD	ORD 13,984	13,984
BlackRock Investment Management (Australia) Limited	17-Jul-19	yes	1.80	on mkt buy	AUD	ORD 62,759	62,759
BlackRock Advisors (UK) Limited	17-Jul-19	yes	1.80	on mkt buy	AUD	ORD 192,843	192,843
BlackRock Institutional Trust Company, National Association	17-Jul-19	yes	1.80	on mkt buy	AUD	ORD 97,039	97,039
BlackRock Advisors (UK) Limited	17-Jul-19	no	n/a	collateral transfer	AUD	ORD 223,574	223,574
BlackRock Investment Management (UK) Limited	17-Jul-19	no	n/a	collateral transfer	AUD	ORD 30	30
BlackRock Advisors (UK) Limited	18-Jul-19	yes	1.78	on mkt buy	AUD	ORD 6,851	6,851
BlackRock Advisors (UK) Limited	18-Jul-19	yes	1.78	on mkt buy	AUD	ORD 13,702	13,702
BlackRock Investment Management (UK) Limited	18-Jul-19	yes	1.78	on mkt buy	AUD	ORD 925,112	925,112
BlackRock Institutional Trust Company, National Association	18-Jul-19	yes	1.78	on mkt buy	AUD	ORD 122,082	122,082
BLACKROCK FINANCIAL MANAGEMENT, INC.	18-Jul-19	no	n/a	collateral transfer	AUD	ORD 46,473	46,473
BlackRock Investment Management (UK) Limited	18-Jul-19	no	n/a	collateral transfer	AUD	ORD 31,586	31,586
BlackRock Advisors (UK) Limited	19-Jul-19	yes	1.80	on mkt buy	AUD	ORD 89,089	89,089
BlackRock Fund Advisors	19-Jul-19	no	n/a	in specie	AUD	ORD 8,676	8,676
BlackRock Fund Advisors	19-Jul-19	no	n/a	in specie	AUD	ORD 39,786	39,786
BlackRock Advisors (UK) Limited	19-Jul-19	no	n/a	collateral transfer	AUD	ORD 1,967,338	1,967,338

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	22-Jul-19	yes	1.78	on mkt buy	AUD	ORD 1,168	1,168
BlackRock Investment Management (UK) Limited	22-Jul-19	no	n/a	in specie	AUD	ORD 69,401	69,401
BlackRock Investment Management (UK) Limited	22-Jul-19	no	n/a	in specie	AUD	ORD 2,242,051	2,242,051
BlackRock Advisors (UK) Limited	22-Jul-19	no	n/a	collateral transfer	AUD	ORD 946,839	946,839
BlackRock Investment Management (UK) Limited	22-Jul-19	no	n/a	collateral transfer	AUD	ORD 30	30
BlackRock Advisors (UK) Limited	23-Jul-19	yes	1.75	on mkt buy	AUD	ORD 1,187	1,187
BlackRock Advisors (UK) Limited	23-Jul-19	yes	1.75	on mkt buy	AUD	ORD 673	673
BlackRock Advisors (UK) Limited	23-Jul-19	yes	1.75	on mkt buy	AUD	ORD 1,712	1,712
BlackRock Advisors (UK) Limited	24-Jul-19	yes	1.80	on mkt buy	AUD	ORD 6,916	6,916
BlackRock Investment Management (Australia) Limited	24-Jul-19	yes	1.80	on mkt buy	AUD	ORD 23,212	23,212
BlackRock Japan Co., Ltd.	24-Jul-19	no	n/a	collateral transfer	AUD	ORD 186,882	186,882
BlackRock Advisors (UK) Limited	24-Jul-19	no	n/a	collateral transfer	AUD	ORD 144,595	144,595
BlackRock Fund Advisors	25-Jul-19	no	n/a	in specie	AUD	ORD 12,600	12,600
BlackRock Fund Advisors	25-Jul-19	no	n/a	in specie	AUD	ORD 53,048	53,048
BlackRock Fund Advisors	26-Jul-19	yes	1.81	on mkt buy	AUD	ORD 332,310	332,310
BlackRock Advisors (UK) Limited	26-Jul-19	yes	1.82	on mkt buy	AUD	ORD 11,104	11,104
BlackRock Advisors (UK) Limited	29-Jul-19	yes	1.83	on mkt buy	AUD	ORD 6,931	6,931
BlackRock Advisors (UK) Limited	29-Jul-19	yes	1.83	on mkt buy	AUD	ORD 6,864	6,864
BlackRock Advisors (UK) Limited	29-Jul-19	yes	1.83	on mkt buy	AUD	ORD 2,076	2,076
BlackRock Advisors (UK) Limited	29-Jul-19	yes	1.83	on mkt buy	AUD	ORD 5,536	5,536
BlackRock Advisors (UK) Limited	29-Jul-19	no	n/a	collateral transfer	AUD	ORD 1,047,126	1,047,126
BlackRock Institutional Trust Company, National Association	30-Jul-19	no	n/a	in specie	AUD	ORD 10,106	10,106
BlackRock Advisors (UK) Limited	30-Jul-19	yes	1.83	on mkt buy	AUD	ORD 1,412	1,412
BlackRock Advisors (UK) Limited	30-Jul-19	yes	1.83	on mkt buy	AUD	ORD 1,190	1,190
BLACKROCK FINANCIAL MANAGEMENT, INC.	30-Jul-19	no	n/a	collateral transfer	AUD	ORD 150,661	150,661
BlackRock Investment Management (UK) Limited	30-Jul-19	no	n/a	collateral transfer	AUD	ORD 355,918	355,918
BlackRock Advisors (UK) Limited	31-Jul-19	yes	1.79	on mkt buy	AUD	ORD 6,861	6,861
BlackRock Advisors (UK) Limited	31-Jul-19	yes	1.79	on mkt buy	AUD	ORD 7,155	7,155
BlackRock Japan Co., Ltd.	31-Jul-19	no	n/a	collateral transfer	AUD	ORD 22,329	22,329
BlackRock Investment Management, LLC	31-Jul-19	no	n/a	collateral transfer	AUD	ORD 138,359	138,359
BlackRock Asset Management North Asia Limited	31-Jul-19	no	n/a	collateral transfer	AUD	ORD 6,783	6,783
BlackRock Japan Co., Ltd.	02-Aug-19	no	n/a	collateral transfer	AUD	ORD 188,509	188,509
BlackRock Advisors (UK) Limited	02-Aug-19	no	n/a	collateral transfer	AUD	ORD 253,100	253,100
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Aug-19	no	n/a	collateral transfer	AUD	ORD 142,239	142,239
BlackRock Investment Management, LLC	02-Aug-19	no	n/a	collateral transfer	AUD	ORD 1,336,939	1,336,939
BlackRock Investment Management (UK) Limited	02-Aug-19	no	n/a	collateral transfer	AUD	ORD 418,873	418,873
BlackRock Asset Management North Asia Limited	02-Aug-19	no	n/a	collateral transfer	AUD	ORD 64,561	64,561
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	1.75	on mkt buy	AUD	ORD 4,770	4,770

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	06-Aug-19	yes	1.74	on mkt buy	AUD	ORD	23,212	23,212
BlackRock Advisors (UK) Limited	06-Aug-19	yes	1.74	on mkt buy	AUD	ORD	6,862	6,862
BlackRock Advisors (UK) Limited	06-Aug-19	no	n/a	collateral transfer	AUD	ORD	253,108	253,108
BlackRock Advisors (UK) Limited	07-Aug-19	yes	1.73	on mkt buy	AUD	ORD	439	439
BlackRock Advisors (UK) Limited	08-Aug-19	no	n/a	collateral transfer	AUD	ORD	2	2
BlackRock Investment Management (Australia) Limited	09-Aug-19	yes	1.93	on mkt buy	AUD	ORD	26,528	26,528
BlackRock Advisors (UK) Limited	09-Aug-19	yes	1.93	on mkt buy	AUD	ORD	21,471	21,471
BlackRock Investment Management (Australia) Limited	09-Aug-19	yes	1.93	on mkt buy	AUD	ORD	34,369	34,369
BlackRock Investment Management (UK) Limited	09-Aug-19	no	n/a	collateral transfer	AUD	ORD	39	39
BlackRock Advisors (UK) Limited	13-Aug-19	yes	1.81	on mkt buy	AUD	ORD	20,544	20,544
BlackRock Advisors (UK) Limited	13-Aug-19	yes	1.81	on mkt buy	AUD	ORD	6,848	6,848
BlackRock Advisors (UK) Limited	13-Aug-19	yes	1.81	on mkt buy	AUD	ORD	352,742	352,742
BlackRock Investment Management (UK) Limited	13-Aug-19	yes	1.81	on mkt buy	AUD	ORD	117,766	117,766
BlackRock Advisors (UK) Limited	13-Aug-19	no	n/a	collateral transfer	AUD	ORD	175,459	175,459
BlackRock Investment Management (Australia) Limited	14-Aug-19	yes	1.89	on mkt buy	AUD	ORD	77,625	77,625
BlackRock Investment Management (Australia) Limited	14-Aug-19	yes	1.90	on mkt buy	AUD	ORD	61,940	61,940
BlackRock Investment Management, LLC	14-Aug-19	yes	1.90	on mkt buy	AUD	ORD	11,234	11,234
BlackRock Investment Management (Australia) Limited	14-Aug-19	yes	1.90	on mkt buy	AUD	ORD	36,537	36,537
BlackRock Advisors (UK) Limited	14-Aug-19	no	n/a	collateral transfer	AUD	ORD	36,716	36,716
BlackRock Investment Management (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	147,994	147,994
BlackRock Investment Management (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	127,110	127,110
BlackRock Investment Management (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	64,954	64,954
BlackRock Advisors (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	171,928	171,928
BlackRock (Netherlands) B.V.	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	21,027	21,027
BlackRock Fund Advisors	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	335,662	335,662
BlackRock Fund Advisors	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	580,382	580,382
BlackRock Advisors (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	358,731	358,731
BlackRock Advisors (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	127,467	127,467
BlackRock Advisors (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	63,900	63,900
BlackRock Institutional Trust Company, National Association	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	1,125,748	1,125,748
BlackRock Institutional Trust Company, National Association	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	317,710	317,710
BlackRock Investment Management (UK) Limited	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	318,525	318,525
BlackRock Fund Advisors	15-Aug-19	yes	1.83	on mkt buy	AUD	ORD	593,507	593,507
BlackRock Advisors (UK) Limited	15-Aug-19	no	n/a	collateral transfer	AUD	ORD	2	2
BlackRock International Limited	16-Aug-19	yes	1.82	on mkt buy	AUD	ORD	104,274	104,274
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	521,911	521,911
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	546,993	546,993
BlackRock Investment Management, LLC	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	92,929	92,929

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	363,379	363,379
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	297,242	297,242
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	166,867	166,867
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	211,246	211,246
BlackRock Investment Management (Australia) Limited	16-Aug-19	yes	1.73	on mkt buy	AUD	ORD	222,351	222,351
BlackRock Fund Advisors	16-Aug-19	no	n/a	in specie	AUD	ORD	8,637	8,637
BlackRock Advisors (UK) Limited	16-Aug-19	no	n/a	collateral transfer	AUD	ORD	536,780	536,780
BlackRock Investment Management (UK) Limited	19-Aug-19	yes	1.77	on mkt buy	AUD	ORD	48,342	48,342
BlackRock Asset Management Canada Limited	19-Aug-19	yes	1.77	on mkt buy	AUD	ORD	23,719	23,719
BlackRock Institutional Trust Company, National Association	19-Aug-19	yes	1.78	on mkt buy	AUD	ORD	1,121,534	1,121,534
BlackRock Institutional Trust Company, National Association	19-Aug-19	yes	1.78	on mkt buy	AUD	ORD	890,975	890,975
BlackRock Institutional Trust Company, National Association	19-Aug-19	yes	1.78	on mkt buy	AUD	ORD	373,206	373,206
BlackRock Asset Management Canada Limited	19-Aug-19	yes	1.78	on mkt buy	AUD	ORD	21,845	21,845
BLACKROCK FINANCIAL MANAGEMENT, INC.	19-Aug-19	no	n/a	collateral transfer	AUD	ORD	74,114	74,114
BlackRock Investment Management (UK) Limited	19-Aug-19	no	n/a	collateral transfer	AUD	ORD	10,465	10,465
BlackRock Investment Management, LLC	20-Aug-19	yes	1.77	on mkt buy	AUD	ORD	12,297	12,297
BlackRock Investment Management (Australia) Limited	20-Aug-19	yes	1.80	on mkt buy	AUD	ORD	30,552	30,552
BlackRock Investment Management (Australia) Limited	20-Aug-19	yes	1.80	on mkt buy	AUD	ORD	363	363
BlackRock Advisors (UK) Limited	20-Aug-19	no	n/a	collateral transfer	AUD	ORD	7,175	7,175
BlackRock Investment Management (Australia) Limited	21-Aug-19	yes	1.75	on mkt buy	AUD	ORD	237,894	237,894
BlackRock Fund Advisors	21-Aug-19	yes	1.77	on mkt buy	AUD	ORD	289,009	289,009
BlackRock Investment Management (Australia) Limited	21-Aug-19	yes	1.74	on mkt buy	AUD	ORD	11,457	11,457
BlackRock Advisors (UK) Limited	21-Aug-19	yes	1.74	on mkt buy	AUD	ORD	7,683	7,683
BlackRock Investment Management (Australia) Limited	23-Aug-19	yes	1.67	on mkt buy	AUD	ORD	19,095	19,095
BlackRock Investment Management (Australia) Limited	23-Aug-19	yes	1.67	on mkt buy	AUD	ORD	363	363
BLACKROCK FINANCIAL MANAGEMENT, INC.	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	14,865	14,865
BlackRock Investment Management (UK) Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	1,398,937	1,398,937
BlackRock Advisors (UK) Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	11,450	11,450
BlackRock Advisors (UK) Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	34,356	34,356
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	11,240	11,240
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	33,721	33,721
BlackRock Asset Management Canada Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	64,013	64,013
BlackRock Asset Management Canada Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	192,030	192,030
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	6,710	6,710
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	2,235	2,235
BlackRock International Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	12,760	12,760
BlackRock International Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	38,285	38,285
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	155,969	155,969

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 Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	51,987	51,987
BLACKROCK FINANCIAL MANAGEMENT, INC.	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	50,124	50,124
BLACKROCK FINANCIAL MANAGEMENT, INC.	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	16,707	16,707
BlackRock Investment Management (UK) Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	97,528	97,528
BlackRock Investment Management (UK) Limited	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	292,578	292,578
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	3,835	3,835
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	11,507	11,507
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	502,989	502,989
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	1.66	on mkt buy	AUD	ORD	1,508,945	1,508,945
BlackRock Fund Advisors	28-Aug-19	yes	1.64	on mkt buy	AUD	ORD	131,711	131,711
BlackRock Investment Management (Australia) Limited	28-Aug-19	yes	1.63	on mkt buy	AUD	ORD	101,396	101,396
BlackRock Fund Advisors	29-Aug-19	yes	1.67	on mkt buy	AUD	ORD	181,094	181,094
BlackRock Advisors (UK) Limited	29-Aug-19	no	n/a	collateral transfer	AUD	ORD	134,903	134,903
BlackRock Investment Management (Australia) Limited	30-Aug-19	yes	1.70	on mkt buy	AUD	ORD	726	726
BlackRock Advisors (UK) Limited	30-Aug-19	yes	1.70	on mkt buy	AUD	ORD	1,184	1,184
BlackRock Fund Advisors	30-Aug-19	no	n/a	in specie	AUD	ORD	18,975	18,975
BlackRock Investment Management (Australia) Limited	03-Sep-19	yes	1.62	on mkt buy	AUD	ORD	22,914	22,914
BlackRock Institutional Trust Company, National Association	03-Sep-19	yes	1.62	on mkt buy	AUD	ORD	331,602	331,602
BlackRock Advisors (UK) Limited	03-Sep-19	yes	1.62	on mkt buy	AUD	ORD	169	169
BlackRock Advisors (UK) Limited	03-Sep-19	yes	1.62	on mkt buy	AUD	ORD	2,368	2,368
BlackRock Advisors (UK) Limited	04-Sep-19	yes	1.65	on mkt buy	AUD	ORD	743	743
BlackRock Advisors (UK) Limited	04-Sep-19	yes	1.65	on mkt buy	AUD	ORD	440	440
BlackRock Fund Advisors	04-Sep-19	no	n/a	in specie	AUD	ORD	985	985
BlackRock Fund Advisors	04-Sep-19	no	n/a	in specie	AUD	ORD	181,056	181,056
BlackRock Fund Advisors	04-Sep-19	no	n/a	in specie	AUD	ORD	45,264	45,264
BlackRock Advisors (UK) Limited	05-Sep-19	yes	1.66	on mkt buy	AUD	ORD	1,782	1,782
BlackRock Fund Advisors	05-Sep-19	no	n/a	in specie	AUD	ORD	16,500	16,500
BlackRock Fund Advisors	05-Sep-19	no	n/a	in specie	AUD	ORD	9,900	9,900
BlackRock Fund Advisors	05-Sep-19	no	n/a	in specie	AUD	ORD	75,440	75,440
BlackRock Advisors (UK) Limited	05-Sep-19	no	n/a	collateral transfer	AUD	ORD	899,983	899,983
BlackRock Investment Management (Australia) Limited	06-Sep-19	yes	1.75	on mkt buy	AUD	ORD	45,828	45,828
BlackRock Advisors (UK) Limited	06-Sep-19	yes	1.75	on mkt buy	AUD	ORD	2,864	2,864
BlackRock Advisors (UK) Limited	06-Sep-19	yes	1.75	on mkt buy	AUD	ORD	440	440
BlackRock Asset Management Canada Limited	06-Sep-19	yes	1.75	on mkt buy	AUD	ORD	173,446	173,446
BlackRock Fund Advisors	06-Sep-19	no	n/a	in specie	AUD	ORD	13,200	13,200
BlackRock Asset Management Canada Limited	09-Sep-19	yes	1.80	on mkt buy	AUD	ORD	6,554	6,554
BlackRock Fund Advisors	09-Sep-19	no	n/a	in specie	AUD	ORD	45,264	45,264
BlackRock Investment Management (UK) Limited	09-Sep-19	no	n/a	collateral transfer	AUD	ORD	1	1

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	10-Sep-19	yes	1.80	on mkt buy	AUD	ORD	6,281	6,281
BlackRock Advisors (UK) Limited	10-Sep-19	yes	1.80	on mkt buy	AUD	ORD	10,794	10,794
BlackRock Investment Management (Australia) Limited	10-Sep-19	yes	1.81	on mkt buy	AUD	ORD	30,552	30,552
BlackRock Advisors (UK) Limited	10-Sep-19	yes	1.81	on mkt buy	AUD	ORD	7,870	7,870
BlackRock Advisors (UK) Limited	10-Sep-19	yes	1.81	on mkt buy	AUD	ORD	2,142	2,142
BlackRock Advisors (UK) Limited	10-Sep-19	yes	1.81	on mkt buy	AUD	ORD	4,284	4,284
BlackRock Fund Advisors	10-Sep-19	no	n/a	in specie	AUD	ORD	14,850	14,850
BlackRock Investment Management (Australia) Limited	11-Sep-19	yes	1.85	on mkt buy	AUD	ORD	146,063	146,063
BlackRock Advisors (UK) Limited	11-Sep-19	yes	1.87	on mkt buy	AUD	ORD	2,856	2,856
BlackRock Fund Advisors	11-Sep-19	no	n/a	in specie	AUD	ORD	5,775	5,775
BlackRock (Netherlands) B.V.	11-Sep-19	no	n/a	in specie	AUD	ORD	35,026	35,026
BlackRock Advisors (UK) Limited	11-Sep-19	no	n/a	collateral transfer	AUD	ORD	86,800	86,800
BlackRock Advisors (UK) Limited	12-Sep-19	yes	1.85	on mkt buy	AUD	ORD	3,560	3,560
BlackRock Advisors (UK) Limited	12-Sep-19	yes	1.85	on mkt buy	AUD	ORD	2,364	2,364
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	104,607	104,607
BlackRock Investment Management (UK) Limited	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	1,886	1,886
BlackRock Advisors, LLC	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	202,073	202,073
BlackRock Institutional Trust Company, National Association	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	46,942	46,942
BlackRock Advisors, LLC	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	61,219	61,219
BlackRock International Limited	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	17,332	17,332
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	65,062	65,062
BlackRock Investment Management, LLC	13-Sep-19	yes	1.84	on mkt buy	AUD	ORD	27,340	27,340
BlackRock Advisors (UK) Limited	13-Sep-19	yes	1.86	on mkt buy	AUD	ORD	10,710	10,710
BlackRock Fund Advisors	13-Sep-19	no	n/a	in specie	AUD	ORD	5,775	5,775
BlackRock Fund Advisors	13-Sep-19	no	n/a	in specie	AUD	ORD	4,010	4,010
BlackRock Japan Co., Ltd.	13-Sep-19	no	n/a	collateral transfer	AUD	ORD	4,742,000	4,742,000
BlackRock Fund Advisors	16-Sep-19	no	n/a	in specie	AUD	ORD	17,560	17,560
BlackRock Japan Co., Ltd.	16-Sep-19	no	n/a	collateral transfer	AUD	ORD	60,166	60,166
BlackRock Advisors (UK) Limited	16-Sep-19	no	n/a	collateral transfer	AUD	ORD	346,458	346,458
BlackRock Investment Management (UK) Limited	16-Sep-19	no	n/a	collateral transfer	AUD	ORD	3,638,576	3,638,576

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

18-Sep-19

Bradley Taylor,
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)

This is Annexure D of 3 pages referred to in form 603 Notice of initial substantial shareholder

Bradley Taylor, Authorised Signatory
Date

18-Sept-19

Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
Parties to agreement:	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure B.
Holder of voting rights:	The Borrower.
Are there any restrictions on voting rights? If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure B.
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to AMP Limited or the Australian Securities and Investments Commission upon request.

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**

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**