

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme TABCORP HOLDINGS LIMITED

ACN/ARSN 063 780 709

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 10 / 05 / 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	100,996,101	100,996,101	5.00
ADR 2:1	167	334	0.00

3. Details of relevant interests

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

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

4. Details of present registered holders

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

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

5. Consideration

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

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

6. Associates

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

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

7. Addresses

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

Name	Address
see Annexure C	

Signature

print name Bradley Taylor

capacity Authorised Signatory*

sign here

date 14 / 05 / 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.

14-May-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		ORD 97,048	97,048	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		ORD 32,119	32,119	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-SSB NEW YORK INSTITUTIONAL		ORD 259,902	259,902	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 12,234	12,234	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 2,610,182	2,610,182	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 - J.P. Morgan Zurich		ORD 170,514	170,514	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		ORD 1,374,318	1,374,318	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 164,182	164,182	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 4,429,066	4,429,066	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 38,574	38,574	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 25,426	25,426	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 1,107,568	1,107,568	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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 39,007	39,007	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		ORD 7,453	7,453	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 14,868	14,868	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 1,177,635	1,177,635	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 7,795	7,795	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 35,740	35,740	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 2,733	2,733	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 49,099	49,099	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 27,657	27,657	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 254,946	254,946	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 14,779	14,779	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 356,123	356,123	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 86,499	86,499	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 27,516,527	27,516,527	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 1,528,535	1,528,535	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 25,111,360	25,111,360	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		ORD 655,420	655,420	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.	RBC-ROYAL TRUST - TORONTO		ORD 20,280	20,280	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		ORD 33,184	33,184	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 1,249,656	1,249,656	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 133,317	133,317	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		ORD 37,117	37,117	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 5,934	5,934	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 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 695,965	695,965	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 2,455,008	2,455,008	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 55,388	55,388	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 4,244,478	4,244,478	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ORD 1,799,289	1,799,289	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 977,930	977,930	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.	BNP PARIBAS LON		ORD 55,280	55,280	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 8,107	8,107	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 952,940	952,940	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 938,933	938,933	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 2,204,335	2,204,335	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 1,472,778	1,472,778	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 107,433	107,433	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 30,491	30,491	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 779,848	779,848	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 124,361	124,361	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 1,834,362	1,834,362	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 149,580	149,580	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 85,756	85,756	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 420,812	420,812	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 138,298	138,298	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 1,091,971	1,091,971	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 1,034,979	1,034,979	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.	BOA-MERRILL LYNCH SMA		ADR 2:1 167	334	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 1,184,100	1,184,100	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.	USB-US BANK		ORD 67,516	67,516	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 37,711	37,711	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 1,288,136	1,288,136	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 23,456	23,456	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 1,049,999	1,049,999	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.	SSB-STATE STREET AUSTRALIA		ORD 735,507	735,507	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 6,264,557	6,264,557	subsidiary of BlackRock Inc.

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

14-May-19
Date

Bradley Taylor,
Authorised Signatory

5. Consideration

TABCORP HOLDINGS LIMITED (TAH)								
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	11-Jan-19	no	n/a	in specie	AUD	ORD	170,392	170,392
BlackRock Advisors (UK) Limited	11-Jan-19	yes	4.61	on mkt buy	AUD	ORD	4,303	4,303
BlackRock Advisors (UK) Limited	11-Jan-19	yes	4.61	on mkt buy	AUD	ORD	4,297	4,297
BlackRock Institutional Trust Company, National Association	11-Jan-19	yes	4.61	on mkt buy	AUD	ORD	8,565	8,565
BlackRock Advisors (UK) Limited	11-Jan-19	yes	4.61	on mkt buy	AUD	ORD	3,240	3,240
BlackRock Institutional Trust Company, National Association	14-Jan-19	yes	4.63	on mkt buy	AUD	ORD	154,002	154,002
BlackRock Advisors (UK) Limited	15-Jan-19	yes	4.62	on mkt buy	AUD	ORD	4,296	4,296
BlackRock Advisors (UK) Limited	15-Jan-19	yes	4.65	on mkt buy	AUD	ORD	1,602	1,602
BlackRock Advisors (UK) Limited	16-Jan-19	yes	4.61	on mkt buy	AUD	ORD	775	775
BlackRock Investment Management (Australia) Limited	16-Jan-19	yes	4.61	on mkt buy	AUD	ORD	82,202	82,202
BlackRock Institutional Trust Company, National Association	16-Jan-19	yes	4.61	on mkt buy	AUD	ORD	8,467	8,467
BlackRock Fund Advisors	16-Jan-19	no	n/a	in specie	AUD	ORD	24,448	24,448
BlackRock Asset Management Canada Limited	17-Jan-19	no	n/a	in specie	AUD	ORD	13,530	13,530
BlackRock Advisors (UK) Limited	17-Jan-19	yes	4.60	on mkt buy	AUD	ORD	21,485	21,485
BlackRock Advisors (UK) Limited	17-Jan-19	yes	4.60	on mkt buy	AUD	ORD	16,662	16,662
BlackRock Advisors (UK) Limited	17-Jan-19	yes	4.60	on mkt buy	AUD	ORD	1,605	1,605
BlackRock Japan Co., Ltd.	17-Jan-19	yes	4.60	on mkt buy	AUD	ORD	5,910	5,910
BlackRock Fund Advisors	17-Jan-19	no	n/a	in specie	AUD	ORD	6,372	6,372
BlackRock Fund Advisors	17-Jan-19	no	n/a	in specie	AUD	ORD	5,733	5,733
BlackRock Investment Management (Australia) Limited	18-Jan-19	yes	4.63	on mkt buy	AUD	ORD	52,118	52,118
BlackRock Investment Management, LLC	18-Jan-19	yes	4.63	on mkt buy	AUD	ORD	5,017	5,017
BlackRock Advisors (UK) Limited	21-Jan-19	yes	4.71	on mkt buy	AUD	ORD	12,879	12,879
BlackRock Advisors (UK) Limited	22-Jan-19	yes	4.66	on mkt buy	AUD	ORD	768	768
BlackRock Advisors (UK) Limited	22-Jan-19	yes	4.66	on mkt buy	AUD	ORD	4,300	4,300
BlackRock Advisors (UK) Limited	22-Jan-19	yes	4.66	on mkt buy	AUD	ORD	770	770
BlackRock Investment Management (Australia) Limited	22-Jan-19	yes	4.66	on mkt buy	AUD	ORD	43,599	43,599
BlackRock Investment Management, LLC	22-Jan-19	no	n/a	in specie	USD	ADR 2:1	167	334
BlackRock Advisors (UK) Limited	23-Jan-19	yes	4.68	on mkt buy	AUD	ORD	768	768
BlackRock Advisors (UK) Limited	24-Jan-19	yes	4.69	on mkt buy	AUD	ORD	4,293	4,293
BlackRock Institutional Trust Company, National Association	24-Jan-19	no	n/a	in specie	AUD	ORD	13,222	13,222
BlackRock Investment Management (Australia) Limited	25-Jan-19	yes	4.69	on mkt buy	AUD	ORD	13,770	13,770
BlackRock Investment Management (Australia) Limited	29-Jan-19	yes	4.72	on mkt buy	AUD	ORD	36,720	36,720
BlackRock Asset Management Canada Limited	29-Jan-19	yes	4.72	on mkt buy	AUD	ORD	923	923
BlackRock Institutional Trust Company, National Association	29-Jan-19	yes	4.72	on mkt buy	AUD	ORD	134,533	134,533

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	30-Jan-19	yes	4.66	on mkt buy	AUD	ORD	24,721	24,721
BlackRock Fund Advisors	30-Jan-19	yes	4.66	on mkt buy	AUD	ORD	41,613	41,613
BlackRock Fund Advisors	30-Jan-19	no	n/a	in specie	AUD	ORD	30,168	30,168
BlackRock Fund Advisors	30-Jan-19	no	n/a	in specie	AUD	ORD	9,555	9,555
BlackRock Advisors (UK) Limited	31-Jan-19	yes	4.65	on mkt buy	AUD	ORD	1,542	1,542
BlackRock Advisors (UK) Limited	31-Jan-19	yes	4.65	on mkt buy	AUD	ORD	3,254	3,254
BlackRock Advisors (UK) Limited	31-Jan-19	yes	4.65	on mkt buy	AUD	ORD	1,070	1,070
BlackRock Investment Management (UK) Limited	31-Jan-19	yes	4.65	on mkt buy	AUD	ORD	50,307	50,307
BlackRock Fund Advisors	31-Jan-19	no	n/a	in specie	AUD	ORD	30,168	30,168
BlackRock Institutional Trust Company, National Association	31-Jan-19	no	n/a	in specie	AUD	ORD	35,450	35,450
BlackRock Institutional Trust Company, National Association	31-Jan-19	no	n/a	in specie	AUD	ORD	28,269	28,269
BlackRock Asset Management Deutschland AG	01-Feb-19	yes	4.66	on mkt buy	AUD	ORD	159,082	159,082
BlackRock Institutional Trust Company, National Association	01-Feb-19	yes	4.66	on mkt buy	AUD	ORD	10,458	10,458
BlackRock Fund Advisors	01-Feb-19	no	n/a	in specie	AUD	ORD	3,276	3,276
BlackRock Fund Advisors	01-Feb-19	no	n/a	in specie	AUD	ORD	14,742	14,742
BlackRock Advisors (UK) Limited	04-Feb-19	yes	4.67	on mkt buy	AUD	ORD	1,534	1,534
BlackRock Advisors (UK) Limited	04-Feb-19	yes	4.67	on mkt buy	AUD	ORD	2,144	2,144
BlackRock Fund Advisors	05-Feb-19	no	n/a	in specie	AUD	ORD	8,190	8,190
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.77	on mkt buy	AUD	ORD	1,742	1,742
BlackRock Fund Advisors	06-Feb-19	no	n/a	in specie	AUD	ORD	13,923	13,923
BlackRock Fund Advisors	06-Feb-19	no	n/a	in specie	AUD	ORD	9,009	9,009
BlackRock Fund Advisors	06-Feb-19	no	n/a	in specie	AUD	ORD	17,004	17,004
BlackRock Fund Advisors	06-Feb-19	no	n/a	in specie	AUD	ORD	51,012	51,012
BlackRock Fund Advisors	06-Feb-19	no	n/a	in specie	AUD	ORD	34,008	34,008
BlackRock Investment Management (Australia) Limited	07-Feb-19	yes	4.81	on mkt buy	AUD	ORD	1,742	1,742
BlackRock Advisors (UK) Limited	07-Feb-19	yes	4.81	on mkt buy	AUD	ORD	762	762
BlackRock Fund Advisors	07-Feb-19	no	n/a	in specie	AUD	ORD	51,012	51,012
BlackRock Asset Management Deutschland AG	08-Feb-19	yes	4.80	on mkt buy	AUD	ORD	101,199	101,199
BlackRock Advisors (UK) Limited	08-Feb-19	yes	4.80	on mkt buy	AUD	ORD	49,448	49,448
BlackRock Investment Management (UK) Limited	11-Feb-19	yes	4.80	on mkt buy	AUD	ORD	103,955	103,955
BlackRock Advisors (UK) Limited	11-Feb-19	yes	4.80	on mkt buy	AUD	ORD	62,162	62,162
BlackRock Institutional Trust Company, National Association	12-Feb-19	yes	4.77	on mkt buy	AUD	ORD	95,429	95,429
BlackRock Institutional Trust Company, National Association	12-Feb-19	yes	4.77	on mkt buy	AUD	ORD	11,016	11,016
BlackRock Fund Advisors	12-Feb-19	no	n/a	in specie	AUD	ORD	15,312	15,312
BlackRock Fund Advisors	13-Feb-19	yes	4.68	on mkt buy	AUD	ORD	93,341	93,341
BlackRock Advisors (UK) Limited	13-Feb-19	yes	4.58	on mkt buy	AUD	ORD	25,758	25,758
BlackRock Investment Management (Australia) Limited	13-Feb-19	yes	4.58	on mkt buy	AUD	ORD	23,505	23,505
BlackRock Investment Management (Australia) Limited	13-Feb-19	yes	4.58	on mkt buy	AUD	ORD	13,666	13,666
BlackRock Investment Management (Australia) Limited	13-Feb-19	yes	4.58	on mkt buy	AUD	ORD	7,707	7,707
BlackRock Fund Advisors	13-Feb-19	no	n/a	in specie	AUD	ORD	7,644	7,644
BlackRock Advisors (UK) Limited	14-Feb-19	yes	4.53	on mkt buy	AUD	ORD	713	713
BlackRock Investment Management (UK) Limited	15-Feb-19	yes	4.56	on mkt buy	AUD	ORD	76,132	76,132

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	15-Feb-19	yes	4.64	on mkt buy	AUD	ORD	2,625	2,625
BlackRock Advisors (UK) Limited	19-Feb-19	yes	4.51	on mkt buy	AUD	ORD	8,802	8,802
BlackRock Institutional Trust Company, National Association	19-Feb-19	yes	4.51	on mkt buy	AUD	ORD	16,238	16,238
BlackRock Fund Advisors	19-Feb-19	no	n/a	in specie	AUD	ORD	6,552	6,552
BlackRock Fund Advisors	19-Feb-19	no	n/a	in specie	AUD	ORD	463	463
BlackRock Investment Management (UK) Limited	20-Feb-19	yes	4.50	on mkt buy	AUD	ORD	16,201	16,201
BlackRock Investment Management (UK) Limited	20-Feb-19	yes	4.49	on mkt buy	AUD	ORD	58,414	58,414
BlackRock Advisors (UK) Limited	21-Feb-19	yes	4.56	on mkt buy	AUD	ORD	715	715
BlackRock Advisors (UK) Limited	21-Feb-19	yes	4.55	on mkt buy	AUD	ORD	8,806	8,806
BlackRock Investment Management (UK) Limited	22-Feb-19	yes	4.66	on mkt buy	AUD	ORD	18,688	18,688
BlackRock Advisors (UK) Limited	22-Feb-19	yes	4.69	on mkt buy	AUD	ORD	3,268	3,268
BlackRock Advisors (UK) Limited	22-Feb-19	yes	4.69	on mkt buy	AUD	ORD	4,405	4,405
BlackRock Fund Advisors	22-Feb-19	no	n/a	in specie	AUD	ORD	463	463
BlackRock Fund Advisors	22-Feb-19	no	n/a	in specie	AUD	ORD	32,088	32,088
BlackRock Advisors (UK) Limited	25-Feb-19	yes	4.66	on mkt buy	AUD	ORD	39,654	39,654
BlackRock Investment Management (UK) Limited	25-Feb-19	yes	4.66	on mkt buy	AUD	ORD	54,002	54,002
BlackRock Fund Advisors	25-Feb-19	no	n/a	in specie	AUD	ORD	36,672	36,672
BlackRock Investment Management (UK) Limited	26-Feb-19	no	n/a	in specie	AUD	ORD	348,860	348,860
BlackRock Advisors (UK) Limited	26-Feb-19	yes	4.65	on mkt buy	AUD	ORD	24,731	24,731
BlackRock Investment Management, LLC	26-Feb-19	yes	4.65	on mkt buy	AUD	ORD	8,215	8,215
BlackRock Institutional Trust Company, National Association	26-Feb-19	yes	4.65	on mkt buy	AUD	ORD	35,720	35,720
BlackRock Investment Management (Australia) Limited	27-Feb-19	yes	4.73	on mkt buy	AUD	ORD	20,904	20,904
BlackRock Advisors (UK) Limited	27-Feb-19	yes	4.73	on mkt buy	AUD	ORD	3,257	3,257
BlackRock Investment Management (Australia) Limited	27-Feb-19	yes	4.73	on mkt buy	AUD	ORD	6,968	6,968
BlackRock Investment Management (Australia) Limited	27-Feb-19	yes	4.73	on mkt buy	AUD	ORD	1,817	1,817
BlackRock Institutional Trust Company, National Association	27-Feb-19	yes	4.73	on mkt buy	AUD	ORD	6,154	6,154
BlackRock Fund Advisors	27-Feb-19	no	n/a	in specie	AUD	ORD	463	463
BlackRock Investment Management (UK) Limited	28-Feb-19	yes	4.72	on mkt buy	AUD	ORD	4,946	4,946
BlackRock Investment Management (Australia) Limited	28-Feb-19	yes	4.72	on mkt buy	AUD	ORD	7,232	7,232
BlackRock International Limited	28-Feb-19	yes	4.72	on mkt buy	AUD	ORD	14,981	14,981
BlackRock Fund Advisors	28-Feb-19	yes	4.72	on mkt buy	AUD	ORD	5,372	5,372
BlackRock Advisors (UK) Limited	28-Feb-19	yes	4.72	on mkt buy	AUD	ORD	50,193	50,193
BlackRock Advisors (UK) Limited	28-Feb-19	yes	4.72	on mkt buy	AUD	ORD	12,221	12,221
BlackRock Advisors (UK) Limited	01-Mar-19	yes	4.77	on mkt buy	AUD	ORD	5,573	5,573
BlackRock Advisors (UK) Limited	04-Mar-19	yes	4.80	on mkt buy	AUD	ORD	4,385	4,385
BlackRock Advisors (UK) Limited	05-Mar-19	yes	4.72	on mkt buy	AUD	ORD	43,860	43,860
BlackRock Advisors (UK) Limited	05-Mar-19	yes	4.72	on mkt buy	AUD	ORD	1,430	1,430
BlackRock Investment Management (Australia) Limited	05-Mar-19	yes	4.72	on mkt buy	AUD	ORD	15,276	15,276
BlackRock Fund Advisors	05-Mar-19	no	n/a	in specie	AUD	ORD	15,084	15,084
BlackRock Investment Management (UK) Limited	06-Mar-19	yes	4.70	on mkt buy	AUD	ORD	54,889	54,889
BlackRock Advisors (UK) Limited	06-Mar-19	yes	4.70	on mkt buy	AUD	ORD	22,000	22,000
BlackRock Advisors (UK) Limited	06-Mar-19	yes	4.70	on mkt buy	AUD	ORD	24,728	24,728

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	06-Mar-19	yes	4.70	on mkt buy	AUD	ORD	27,245	27,245
BlackRock Fund Advisors	06-Mar-19	no	n/a	in specie	AUD	ORD	44,312	44,312
BlackRock Investment Management (UK) Limited	07-Mar-19	yes	4.74	on mkt buy	AUD	ORD	12,510	12,510
BlackRock Advisors (UK) Limited	07-Mar-19	yes	4.79	on mkt buy	AUD	ORD	3,700	3,700
BlackRock Fund Advisors	07-Mar-19	no	n/a	in specie	AUD	ORD	30,168	30,168
BlackRock Advisors (UK) Limited	08-Mar-19	yes	4.78	on mkt buy	AUD	ORD	4,992	4,992
BlackRock Advisors (UK) Limited	08-Mar-19	yes	4.78	on mkt buy	AUD	ORD	272	272
BlackRock Advisors (UK) Limited	08-Mar-19	yes	4.78	on mkt buy	AUD	ORD	3,456	3,456
BlackRock Advisors (UK) Limited	08-Mar-19	yes	4.78	on mkt buy	AUD	ORD	1,650	1,650
BlackRock Fund Advisors	08-Mar-19	no	n/a	in specie	AUD	ORD	29,032	29,032
BlackRock Fund Advisors	08-Mar-19	no	n/a	in specie	AUD	ORD	15,084	15,084
BlackRock Asset Management Deutschland AG	11-Mar-19	yes	4.68	on mkt buy	AUD	ORD	14,463	14,463
BlackRock Advisors (UK) Limited	11-Mar-19	yes	4.68	on mkt buy	AUD	ORD	3,258	3,258
BlackRock Investment Management (Australia) Limited	11-Mar-19	yes	4.68	on mkt buy	AUD	ORD	42,818	42,818
BlackRock Fund Advisors	11-Mar-19	no	n/a	in specie	AUD	ORD	30,168	30,168
BlackRock Advisors (UK) Limited	12-Mar-19	yes	4.64	on mkt buy	AUD	ORD	4,953	4,953
BlackRock Advisors (UK) Limited	12-Mar-19	yes	4.64	on mkt buy	AUD	ORD	5,334	5,334
BlackRock Fund Advisors	12-Mar-19	no	n/a	in specie	AUD	ORD	38,200	38,200
BlackRock Advisors (UK) Limited	13-Mar-19	yes	4.64	on mkt buy	AUD	ORD	4,901	4,901
BlackRock Advisors (UK) Limited	13-Mar-19	yes	4.64	on mkt buy	AUD	ORD	3,770	3,770
BlackRock Advisors (UK) Limited	13-Mar-19	yes	4.64	on mkt buy	AUD	ORD	3,246	3,246
BlackRock Investment Management (UK) Limited	13-Mar-19	yes	4.64	on mkt buy	AUD	ORD	30,491	30,491
BlackRock Fund Advisors	13-Mar-19	no	n/a	in specie	AUD	ORD	6,112	6,112
BlackRock Fund Advisors	13-Mar-19	no	n/a	in specie	AUD	ORD	5,733	5,733
BlackRock Advisors (UK) Limited	14-Mar-19	yes	4.65	on mkt buy	AUD	ORD	6,494	6,494
BlackRock Advisors (UK) Limited	14-Mar-19	yes	4.65	on mkt buy	AUD	ORD	1,925	1,925
BlackRock Advisors (UK) Limited	15-Mar-19	yes	4.67	on mkt buy	AUD	ORD	12,996	12,996
BlackRock Advisors (UK) Limited	15-Mar-19	yes	4.67	on mkt buy	AUD	ORD	1,488	1,488
BlackRock Advisors (UK) Limited	15-Mar-19	yes	4.67	on mkt buy	AUD	ORD	6,498	6,498
BlackRock Investment Management (Australia) Limited	15-Mar-19	yes	4.67	on mkt buy	AUD	ORD	6,189	6,189
BlackRock Investment Management (Australia) Limited	15-Mar-19	yes	4.67	on mkt buy	AUD	ORD	14,152	14,152
BlackRock Institutional Trust Company, National Association	15-Mar-19	yes	4.67	on mkt buy	AUD	ORD	103,811	103,811
BlackRock Fund Advisors	15-Mar-19	no	n/a	in specie	AUD	ORD	84,040	84,040
BlackRock Asset Management Canada Limited	18-Mar-19	yes	4.70	on mkt buy	AUD	ORD	1,077	1,077
BlackRock Investment Management (Australia) Limited	19-Mar-19	yes	4.72	on mkt buy	AUD	ORD	22,950	22,950
BlackRock Advisors (UK) Limited	19-Mar-19	yes	4.72	on mkt buy	AUD	ORD	1,116	1,116
BlackRock Advisors (UK) Limited	19-Mar-19	yes	4.72	on mkt buy	AUD	ORD	6,506	6,506
BlackRock Advisors (UK) Limited	19-Mar-19	yes	4.72	on mkt buy	AUD	ORD	9,056	9,056
BlackRock Fund Advisors	19-Mar-19	no	n/a	in specie	AUD	ORD	7,230	7,230
BlackRock Advisors (UK) Limited	20-Mar-19	yes	4.73	on mkt buy	AUD	ORD	4,537	4,537
BlackRock Advisors (UK) Limited	20-Mar-19	yes	4.73	on mkt buy	AUD	ORD	2,611	2,611
BlackRock Fund Advisors	20-Mar-19	no	n/a	in specie	AUD	ORD	61,120	61,120

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	20-Mar-19	no	n/a	in specie	AUD	ORD	11,004	11,004
BlackRock Advisors (UK) Limited	21-Mar-19	yes	4.68	on mkt buy	AUD	ORD	3,348	3,348
BlackRock Advisors (UK) Limited	21-Mar-19	yes	4.68	on mkt buy	AUD	ORD	2,140	2,140
BlackRock Fund Advisors	21-Mar-19	no	n/a	in specie	AUD	ORD	7,644	7,644
BlackRock Advisors (UK) Limited	22-Mar-19	yes	4.72	on mkt buy	AUD	ORD	3,710	3,710
BlackRock Advisors (UK) Limited	22-Mar-19	yes	4.72	on mkt buy	AUD	ORD	1,674	1,674
BlackRock Advisors (UK) Limited	25-Mar-19	yes	4.68	on mkt buy	AUD	ORD	13,593	13,593
BlackRock Advisors (UK) Limited	25-Mar-19	yes	4.68	on mkt buy	AUD	ORD	717	717
BlackRock Fund Advisors	25-Mar-19	no	n/a	in specie	AUD	ORD	463	463
BlackRock Fund Advisors	25-Mar-19	no	n/a	in specie	AUD	ORD	55,008	55,008
BlackRock Fund Advisors	25-Mar-19	no	n/a	in specie	AUD	ORD	19,864	19,864
BlackRock Advisors (UK) Limited	27-Mar-19	yes	4.61	on mkt buy	AUD	ORD	1,436	1,436
BlackRock Institutional Trust Company, National Association	27-Mar-19	no	n/a	in specie	AUD	ORD	9,604	9,604
BlackRock Advisors (UK) Limited	28-Mar-19	yes	4.63	on mkt buy	AUD	ORD	13,545	13,545
BlackRock Advisors (UK) Limited	28-Mar-19	yes	4.65	on mkt buy	AUD	ORD	4,515	4,515
BlackRock Asset Management Canada Limited	28-Mar-19	yes	4.65	on mkt buy	AUD	ORD	450	450
BlackRock Institutional Trust Company, National Association	28-Mar-19	yes	4.65	on mkt buy	AUD	ORD	40,996	40,996
BlackRock Advisors (UK) Limited	28-Mar-19	yes	4.65	on mkt buy	AUD	ORD	1,689	1,689
BlackRock Advisors (UK) Limited	28-Mar-19	yes	4.65	on mkt buy	AUD	ORD	3,268	3,268
BlackRock Fund Advisors	28-Mar-19	no	n/a	in specie	AUD	ORD	7,860	7,860
BlackRock Institutional Trust Company, National Association	29-Mar-19	yes	4.62	on mkt buy	AUD	ORD	107,378	107,378
BlackRock Investment Management (Australia) Limited	29-Mar-19	yes	4.62	on mkt buy	AUD	ORD	29,295	29,295
BlackRock Fund Advisors	29-Mar-19	yes	4.62	on mkt buy	AUD	ORD	17,266	17,266
BlackRock Fund Advisors	29-Mar-19	no	n/a	in specie	AUD	ORD	9,640	9,640
BlackRock Advisors (UK) Limited	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	4,362	4,362
BlackRock Advisors (UK) Limited	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	8,724	8,724
BlackRock (Netherlands) B.V.	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	3,067	3,067
BlackRock Investment Management (UK) Limited	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	97,296	97,296
BlackRock (Netherlands) B.V.	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	1,309	1,309
BlackRock (Netherlands) B.V.	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	1,007	1,007
BlackRock Investment Management (UK) Limited	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	31,966	31,966
BlackRock Fund Advisors	01-Apr-19	yes	4.71	on mkt buy	AUD	ORD	14,180	14,180
BlackRock Investment Management, LLC	02-Apr-19	yes	4.76	on mkt buy	AUD	ORD	3,708	3,708
BlackRock Advisors (UK) Limited	02-Apr-19	yes	4.86	on mkt buy	AUD	ORD	4,528	4,528
BlackRock Advisors (UK) Limited	02-Apr-19	yes	4.86	on mkt buy	AUD	ORD	4,368	4,368
BlackRock Advisors (UK) Limited	02-Apr-19	yes	4.86	on mkt buy	AUD	ORD	1,436	1,436
BlackRock Advisors (UK) Limited	02-Apr-19	yes	4.86	on mkt buy	AUD	ORD	5,760	5,760
BlackRock Fund Advisors	02-Apr-19	no	n/a	in specie	AUD	ORD	4,820	4,820
BlackRock Investment Management (Australia) Limited	03-Apr-19	yes	4.91	on mkt buy	AUD	ORD	11,475	11,475
BlackRock Advisors (UK) Limited	03-Apr-19	yes	4.91	on mkt buy	AUD	ORD	1,119	1,119
BlackRock Investment Management (Australia) Limited	03-Apr-19	yes	4.91	on mkt buy	AUD	ORD	33,231	33,231
BlackRock Investment Management (UK) Limited	03-Apr-19	yes	4.91	on mkt buy	AUD	ORD	10,413	10,413

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BlackRock Investment Management (Australia) Limited	03-Apr-19	yes	4.91	on mkt buy	AUD	ORD	8,352	8,352
BlackRock Fund Advisors	03-Apr-19	no	n/a	in specie	AUD	ORD	25,848	25,848
BlackRock Investment Management (Australia) Limited	04-Apr-19	yes	4.85	on mkt buy	AUD	ORD	18,360	18,360
BlackRock Institutional Trust Company, National Association	04-Apr-19	yes	4.85	on mkt buy	AUD	ORD	10,903	10,903
BlackRock Investment Management (Australia) Limited	04-Apr-19	yes	4.85	on mkt buy	AUD	ORD	4,279	4,279
BlackRock Investment Management (Australia) Limited	04-Apr-19	yes	4.85	on mkt buy	AUD	ORD	8,947	8,947
BlackRock Investment Management (Australia) Limited	04-Apr-19	yes	4.85	on mkt buy	AUD	ORD	9,596	9,596
BlackRock Advisors (UK) Limited	05-Apr-19	yes	4.81	on mkt buy	AUD	ORD	750	750
BlackRock Fund Advisors	05-Apr-19	no	n/a	in specie	AUD	ORD	25,848	25,848
BlackRock Fund Advisors	05-Apr-19	no	n/a	in specie	AUD	ORD	34,464	34,464
BlackRock Fund Advisors	05-Apr-19	no	n/a	in specie	AUD	ORD	5,502	5,502
BlackRock Fund Advisors	05-Apr-19	no	n/a	in specie	AUD	ORD	6,288	6,288
BlackRock Asset Management Canada Limited	05-Apr-19	no	n/a	in specie	AUD	ORD	60,708	60,708
BlackRock Advisors (UK) Limited	08-Apr-19	yes	4.88	on mkt buy	AUD	ORD	13,326	13,326
BlackRock Fund Advisors	08-Apr-19	yes	4.88	on mkt buy	AUD	ORD	57,906	57,906
BlackRock Fund Advisors	08-Apr-19	no	n/a	in specie	AUD	ORD	5,784	5,784
BlackRock Fund Advisors	08-Apr-19	no	n/a	in specie	AUD	ORD	53,480	53,480
BlackRock Investment Management (Australia) Limited	09-Apr-19	yes	4.88	on mkt buy	AUD	ORD	6,885	6,885
BlackRock Advisors (UK) Limited	09-Apr-19	yes	4.88	on mkt buy	AUD	ORD	3,268	3,268
BlackRock Asset Management Canada Limited	09-Apr-19	yes	4.88	on mkt buy	AUD	ORD	66,489	66,489
BlackRock Fund Advisors	09-Apr-19	no	n/a	in specie	AUD	ORD	5,733	5,733
BlackRock Investment Management (Australia) Limited	10-Apr-19	yes	4.86	on mkt buy	AUD	ORD	22,901	22,901
BlackRock Advisors (UK) Limited	10-Apr-19	yes	4.85	on mkt buy	AUD	ORD	3,269	3,269
BlackRock Fund Advisors	10-Apr-19	no	n/a	in specie	AUD	ORD	926	926
BlackRock Financial Management, Inc.	11-Apr-19	yes	4.87	on mkt buy	AUD	ORD	3,549	3,549
BlackRock Fund Advisors	11-Apr-19	no	n/a	in specie	AUD	ORD	15,084	15,084
BlackRock Fund Advisors	11-Apr-19	no	n/a	in specie	AUD	ORD	43,080	43,080
BlackRock Fund Advisors	11-Apr-19	no	n/a	in specie	AUD	ORD	75,420	75,420
BlackRock Fund Advisors	12-Apr-19	yes	4.89	on mkt buy	AUD	ORD	23,724	23,724
BlackRock Advisors (UK) Limited	12-Apr-19	yes	4.91	on mkt buy	AUD	ORD	3,269	3,269
BlackRock Fund Advisors	12-Apr-19	no	n/a	in specie	AUD	ORD	44,312	44,312
BlackRock Advisors (UK) Limited	15-Apr-19	yes	4.86	on mkt buy	AUD	ORD	12,738	12,738
BlackRock Institutional Trust Company, National Association	15-Apr-19	yes	4.86	on mkt buy	AUD	ORD	61,781	61,781
BlackRock Fund Advisors	15-Apr-19	no	n/a	in specie	AUD	ORD	30,432	30,432
BlackRock Investment Management (UK) Limited	15-Apr-19	no	n/a	in specie	AUD	ORD	12,008	12,008
BlackRock Advisors (UK) Limited	16-Apr-19	yes	4.78	on mkt buy	AUD	ORD	3,270	3,270
BlackRock Fund Advisors	16-Apr-19	no	n/a	in specie	AUD	ORD	61,120	61,120
BlackRock Fund Advisors	16-Apr-19	no	n/a	in specie	AUD	ORD	15,216	15,216
BlackRock Advisors (UK) Limited	17-Apr-19	yes	4.81	on mkt buy	AUD	ORD	21,190	21,190
BlackRock Advisors (UK) Limited	17-Apr-19	yes	4.81	on mkt buy	AUD	ORD	8,476	8,476
BlackRock Institutional Trust Company, National Association	18-Apr-19	yes	4.78	on mkt buy	AUD	ORD	15,939	15,939
BlackRock Investment Management (Australia) Limited	23-Apr-19	no	n/a	in specie	AUD	ORD	491,134	491,134

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	23-Apr-19	yes	4.80	on mkt buy	AUD	ORD	7,068	7,068
BlackRock Fund Advisors	23-Apr-19	yes	4.88	on mkt buy	AUD	ORD	29,253	29,253
BlackRock Fund Advisors	23-Apr-19	yes	4.88	on mkt buy	AUD	ORD	17,808	17,808
BlackRock Fund Advisors	23-Apr-19	no	n/a	in specie	AUD	ORD	9,640	9,640
BlackRock Investment Management (UK) Limited	24-Apr-19	yes	4.92	on mkt buy	AUD	ORD	45,309	45,309
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	18,344	18,344
BlackRock Advisors (UK) Limited	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	2,232	2,232
BlackRock Advisors (UK) Limited	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	1,860	1,860
BlackRock Advisors (UK) Limited	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	1,860	1,860
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	123,163	123,163
BlackRock Institutional Trust Company, National Association	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	21,607	21,607
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	4.91	on mkt buy	AUD	ORD	18,906	18,906
BlackRock Fund Advisors	24-Apr-19	no	n/a	in specie	AUD	ORD	6,266	6,266
BlackRock Fund Advisors	24-Apr-19	no	n/a	in specie	AUD	ORD	64,428	64,428
BlackRock Fund Advisors	24-Apr-19	no	n/a	in specie	AUD	ORD	5,919	5,919
BlackRock Advisors (UK) Limited	26-Apr-19	yes	4.91	on mkt buy	AUD	ORD	12,744	12,744
BlackRock Advisors (UK) Limited	26-Apr-19	yes	4.91	on mkt buy	AUD	ORD	2,639	2,639
BlackRock Advisors (UK) Limited	26-Apr-19	yes	4.91	on mkt buy	AUD	ORD	3,393	3,393
BlackRock Fund Advisors	26-Apr-19	yes	4.91	on mkt buy	AUD	ORD	47,475	47,475
BlackRock Fund Advisors	26-Apr-19	no	n/a	in specie	AUD	ORD	49,088	49,088
BlackRock Investment Management (Australia) Limited	30-Apr-19	yes	4.79	on mkt buy	AUD	ORD	9,172	9,172
BlackRock Advisors (UK) Limited	30-Apr-19	yes	4.79	on mkt buy	AUD	ORD	12,747	12,747
BlackRock Advisors (UK) Limited	30-Apr-19	yes	4.79	on mkt buy	AUD	ORD	3,271	3,271
BlackRock Fund Advisors	30-Apr-19	no	n/a	in specie	AUD	ORD	8,677	8,677
BlackRock Institutional Trust Company, National Association	30-Apr-19	no	n/a	in specie	AUD	ORD	14,888	14,888
BlackRock Asset Management North Asia Limited	01-May-19	no	n/a	in specie	AUD	ORD	316,033	316,033
BlackRock Advisors (UK) Limited	01-May-19	yes	4.79	on mkt buy	AUD	ORD	2,256	2,256
BlackRock Investment Management (Australia) Limited	01-May-19	yes	4.79	on mkt buy	AUD	ORD	26,821	26,821
BlackRock Institutional Trust Company, National Association	01-May-19	yes	4.79	on mkt buy	AUD	ORD	11,236	11,236
BlackRock Fund Advisors	01-May-19	no	n/a	in specie	AUD	ORD	95,447	95,447
BlackRock Investment Management (Australia) Limited	02-May-19	yes	4.78	on mkt buy	AUD	ORD	31,010	31,010
BlackRock Fund Advisors	03-May-19	no	n/a	in specie	AUD	ORD	8,670	8,670
BlackRock Fund Advisors	06-May-19	yes	4.60	on mkt buy	AUD	ORD	9,360	9,360
BlackRock Institutional Trust Company, National Association	06-May-19	yes	4.65	on mkt buy	AUD	ORD	39,289	39,289
BlackRock Fund Advisors	06-May-19	no	n/a	in specie	AUD	ORD	5,919	5,919
BlackRock Fund Advisors	07-May-19	yes	4.67	on mkt buy	AUD	ORD	2,301	2,301
BlackRock Institutional Trust Company, National Association	07-May-19	yes	4.62	on mkt buy	AUD	ORD	121,560	121,560
BlackRock Fund Advisors	07-May-19	no	n/a	in specie	AUD	ORD	10,934	10,934
BlackRock Fund Advisors	07-May-19	no	n/a	in specie	AUD	ORD	18,744	18,744
BlackRock Advisors (UK) Limited	08-May-19	yes	4.60	on mkt buy	AUD	ORD	266	266
BlackRock Advisors (UK) Limited	08-May-19	yes	4.60	on mkt buy	AUD	ORD	12,804	12,804
BlackRock Advisors (UK) Limited	08-May-19	yes	4.60	on mkt buy	AUD	ORD	2,639	2,639

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	08-May-19	yes	4.60	on mkt buy	AUD	ORD	1,841	1,841
BlackRock Institutional Trust Company, National Association	08-May-19	yes	4.60	on mkt buy	AUD	ORD	164,441	164,441
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	14,121	14,121
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	26,031	26,031
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	6,592	6,592
BlackRock Investment Management (Australia) Limited	09-May-19	yes	4.63	on mkt buy	AUD	ORD	9,445	9,445
BlackRock Fund Advisors	09-May-19	no	n/a	in specie	AUD	ORD	34,708	34,708
BlackRock Institutional Trust Company, National Association	10-May-19	yes	4.64	on mkt buy	AUD	ORD	32,726	32,726
BlackRock Advisors (UK) Limited	10-May-19	yes	4.61	on mkt buy	AUD	ORD	3,285	3,285
BlackRock Institutional Trust Company, National Association	10-May-19	yes	4.62	on mkt buy	AUD	ORD	12,660	12,660
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	60,739	60,739
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	26,031	26,031
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	5,919	5,919
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	5,742	5,742

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

Bradley Taylor, Authorised Signatory	14-May-19 Date
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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 Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany
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 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, Chivoda-ku, Tokyo 100-8217 (Japan)