

**Form 603**Corporations Act 2001  
Section 671B**Notice of initial substantial holder**To Company Name/Scheme BRAVURA SOLUTIONS LIMITEDACN/ARSN 164 391 128**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 26 / 08 / 2020**2. Details of voting power**

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

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
ORD	13,311,892	13,311,892	5.40

**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 28 / 08 / 2020

\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

**DIRECTIONS**

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
  - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person ( eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

28-Aug-20  
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.	SSB-STATE STREET LONDON		ORD 32,282	32,282	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 251,187	251,187	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 29,324	29,324	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 30,073	30,073	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.	BNYM-BONY LUXEMBOURG		ORD 715,321	715,321	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 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	2,911,129	2,911,129	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	56,593	56,593	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	1,671,831	1,671,831	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	79,866	79,866	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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD	38,159	38,159	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	430,532	430,532	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - SYDNEY		ORD	2,895,773	2,895,773	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	859,320	859,320	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	131,068	131,068	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SINGAPORE		ORD	12,217	12,217	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS- UBS- ZURICH		ORD	70,994	70,994	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	95,495	95,495	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	341,089	341,089	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	25,906	25,906	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH		ORD	34,540	34,540	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	1,652,969	1,652,969	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	91,928	91,928	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	12,127	12,127	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	Northern Trust Singapore		ORD 5,866	5,866	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 836,303	836,303	subsidiary of BlackRock Inc.

This is Annexure B of 6 pages referred to in form 603 Notice of initial substantial shareholder

28-Aug-20  
**Bradley Taylor,**  
**Authorised Signatory**  
**Date**

## 5. Consideration

BRAVURA SOLUTIONS LIMITED. (BVS)								
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	27-Apr-20	yes	4.36	on mkt buy	AUD	ORD	2,616	2,616
BlackRock Investment Management (UK) Limited	27-Apr-20	yes	4.36	on mkt buy	AUD	ORD	13,408	13,408
BlackRock Asset Management North Asia Limited	27-Apr-20	yes	4.36	on mkt buy	AUD	ORD	66,054	66,054
BlackRock Investment Management (UK) Limited	27-Apr-20	yes	4.36	on mkt buy	AUD	ORD	53,657	53,657
BlackRock Investment Management (UK) Limited	27-Apr-20	yes	4.34	on mkt buy	AUD	ORD	352	352
BlackRock Investment Management (UK) Limited	27-Apr-20	yes	4.34	on mkt buy	AUD	ORD	11,412	11,412
BlackRock Asset Management North Asia Limited	27-Apr-20	yes	4.35	on mkt buy	AUD	ORD	28,787	28,787
BlackRock Investment Management (UK) Limited	28-Apr-20	yes	4.51	on mkt buy	AUD	ORD	79	79
BlackRock Investment Management (UK) Limited	28-Apr-20	yes	4.51	on mkt buy	AUD	ORD	407	407
BlackRock Asset Management North Asia Limited	28-Apr-20	yes	4.51	on mkt buy	AUD	ORD	2,003	2,003
BlackRock Investment Management (UK) Limited	28-Apr-20	yes	4.51	on mkt buy	AUD	ORD	1,627	1,627
BlackRock Investment Management (Australia) Limited	29-Apr-20	yes	4.84	on mkt buy	AUD	ORD	544	544
BlackRock Asset Management North Asia Limited	30-Apr-20	yes	4.90	on mkt buy	AUD	ORD	15,027	15,027
BlackRock Investment Management (Australia) Limited	30-Apr-20	yes	4.86	on mkt buy	AUD	ORD	816	816
BlackRock Investment Management (Australia) Limited	30-Apr-20	yes	4.86	on mkt buy	AUD	ORD	544	544
BlackRock Institutional Trust Company, National Association	30-Apr-20	yes	4.86	on mkt buy	AUD	ORD	12,433	12,433
BlackRock Investment Management (UK) Limited	01-May-20	yes	4.51	on mkt buy	AUD	ORD	807	807
BlackRock Investment Management (UK) Limited	01-May-20	yes	4.51	on mkt buy	AUD	ORD	4,131	4,131
BlackRock Asset Management North Asia Limited	01-May-20	yes	4.51	on mkt buy	AUD	ORD	20,353	20,353
BlackRock Investment Management (UK) Limited	01-May-20	yes	4.51	on mkt buy	AUD	ORD	16,534	16,534
BlackRock Investment Management (Australia) Limited	01-May-20	yes	4.55	on mkt buy	AUD	ORD	2,176	2,176
BlackRock Investment Management (UK) Limited	04-May-20	yes	4.51	on mkt buy	AUD	ORD	735	735
BlackRock Investment Management (UK) Limited	04-May-20	yes	4.51	on mkt buy	AUD	ORD	3,767	3,767
BlackRock Asset Management North Asia Limited	04-May-20	yes	4.51	on mkt buy	AUD	ORD	18,556	18,556
BlackRock Investment Management (UK) Limited	04-May-20	yes	4.51	on mkt buy	AUD	ORD	15,074	15,074
BlackRock Asset Management North Asia Limited	04-May-20	yes	4.55	on mkt buy	AUD	ORD	53,272	53,272
BlackRock Investment Management (Australia) Limited	04-May-20	yes	4.57	on mkt buy	AUD	ORD	1,659	1,659
BlackRock Investment Management (Australia) Limited	04-May-20	yes	4.57	on mkt buy	AUD	ORD	272	272
BlackRock Investment Management (Australia) Limited	06-May-20	yes	4.80	on mkt buy	AUD	ORD	272	272
BlackRock Investment Management (Australia) Limited	07-May-20	yes	4.73	on mkt buy	AUD	ORD	272	272
BlackRock Investment Management (Australia) Limited	11-May-20	yes	4.94	on mkt buy	AUD	ORD	14,688	14,688

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	11-May-20	yes	4.94	on mkt buy	AUD	ORD 2,992	2,992
BlackRock Investment Management (Australia) Limited	11-May-20	yes	4.94	on mkt buy	AUD	ORD 544	544
BlackRock Investment Management (Australia) Limited	12-May-20	yes	4.87	on mkt buy	AUD	ORD 2,448	2,448
BlackRock Investment Management (Australia) Limited	12-May-20	yes	4.87	on mkt buy	AUD	ORD 1,775	1,775
BlackRock Investment Management (UK) Limited	13-May-20	yes	4.79	on mkt buy	AUD	ORD 20,084	20,084
BlackRock Investment Management (UK) Limited	18-May-20	yes	4.62	on mkt buy	AUD	ORD 15,491	15,491
BlackRock Investment Management (UK) Limited	19-May-20	yes	4.69	on mkt buy	AUD	ORD 10,927	10,927
BlackRock Investment Management (Australia) Limited	19-May-20	yes	4.62	on mkt buy	AUD	ORD 816	816
BlackRock Investment Management (UK) Limited	20-May-20	yes	4.52	on mkt buy	AUD	ORD 7	7
BlackRock Investment Management (UK) Limited	20-May-20	yes	4.52	on mkt buy	AUD	ORD 34	34
BlackRock Asset Management North Asia Limited	20-May-20	yes	4.52	on mkt buy	AUD	ORD 168	168
BlackRock Investment Management (UK) Limited	20-May-20	yes	4.52	on mkt buy	AUD	ORD 137	137
BlackRock Investment Management (UK) Limited	21-May-20	yes	4.51	on mkt buy	AUD	ORD 158	158
BlackRock Investment Management (UK) Limited	21-May-20	yes	4.51	on mkt buy	AUD	ORD 813	813
BlackRock Asset Management North Asia Limited	21-May-20	yes	4.51	on mkt buy	AUD	ORD 4,006	4,006
BlackRock Investment Management (UK) Limited	21-May-20	yes	4.51	on mkt buy	AUD	ORD 3,254	3,254
BlackRock Investment Management (Australia) Limited	27-May-20	yes	4.92	on mkt buy	AUD	ORD 1,659	1,659
BlackRock Investment Management (Australia) Limited	28-May-20	yes	4.80	on mkt buy	AUD	ORD 2,448	2,448
BlackRock Investment Management (UK) Limited	29-May-20	yes	4.87	on mkt buy	AUD	ORD 44	44
BlackRock Investment Management (UK) Limited	29-May-20	yes	4.87	on mkt buy	AUD	ORD 144	144
BlackRock Investment Management (UK) Limited	29-May-20	yes	4.89	on mkt buy	AUD	ORD 10,442	10,442
BlackRock Investment Management (UK) Limited	29-May-20	yes	4.89	on mkt buy	AUD	ORD 34,655	34,655
BlackRock Institutional Trust Company, National Association	29-May-20	yes	4.85	on mkt buy	AUD	ORD 6,083	6,083
BlackRock Investment Management (Australia) Limited	29-May-20	yes	4.85	on mkt buy	AUD	ORD 1,078	1,078
BlackRock Fund Advisors	29-May-20	yes	4.85	on mkt buy	AUD	ORD 23,966	23,966
BlackRock Fund Advisors	29-May-20	yes	4.85	on mkt buy	AUD	ORD 65,523	65,523
BlackRock Institutional Trust Company, National Association	29-May-20	yes	4.85	on mkt buy	AUD	ORD 5,824	5,824
BlackRock Institutional Trust Company, National Association	29-May-20	yes	4.85	on mkt buy	AUD	ORD 11,176	11,176
BlackRock Investment Management (Australia) Limited	03-Jun-20	yes	4.83	on mkt buy	AUD	ORD 18,436	18,436
BlackRock Investment Management (UK) Limited	05-Jun-20	yes	4.72	on mkt buy	AUD	ORD 11,084	11,084
BlackRock Investment Management (UK) Limited	05-Jun-20	yes	4.72	on mkt buy	AUD	ORD 19,450	19,450
BlackRock Investment Management (Australia) Limited	05-Jun-20	yes	4.58	on mkt buy	AUD	ORD 2,448	2,448
BlackRock Investment Management (Australia) Limited	09-Jun-20	yes	4.75	on mkt buy	AUD	ORD 119,407	119,407
BlackRock Investment Management (Australia) Limited	09-Jun-20	yes	4.76	on mkt buy	AUD	ORD 1,088	1,088
BlackRock Fund Advisors	10-Jun-20	no	n/a	in specie	AUD	ORD 5,644	5,644
BlackRock Investment Management (UK) Limited	12-Jun-20	yes	4.45	on mkt buy	AUD	ORD 3,278	3,278
BlackRock Investment Management (UK) Limited	12-Jun-20	yes	4.45	on mkt buy	AUD	ORD 16,785	16,785
BlackRock Asset Management North Asia Limited	12-Jun-20	yes	4.45	on mkt buy	AUD	ORD 82,694	82,694
BlackRock Investment Management (UK) Limited	12-Jun-20	yes	4.45	on mkt buy	AUD	ORD 67,172	67,172



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	12-Jun-20	yes	4.36	on mkt buy	AUD	ORD 4,896	4,896
BlackRock Investment Management (Australia) Limited	12-Jun-20	yes	4.36	on mkt buy	AUD	ORD 2,448	2,448
BlackRock Institutional Trust Company, National Association	12-Jun-20	yes	4.36	on mkt buy	AUD	ORD 56,212	56,212
BlackRock Investment Management (Australia) Limited	15-Jun-20	yes	4.31	on mkt buy	AUD	ORD 68,282	68,282
BlackRock Investment Management (Australia) Limited	15-Jun-20	yes	4.21	on mkt buy	AUD	ORD 1,722	1,722
BlackRock Investment Management (Australia) Limited	16-Jun-20	yes	4.43	on mkt buy	AUD	ORD 2,992	2,992
BlackRock Advisors (UK) Limited	16-Jun-20	yes	4.44	on mkt buy	AUD	ORD 2,568	2,568
BlackRock Investment Management (Australia) Limited	17-Jun-20	yes	4.45	on mkt buy	AUD	ORD 9,162	9,162
BlackRock Investment Management (Australia) Limited	17-Jun-20	yes	4.45	on mkt buy	AUD	ORD 23,041	23,041
BlackRock Investment Management (Australia) Limited	17-Jun-20	yes	4.45	on mkt buy	AUD	ORD 1,775	1,775
BlackRock Advisors (UK) Limited	19-Jun-20	yes	4.44	on mkt buy	AUD	ORD 986	986
BlackRock Advisors (UK) Limited	19-Jun-20	yes	4.38	on mkt buy	AUD	ORD 986	986
BlackRock Advisors (UK) Limited	19-Jun-20	yes	4.38	on mkt buy	AUD	ORD 321	321
BlackRock Advisors (UK) Limited	19-Jun-20	yes	4.38	on mkt buy	AUD	ORD 144,050	144,050
BlackRock Advisors (UK) Limited	19-Jun-20	yes	4.38	on mkt buy	AUD	ORD 63,478	63,478
BlackRock Investment Management (Australia) Limited	22-Jun-20	yes	4.27	on mkt buy	AUD	ORD 39,664	39,664
BlackRock Investment Management (Australia) Limited	22-Jun-20	yes	4.27	on mkt buy	AUD	ORD 5,866	5,866
BlackRock Investment Management (Australia) Limited	22-Jun-20	yes	4.27	on mkt buy	AUD	ORD 32,003	32,003
BlackRock Institutional Trust Company, National Association	22-Jun-20	no	n/a	in specie	AUD	ORD 58,666	58,666
BlackRock Investment Management, LLC	23-Jun-20	yes	4.32	on mkt buy	AUD	ORD 11,833	11,833
BlackRock Advisors (UK) Limited	25-Jun-20	yes	4.17	on mkt buy	AUD	ORD 642	642
BlackRock Investment Management (Australia) Limited	26-Jun-20	no	n/a	in specie	AUD	ORD 23,288	23,288
BlackRock Investment Management (Australia) Limited	29-Jun-20	yes	4.31	on mkt buy	AUD	ORD 17,822	17,822
BlackRock Investment Management (Australia) Limited	29-Jun-20	yes	4.34	on mkt buy	AUD	ORD 14,822	14,822
BlackRock Fund Advisors	30-Jun-20	no	n/a	in specie	AUD	ORD 3,124	3,124
BlackRock Investment Management (Australia) Limited	30-Jun-20	yes	4.51	on mkt buy	AUD	ORD 8,515	8,515
BlackRock Institutional Trust Company, National Association	30-Jun-20	yes	4.50	on mkt buy	AUD	ORD 6,375	6,375
BlackRock Investment Management (Australia) Limited	01-Jul-20	yes	4.34	on mkt buy	AUD	ORD 139,876	139,876
BlackRock Investment Management (Australia) Limited	01-Jul-20	yes	4.34	on mkt buy	AUD	ORD 3,669	3,669
BlackRock Investment Management (Australia) Limited	01-Jul-20	yes	4.34	on mkt buy	AUD	ORD 3,173	3,173
BlackRock Investment Management (Australia) Limited	02-Jul-20	yes	4.37	on mkt buy	AUD	ORD 153,401	153,401
BlackRock Investment Management (Australia) Limited	02-Jul-20	yes	4.37	on mkt buy	AUD	ORD 4,023	4,023
BlackRock Investment Management (Australia) Limited	02-Jul-20	yes	4.37	on mkt buy	AUD	ORD 3,480	3,480
BlackRock Investment Management (Australia) Limited	02-Jul-20	yes	4.50	on mkt buy	AUD	ORD 1,966	1,966
BlackRock Advisors (UK) Limited	02-Jul-20	yes	4.55	on mkt buy	AUD	ORD 1,902	1,902
BlackRock Advisors (UK) Limited	02-Jul-20	yes	4.55	on mkt buy	AUD	ORD 951	951
BlackRock Fund Advisors	02-Jul-20	no	n/a	in specie	AUD	ORD 2,610	2,610
BlackRock Investment Management (Australia) Limited	03-Jul-20	yes	4.55	on mkt buy	AUD	ORD 497,580	497,580
BlackRock Investment Management (Australia) Limited	03-Jul-20	yes	4.55	on mkt buy	AUD	ORD 13,050	13,050
BlackRock Investment Management (Australia) Limited	03-Jul-20	yes	4.55	on mkt buy	AUD	ORD 18,328	18,328
BlackRock Investment Management (Australia) Limited	03-Jul-20	yes	4.55	on mkt buy	AUD	ORD 11,287	11,287
BlackRock Investment Management (Australia) Limited	06-Jul-20	yes	4.66	on mkt buy	AUD	ORD 78,569	78,569
BlackRock Investment Management (Australia) Limited	06-Jul-20	yes	4.66	on mkt buy	AUD	ORD 2,061	2,061
BlackRock Investment Management (Australia) Limited	06-Jul-20	yes	4.66	on mkt buy	AUD	ORD 2,894	2,894

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	06-Jul-20	yes	4.66	on mkt buy	AUD	ORD	1,781	1,781
BlackRock Asset Management North Asia Limited	06-Jul-20	yes	4.68	on mkt buy	AUD	ORD	14,026	14,026
BlackRock Advisors (UK) Limited	06-Jul-20	yes	4.64	on mkt buy	AUD	ORD	930	930
BlackRock Investment Management (Australia) Limited	07-Jul-20	yes	4.70	on mkt buy	AUD	ORD	133,085	133,085
BlackRock Investment Management (Australia) Limited	07-Jul-20	yes	4.70	on mkt buy	AUD	ORD	4,902	4,902
BlackRock Investment Management (Australia) Limited	07-Jul-20	yes	4.70	on mkt buy	AUD	ORD	3,491	3,491
BlackRock Investment Management (Australia) Limited	07-Jul-20	yes	4.70	on mkt buy	AUD	ORD	3,019	3,019
BlackRock Investment Management (Australia) Limited	07-Jul-20	yes	4.69	on mkt buy	AUD	ORD	2,733	2,733
BlackRock Advisors (UK) Limited	07-Jul-20	yes	4.66	on mkt buy	AUD	ORD	1,860	1,860
BlackRock Advisors (UK) Limited	07-Jul-20	yes	4.66	on mkt buy	AUD	ORD	3,720	3,720
BlackRock Fund Advisors	08-Jul-20	no	n/a	in specie	AUD	ORD	2,900	2,900
BlackRock Investment Management (Australia) Limited	08-Jul-20	yes	4.60	on mkt buy	AUD	ORD	134,715	134,715
BlackRock Investment Management (Australia) Limited	08-Jul-20	yes	4.60	on mkt buy	AUD	ORD	4,961	4,961
BlackRock Investment Management (Australia) Limited	08-Jul-20	yes	4.60	on mkt buy	AUD	ORD	3,533	3,533
BlackRock Investment Management (Australia) Limited	08-Jul-20	yes	4.60	on mkt buy	AUD	ORD	3,057	3,057
BlackRock Investment Management (Australia) Limited	09-Jul-20	yes	4.62	on mkt buy	AUD	ORD	100,261	100,261
BlackRock Investment Management (Australia) Limited	09-Jul-20	yes	4.62	on mkt buy	AUD	ORD	2,630	2,630
BlackRock Investment Management (Australia) Limited	09-Jul-20	yes	4.62	on mkt buy	AUD	ORD	3,692	3,692
BlackRock Investment Management (Australia) Limited	09-Jul-20	yes	4.62	on mkt buy	AUD	ORD	2,275	2,275
BlackRock Investment Management (Australia) Limited	09-Jul-20	yes	4.63	on mkt buy	AUD	ORD	7,076	7,076
BlackRock Fund Advisors	10-Jul-20	no	n/a	in specie	AUD	ORD	2,900	2,900
BlackRock Investment Management (Australia) Limited	10-Jul-20	yes	4.57	on mkt buy	AUD	ORD	86,797	86,797
BlackRock Investment Management (Australia) Limited	10-Jul-20	yes	4.57	on mkt buy	AUD	ORD	2,277	2,277
BlackRock Investment Management (Australia) Limited	10-Jul-20	yes	4.57	on mkt buy	AUD	ORD	3,197	3,197
BlackRock Investment Management (Australia) Limited	10-Jul-20	yes	4.57	on mkt buy	AUD	ORD	1,969	1,969
BlackRock Investment Management (Australia) Limited	13-Jul-20	no	n/a	in specie	AUD	ORD	31,560	31,560
BlackRock Investment Management (Australia) Limited	13-Jul-20	yes	4.46	on mkt buy	AUD	ORD	45,324	45,324
BlackRock Investment Management (Australia) Limited	13-Jul-20	yes	4.46	on mkt buy	AUD	ORD	1,669	1,669
BlackRock Investment Management (Australia) Limited	13-Jul-20	yes	4.46	on mkt buy	AUD	ORD	1,189	1,189
BlackRock Investment Management (Australia) Limited	13-Jul-20	yes	4.46	on mkt buy	AUD	ORD	1,028	1,028
BlackRock Advisors (UK) Limited	13-Jul-20	yes	4.47	on mkt buy	AUD	ORD	929	929
BlackRock Advisors (UK) Limited	13-Jul-20	yes	4.47	on mkt buy	AUD	ORD	321	321
BlackRock Investment Management (Australia) Limited	14-Jul-20	yes	4.37	on mkt buy	AUD	ORD	39,006	39,006
BlackRock Investment Management (Australia) Limited	14-Jul-20	yes	4.37	on mkt buy	AUD	ORD	1,437	1,437
BlackRock Investment Management (Australia) Limited	14-Jul-20	yes	4.37	on mkt buy	AUD	ORD	1,023	1,023
BlackRock Investment Management (Australia) Limited	14-Jul-20	yes	4.37	on mkt buy	AUD	ORD	885	885
BlackRock Investment Management (Australia) Limited	14-Jul-20	yes	4.38	on mkt buy	AUD	ORD	813	813
BlackRock Investment Management (Australia) Limited	15-Jul-20	yes	4.40	on mkt buy	AUD	ORD	11,711	11,711
BlackRock Investment Management (Australia) Limited	15-Jul-20	yes	4.40	on mkt buy	AUD	ORD	307	307
BlackRock Investment Management (Australia) Limited	15-Jul-20	yes	4.40	on mkt buy	AUD	ORD	431	431
BlackRock Investment Management (Australia) Limited	15-Jul-20	yes	4.40	on mkt buy	AUD	ORD	266	266
BlackRock Advisors (UK) Limited	15-Jul-20	yes	4.44	on mkt buy	AUD	ORD	1,858	1,858

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	16-Jul-20	yes	4.43	on mkt buy	AUD	ORD	23,169	23,169
BlackRock Investment Management (Australia) Limited	16-Jul-20	yes	4.43	on mkt buy	AUD	ORD	608	608
BlackRock Investment Management (Australia) Limited	16-Jul-20	yes	4.43	on mkt buy	AUD	ORD	853	853
BlackRock Investment Management (Australia) Limited	16-Jul-20	yes	4.43	on mkt buy	AUD	ORD	526	526
BlackRock Investment Management (Australia) Limited	16-Jul-20	yes	4.41	on mkt buy	AUD	ORD	813	813
BlackRock Advisors (UK) Limited	16-Jul-20	yes	4.41	on mkt buy	AUD	ORD	893	893
BlackRock Investment Management (Australia) Limited	17-Jul-20	yes	4.37	on mkt buy	AUD	ORD	24,112	24,112
BlackRock Investment Management (Australia) Limited	17-Jul-20	yes	4.37	on mkt buy	AUD	ORD	632	632
BlackRock Investment Management (Australia) Limited	17-Jul-20	yes	4.37	on mkt buy	AUD	ORD	888	888
BlackRock Investment Management (Australia) Limited	17-Jul-20	yes	4.37	on mkt buy	AUD	ORD	547	547
BlackRock Advisors (UK) Limited	17-Jul-20	yes	4.38	on mkt buy	AUD	ORD	1,786	1,786
BlackRock Advisors (UK) Limited	17-Jul-20	yes	4.38	on mkt buy	AUD	ORD	642	642
BlackRock Investment Management (Australia) Limited	20-Jul-20	yes	4.39	on mkt buy	AUD	ORD	10,252	10,252
BlackRock Investment Management (Australia) Limited	20-Jul-20	yes	4.39	on mkt buy	AUD	ORD	378	378
BlackRock Investment Management (Australia) Limited	20-Jul-20	yes	4.39	on mkt buy	AUD	ORD	269	269
BlackRock Investment Management (Australia) Limited	20-Jul-20	yes	4.39	on mkt buy	AUD	ORD	232	232
BlackRock Investment Management (Australia) Limited	21-Jul-20	yes	4.58	on mkt buy	AUD	ORD	3,745	3,745
BlackRock Investment Management (Australia) Limited	22-Jul-20	yes	4.44	on mkt buy	AUD	ORD	50,067	50,067
BlackRock Investment Management (Australia) Limited	22-Jul-20	yes	4.44	on mkt buy	AUD	ORD	1,313	1,313
BlackRock Investment Management (Australia) Limited	22-Jul-20	yes	4.44	on mkt buy	AUD	ORD	1,844	1,844
BlackRock Investment Management (Australia) Limited	22-Jul-20	yes	4.44	on mkt buy	AUD	ORD	1,137	1,137
BlackRock Advisors (UK) Limited	22-Jul-20	yes	4.44	on mkt buy	AUD	ORD	1,774	1,774
BlackRock Advisors (UK) Limited	23-Jul-20	yes	4.49	on mkt buy	AUD	ORD	642	642
BlackRock Fund Advisors	29-Jul-20	no	n/a	in specie	AUD	ORD	732	732
BlackRock Advisors (UK) Limited	29-Jul-20	yes	4.25	on mkt buy	AUD	ORD	321	321
BlackRock Advisors (UK) Limited	31-Jul-20	yes	4.18	on mkt buy	AUD	ORD	642	642
BlackRock Institutional Trust Company, National Association	31-Jul-20	yes	4.18	on mkt buy	AUD	ORD	7,316	7,316
BlackRock Investment Management (Australia) Limited	04-Aug-20	yes	4.27	on mkt buy	AUD	ORD	2,448	2,448
BlackRock Advisors (UK) Limited	04-Aug-20	yes	4.27	on mkt buy	AUD	ORD	886	886
BlackRock Advisors (UK) Limited	04-Aug-20	yes	4.27	on mkt buy	AUD	ORD	963	963
BlackRock Advisors (UK) Limited	04-Aug-20	yes	4.27	on mkt buy	AUD	ORD	642	642
BlackRock Fund Advisors	05-Aug-20	no	n/a	in specie	AUD	ORD	9,120	9,120
BlackRock Investment Management (Australia) Limited	06-Aug-20	yes	4.27	on mkt buy	AUD	ORD	7,653	7,653
BlackRock Advisors (UK) Limited	06-Aug-20	yes	4.25	on mkt buy	AUD	ORD	932	932
BlackRock Advisors (UK) Limited	07-Aug-20	yes	4.17	on mkt buy	AUD	ORD	642	642
BlackRock Investment Management (Australia) Limited	10-Aug-20	yes	4.26	on mkt buy	AUD	ORD	816	816
BlackRock Advisors (UK) Limited	10-Aug-20	yes	4.26	on mkt buy	AUD	ORD	321	321
BlackRock Investment Management, LLC	11-Aug-20	yes	4.17	on mkt buy	AUD	ORD	11,845	11,845
BlackRock Fund Advisors	13-Aug-20	no	n/a	in specie	AUD	ORD	26,928	26,928
BlackRock Fund Advisors	13-Aug-20	no	n/a	in specie	AUD	ORD	3,060	3,060
BlackRock Advisors (UK) Limited	13-Aug-20	yes	4.16	on mkt buy	AUD	ORD	886	886
BlackRock Fund Advisors	14-Aug-20	no	n/a	in specie	AUD	ORD	9,840	9,840
BlackRock Investment Management (Australia) Limited	14-Aug-20	yes	4.15	on mkt buy	AUD	ORD	3,709	3,709
BlackRock Advisors (UK) Limited	17-Aug-20	yes	4.11	on mkt buy	AUD	ORD	930	930
BlackRock Investment Management (Australia) Limited	18-Aug-20	yes	4.19	on mkt buy	AUD	ORD	1,084	1,084
BlackRock Fund Advisors	19-Aug-20	no	n/a	in specie	AUD	ORD	980	980
BlackRock Investment Management (Australia) Limited	20-Aug-20	yes	4.20	on mkt buy	AUD	ORD	16,090	16,090
BlackRock Investment Management (Australia) Limited	21-Aug-20	no	n/a	in specie	AUD	ORD	33,730	33,730
BlackRock Fund Advisors	24-Aug-20	no	n/a	in specie	AUD	ORD	4,209	4,209
BlackRock Advisors (UK) Limited	24-Aug-20	yes	4.40	on mkt buy	AUD	ORD	1,864	1,864

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Fund Advisors	25-Aug-20	no	n/a	in specie	AUD	ORD	3,320	3,320
BlackRock Investment Management (Australia) Limited	25-Aug-20	yes	4.30	on mkt buy	AUD	ORD	10,641	10,641
BlackRock Investment Management (Australia) Limited	25-Aug-20	yes	4.29	on mkt buy	AUD	ORD	25,847	25,847
BlackRock Investment Management (Australia) Limited	25-Aug-20	yes	4.32	on mkt buy	AUD	ORD	3,523	3,523
BlackRock Advisors (UK) Limited	25-Aug-20	yes	4.32	on mkt buy	AUD	ORD	642	642
BlackRock Investment Management (Australia) Limited	25-Aug-20	yes	4.32	on mkt buy	AUD	ORD	12,013	12,013
BlackRock Fund Advisors	26-Aug-20	no	n/a	in specie	AUD	ORD	4,395	4,395
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.74	on mkt buy	AUD	ORD	305,151	305,151
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.74	on mkt buy	AUD	ORD	47,705	47,705
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.74	on mkt buy	AUD	ORD	7,144	7,144
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.78	on mkt buy	AUD	ORD	1,382,695	1,382,695
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.78	on mkt buy	AUD	ORD	216,160	216,160
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.78	on mkt buy	AUD	ORD	32,373	32,373
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.71	on mkt buy	AUD	ORD	84,764	84,764
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.71	on mkt buy	AUD	ORD	13,251	13,251
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.71	on mkt buy	AUD	ORD	1,985	1,985
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.74	on mkt buy	AUD	ORD	1,684	1,684
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.75	on mkt buy	AUD	ORD	254,293	254,293
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.75	on mkt buy	AUD	ORD	39,754	39,754
BlackRock Investment Management (Australia) Limited	26-Aug-20	yes	3.75	on mkt buy	AUD	ORD	5,953	5,953

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

28-Aug-20

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 Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
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 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 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