

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme ORICA LIMITED

ACN/ARSN 004 145 868

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 27 / 07 / 2018

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	19,088,010	19,088,010	5.03

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 31 / 07 / 2018

* 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.

31-Jul-18

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 18,476	18,476	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 4,998	4,998	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 49,747	49,747	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNP Paribas Securities Services Singapore		ORD 5,716	5,716	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 652,734	652,734	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 21,748	21,748	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-JP MORGAN CHASE - NEW YORK		ORD 9,673	9,673	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 264,976	264,976	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 94,488	94,488	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.	RBC-DEXIA BIL- LONDON		ORD 32,449	32,449	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.	RBC-RBC Investor Services Bank S.A. Zurich		ORD 18,969	18,969	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 956,770	956,770	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 7,581	7,581	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 300,975	300,975	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 12,424	12,424	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 1,922	1,922	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 8,703	8,703	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 199,185	199,185	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 608	608	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 1,863	1,863	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 524	524	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 10,305	10,305	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 18,805	18,805	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 48,063	48,063	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ORD 57,074	57,074	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-SSB NEW YORK INSTITUTIONAL		ORD 5,346	5,346	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 2,944	2,944	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-SSB NEW YORK INSTITUTIONAL		ORD 16,031	16,031	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 53,749	53,749	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 17,936	17,936	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SACRAMENTO		ORD 4,935,039	4,935,039	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 350,060	350,060	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.	GS-GOLDMAN SACHS PRIME BROKER - NEW YORK		ORD 2,516	2,516	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 4,749,248	4,749,248	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.	MS-MORGAN STANLEY & CO INC		ORD 103,946	103,946	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 129,559	129,559	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 3,987	3,987	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 8,309	8,309	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 330,481	330,481	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 102,357	102,357	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 15,708	15,708	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 17,141	17,141	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 17,989	17,989	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ORD 129,719	129,719	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 255,453	255,453	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 3,878	3,878	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 684,612	684,612	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 223,559	223,559	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 112,482	112,482	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 19,625	19,625	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 2,426	2,426	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-BNP Paribas Milan		ORD 9,561	9,561	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 165,322	165,322	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 155,900	155,900	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 389,449	389,449	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 155,490	155,490	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 21,840	21,840	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 210,145	210,145	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 25,372	25,372	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 281,119	281,119	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.	PICT-PICTET & CIE		ORD 1,690	1,690	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 15,872	15,872	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 16,049	16,049	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 267,447	267,447	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 26,648	26,648	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 235,436	235,436	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 239,697	239,697	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 245,890	245,890	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 2,237	2,237	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 11,694	11,694	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 7,392	7,392	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 426,442	426,442	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 3,663	3,663	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 188,536	188,536	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 138,282	138,282	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 753,961	753,961	subsidiary of BlackRock Inc.

This is Annexure B of 7 pages referred to in form 603 Notice of initial substantial shareholder

31-Jul-18

Bradley Taylor,
Authorised Signatory

Date

5. Consideration

ORICA LIMITED (ORI)									
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	28-Mar-18	no	n/a	collateral transfer	AUD	ORD 164,589	164,589		
BlackRock Advisors (UK) Limited	29-Mar-18	yes	17.76	on mkt buy	AUD	ORD 763	763		
BlackRock Advisors (UK) Limited	29-Mar-18	yes	17.76	on mkt buy	AUD	ORD 2,289	2,289		
BlackRock Advisors (UK) Limited	29-Mar-18	yes	17.76	on mkt buy	AUD	ORD 973	973		
BlackRock Investment Management (Australia) Limited	29-Mar-18	yes	17.76	on mkt buy	AUD	ORD 2,138	2,138		
BlackRock Fund Advisors	29-Mar-18	no	n/a	in specie	AUD	ORD 1,820	1,820		
BlackRock Institutional Trust Company, National Association	29-Mar-18	no	n/a	in specie	AUD	ORD 22,274	22,274		
BlackRock Institutional Trust Company, National Association	03-Apr-18	yes	17.89	on mkt buy	AUD	ORD 4,305	4,305		
BlackRock Institutional Trust Company, National Association	03-Apr-18	yes	17.89	on mkt buy	AUD	ORD 3,076	3,076		
BlackRock Institutional Trust Company, National Association	03-Apr-18	yes	17.89	on mkt buy	AUD	ORD 16,240	16,240		
BlackRock Fund Advisors	03-Apr-18	yes	17.89	on mkt buy	AUD	ORD 4,187	4,187		
BlackRock Investment Management (UK) Limited	03-Apr-18	no	n/a	collateral transfer	AUD	ORD 185,229	185,229		
BlackRock Advisors (UK) Limited	04-Apr-18	yes	17.75	on mkt buy	AUD	ORD 973	973		
BlackRock Advisors (UK) Limited	04-Apr-18	yes	17.75	on mkt buy	AUD	ORD 416	416		
BlackRock Advisors (UK) Limited	05-Apr-18	yes	17.76	on mkt buy	AUD	ORD 763	763		
BlackRock Advisors (UK) Limited	05-Apr-18	yes	17.74	on mkt buy	AUD	ORD 715	715		
BlackRock Fund Advisors	05-Apr-18	no	n/a	in specie	AUD	ORD 2,830	2,830		
BlackRock Advisors (UK) Limited	05-Apr-18	no	n/a	collateral transfer	AUD	ORD 110,864	110,864		
BlackRock Financial Management, Inc.	06-Apr-18	yes	17.77	on mkt buy	AUD	ORD 1,118	1,118		
BlackRock Advisors (UK) Limited	06-Apr-18	yes	17.80	on mkt buy	AUD	ORD 858	858		
BlackRock Investment Management (Australia) Limited	06-Apr-18	yes	17.80	on mkt buy	AUD	ORD 1,658	1,658		
BlackRock Advisors (UK) Limited	09-Apr-18	no	n/a	in specie	AUD	ORD 5,213	5,213		
BlackRock Advisors (UK) Limited	09-Apr-18	no	n/a	collateral transfer	AUD	ORD 17,018	17,018		
BlackRock Advisors (UK) Limited	10-Apr-18	yes	18.64	on mkt buy	AUD	ORD 1,001	1,001		
BlackRock Investment Management (Australia) Limited	10-Apr-18	yes	18.64	on mkt buy	AUD	ORD 3,790	3,790		
BlackRock Fund Advisors	10-Apr-18	no	n/a	in specie	AUD	ORD 2,830	2,830		
BlackRock Institutional Trust Company, National Association	10-Apr-18	no	n/a	in specie	AUD	ORD 7,110	7,110		
BlackRock Institutional Trust Company, National Association	10-Apr-18	no	n/a	in specie	AUD	ORD 3,825	3,825		
BlackRock Institutional Trust Company, National Association	10-Apr-18	no	n/a	in specie	AUD	ORD 5,256	5,256		
BlackRock Investment Management (UK) Limited	10-Apr-18	no	n/a	collateral transfer	AUD	ORD 43,206	43,206		
BlackRock Investment Management (Australia) Limited	11-Apr-18	yes	18.77	on mkt buy	AUD	ORD 30,597	30,597		
BlackRock Advisors (UK) Limited	12-Apr-18	yes	18.54	on mkt buy	AUD	ORD 133	133		
BlackRock Advisors (UK) Limited	12-Apr-18	yes	18.54	on mkt buy	AUD	ORD 393	393		
BlackRock Investment Management (UK) Limited	12-Apr-18	yes	18.54	on mkt buy	AUD	ORD 2,053	2,053		
BlackRock Fund Advisors	12-Apr-18	yes	18.54	on mkt buy	AUD	ORD 3,633	3,633		
BlackRock Institutional Trust Company, National Association	12-Apr-18	yes	18.54	on mkt buy	AUD	ORD 1,622	1,622		
BlackRock Japan Co., Ltd.	12-Apr-18	no	n/a	collateral transfer	AUD	ORD 727	727		
BlackRock Advisors (UK) Limited	13-Apr-18	yes	18.71	on mkt buy	AUD	ORD 324	324		
BlackRock Advisors (UK) Limited	13-Apr-18	yes	18.71	on mkt buy	AUD	ORD 262	262		
BlackRock Advisors (UK) Limited	13-Apr-18	no	n/a	collateral transfer	AUD	ORD 45,074	45,074		
BlackRock Advisors (UK) Limited	16-Apr-18	yes	18.80	on mkt buy	AUD	ORD 763	763		
BlackRock Advisors (UK) Limited	16-Apr-18	yes	18.80	on mkt buy	AUD	ORD 393	393		

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			Cash	Non-cash	CCY				
BlackRock Fund Advisors	16-Apr-18	yes		18.80	on mkt buy	AUD	ORD	5,550	5,550
BlackRock Investment Management (Australia) Limited	16-Apr-18	yes		18.80	on mkt buy	AUD	ORD	2,089	2,089
BlackRock Advisors (UK) Limited	17-Apr-18	yes		18.83	on mkt buy	AUD	ORD	1,526	1,526
BlackRock Fund Advisors	17-Apr-18	yes		18.83	on mkt buy	AUD	ORD	9,595	9,595
BlackRock Fund Advisors	17-Apr-18	yes		18.83	on mkt buy	AUD	ORD	3,120	3,120
BlackRock Advisors (UK) Limited	17-Apr-18	no	n/a		collateral transfer	AUD	ORD	9,172	9,172
BlackRock Advisors (UK) Limited	19-Apr-18	yes		18.93	on mkt buy	AUD	ORD	6,104	6,104
BlackRock Investment Management (UK) Limited	19-Apr-18	no	n/a		collateral transfer	AUD	ORD	7,402	7,402
BlackRock Investment Management, LLC	20-Apr-18	yes		19.08	on mkt buy	AUD	ORD	1,809	1,809
BlackRock Financial Management, Inc.	20-Apr-18	yes		19.08	on mkt buy	AUD	ORD	650	650
BlackRock Investment Management (UK) Limited	20-Apr-18	no	n/a		collateral transfer	AUD	ORD	26,840	26,840
BlackRock Advisors (UK) Limited	23-Apr-18	yes		19.00	on mkt buy	AUD	ORD	2,289	2,289
BlackRock Advisors (UK) Limited	23-Apr-18	yes		19.03	on mkt buy	AUD	ORD	763	763
BlackRock Fund Advisors	23-Apr-18	no	n/a		in specie	AUD	ORD	2,300	2,300
BlackRock Fund Advisors	23-Apr-18	no	n/a		in specie	AUD	ORD	5,700	5,700
BlackRock Fund Advisors	23-Apr-18	no	n/a		in specie	AUD	ORD	10,830	10,830
BlackRock Advisors (UK) Limited	24-Apr-18	yes		19.00	on mkt buy	AUD	ORD	764	764
BlackRock Advisors (UK) Limited	24-Apr-18	yes		19.07	on mkt buy	AUD	ORD	764	764
BlackRock Advisors (UK) Limited	24-Apr-18	yes		19.07	on mkt buy	AUD	ORD	396	396
BlackRock Fund Advisors	24-Apr-18	no	n/a		in specie	AUD	ORD	217	217
BlackRock Fund Advisors	24-Apr-18	no	n/a		in specie	AUD	ORD	651	651
BlackRock Fund Advisors	24-Apr-18	no	n/a		in specie	AUD	ORD	11,400	11,400
BlackRock Japan Co., Ltd.	24-Apr-18	no	n/a		collateral transfer	AUD	ORD	486	486
BlackRock Advisors (UK) Limited	24-Apr-18	no	n/a		collateral transfer	AUD	ORD	7,293	7,293
BlackRock Investment Management, LLC	24-Apr-18	no	n/a		collateral transfer	AUD	ORD	6,809	6,809
BlackRock Asset Management North Asia Limited	24-Apr-18	no	n/a		collateral transfer	AUD	ORD	2,885	2,885
BlackRock Japan Co., Ltd.	25-Apr-18	no	n/a		collateral transfer	AUD	ORD	39	39
BlackRock Investment Management (UK) Limited	25-Apr-18	no	n/a		collateral transfer	AUD	ORD	1,105	1,105
BlackRock Investment Management (UK) Limited	26-Apr-18	yes		19.39	on mkt buy	AUD	ORD	2,349	2,349
BlackRock Advisors (UK) Limited	26-Apr-18	yes		19.40	on mkt buy	AUD	ORD	174	174
BlackRock Advisors (UK) Limited	26-Apr-18	yes		19.40	on mkt buy	AUD	ORD	785	785
BlackRock Fund Advisors	26-Apr-18	no	n/a		in specie	AUD	ORD	552	552
BlackRock Japan Co., Ltd.	26-Apr-18	no	n/a		collateral transfer	AUD	ORD	961	961
BlackRock Financial Management, Inc.	26-Apr-18	no	n/a		collateral transfer	AUD	ORD	1	1
BlackRock Investment Management, LLC	26-Apr-18	no	n/a		collateral transfer	AUD	ORD	3,466	3,466
BlackRock Investment Management (UK) Limited	26-Apr-18	no	n/a		collateral transfer	AUD	ORD	37,723	37,723
BlackRock Asset Management North Asia Limited	26-Apr-18	no	n/a		collateral transfer	AUD	ORD	4,726	4,726
BlackRock Advisors (UK) Limited	27-Apr-18	yes		19.80	on mkt buy	AUD	ORD	823	823
BlackRock International Limited	27-Apr-18	yes		19.80	on mkt buy	AUD	ORD	10,291	10,291
BlackRock Fund Advisors	27-Apr-18	no	n/a		in specie	AUD	ORD	2,618	2,618
BlackRock Advisors (UK) Limited	27-Apr-18	no	n/a		in specie	AUD	ORD	726	726
BlackRock Advisors (UK) Limited	27-Apr-18	no	n/a		in specie	AUD	ORD	9,108	9,108
BlackRock Financial Management, Inc.	27-Apr-18	no	n/a		collateral transfer	AUD	ORD	323	323
BlackRock Investment Management, LLC	27-Apr-18	no	n/a		collateral transfer	AUD	ORD	11,015	11,015
BlackRock Investment Management (UK) Limited	27-Apr-18	no	n/a		collateral transfer	AUD	ORD	23,164	23,164
BlackRock Asset Management North Asia Limited	27-Apr-18	no	n/a		collateral transfer	AUD	ORD	17,336	17,336
BlackRock Institutional Trust Company, National Association	30-Apr-18	no	n/a		in specie	AUD	ORD	3,712	3,712
BlackRock Investment Management, LLC	30-Apr-18	yes		19.85	on mkt buy	AUD	ORD	931	931
BlackRock Advisors (UK) Limited	30-Apr-18	yes		19.88	on mkt buy	AUD	ORD	1,590	1,590
BlackRock Advisors (UK) Limited	01-May-18	yes		19.74	on mkt buy	AUD	ORD	618	618
BlackRock Advisors (UK) Limited	01-May-18	yes		19.82	on mkt buy	AUD	ORD	18,178	18,178
BlackRock Investment Management (Australia) Limited	01-May-18	yes		19.76	on mkt buy	AUD	ORD	2,713	2,713
BlackRock Advisors (UK) Limited	02-May-18	yes		19.83	on mkt buy	AUD	ORD	2,088	2,088

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	02-May-18	yes	19.83	on mkt buy	AUD	ORD 632	632
BlackRock Advisors (UK) Limited	02-May-18	yes	19.83	on mkt buy	AUD	ORD 15,108	15,108
BlackRock Advisors (UK) Limited	02-May-18	yes	19.83	on mkt buy	AUD	ORD 10,814	10,814
BlackRock Fund Advisors	02-May-18	no	n/a	in specie	AUD	ORD 644	644
BlackRock Fund Advisors	02-May-18	no	n/a	in specie	AUD	ORD 1,299	1,299
BlackRock Asset Management Canada Limited	03-May-18	yes	19.95	on mkt buy	AUD	ORD 486	486
BlackRock Advisors (UK) Limited	03-May-18	yes	19.65	on mkt buy	AUD	ORD 822	822
BlackRock Advisors (UK) Limited	03-May-18	yes	19.65	on mkt buy	AUD	ORD 352	352
BlackRock Fund Advisors	03-May-18	no	n/a	in specie	AUD	ORD 866	866
BlackRock Japan Co., Ltd.	04-May-18	no	n/a	collateral transfer	AUD	ORD 22,654	22,654
BlackRock Investment Management, LLC	07-May-18	yes	19.00	on mkt buy	AUD	ORD 6,774	6,774
BlackRock Advisors (UK) Limited	07-May-18	no	n/a	collateral transfer	AUD	ORD 10,432	10,432
BlackRock Financial Management, Inc.	07-May-18	no	n/a	collateral transfer	AUD	ORD 14,121	14,121
BlackRock Investment Management (UK) Limited	07-May-18	no	n/a	collateral transfer	AUD	ORD 8,533	8,533
BlackRock Investment Management (Australia) Limited	08-May-18	yes	19.05	on mkt buy	AUD	ORD 13,367	13,367
BlackRock Advisors, LLC	08-May-18	yes	19.05	on mkt buy	AUD	ORD 2,932	2,932
BlackRock Financial Management, Inc.	08-May-18	no	n/a	in specie	AUD	ORD 47,204	47,204
BlackRock Advisors (UK) Limited	08-May-18	no	n/a	collateral transfer	AUD	ORD 17,677	17,677
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 819	819
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 4,095	4,095
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 176	176
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 584	584
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 1,592	1,592
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 584	584
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62	on mkt buy	AUD	ORD 500	500
BlackRock Advisors (UK) Limited	10-May-18	yes	18.51	on mkt buy	AUD	ORD 2,475	2,475
BlackRock Advisors (UK) Limited	10-May-18	no	n/a	collateral transfer	AUD	ORD 86,809	86,809
BlackRock Advisors (UK) Limited	11-May-18	yes	18.40	on mkt buy	AUD	ORD 1,652	1,652
BlackRock Investment Management, LLC	11-May-18	yes	18.41	on mkt buy	AUD	ORD 1,745	1,745
BlackRock Financial Management, Inc.	11-May-18	yes	18.50	on mkt buy	AUD	ORD 60	60
BlackRock Advisors (UK) Limited	11-May-18	yes	18.40	on mkt buy	AUD	ORD 735	735
BlackRock Advisors (UK) Limited	11-May-18	yes	18.40	on mkt buy	AUD	ORD 3,304	3,304
BlackRock Fund Advisors	11-May-18	no	n/a	in specie	AUD	ORD 3,124	3,124
BlackRock Japan Co., Ltd.	11-May-18	no	n/a	collateral transfer	AUD	ORD 150,576	150,576
BlackRock Advisors (UK) Limited	14-May-18	yes	18.28	on mkt buy	AUD	ORD 2,487	2,487
BlackRock Fund Advisors	14-May-18	no	n/a	in specie	AUD	ORD 1,420	1,420
BlackRock Advisors (UK) Limited	14-May-18	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Investment Management (UK) Limited	15-May-18	yes	18.29	on mkt buy	AUD	ORD 3,462	3,462
BlackRock Investment Management, LLC	15-May-18	yes	18.29	on mkt buy	AUD	ORD 2,519	2,519
BlackRock Fund Advisors	15-May-18	no	n/a	in specie	AUD	ORD 5,544	5,544
BlackRock Investment Management (UK) Limited	15-May-18	no	n/a	in specie	AUD	ORD 8,698	8,698
BlackRock Institutional Trust Company, National Association	15-May-18	no	n/a	in specie	AUD	ORD 13,438	13,438
BlackRock Advisors (UK) Limited	15-May-18	no	n/a	collateral transfer	AUD	ORD 149,820	149,820
BlackRock Asset Management Canada Limited	16-May-18	no	n/a	in specie	AUD	ORD 1,931	1,931
BlackRock Advisors (UK) Limited	16-May-18	yes	18.25	on mkt buy	AUD	ORD 178	178
BlackRock Advisors (UK) Limited	16-May-18	yes	18.25	on mkt buy	AUD	ORD 1,036	1,036
BlackRock Advisors (UK) Limited	16-May-18	yes	18.25	on mkt buy	AUD	ORD 148	148
BlackRock Advisors (UK) Limited	17-May-18	yes	18.23	on mkt buy	AUD	ORD 1,176	1,176
BlackRock Fund Advisors	17-May-18	yes	18.23	on mkt buy	AUD	ORD 7,360	7,360
BlackRock Institutional Trust Company, National Association	17-May-18	yes	18.23	on mkt buy	AUD	ORD 4,035	4,035
BlackRock Investment Management, LLC	18-May-18	yes	18.05	on mkt buy	AUD	ORD 5,553	5,553
BlackRock Financial Management, Inc.	18-May-18	yes	18.05	on mkt buy	AUD	ORD 5,819	5,819
BlackRock Advisors (UK) Limited	18-May-18	yes	18.02	on mkt buy	AUD	ORD 441	441
BlackRock Fund Advisors	18-May-18	yes	18.02	on mkt buy	AUD	ORD 13,491	13,491
BlackRock Fund Advisors	18-May-18	no	n/a	in specie	AUD	ORD 2,272	2,272
BlackRock Advisors (UK) Limited	21-May-18	no	n/a	in specie	AUD	ORD 2,658	2,658
BlackRock Advisors (UK) Limited	22-May-18	yes	17.99	on mkt buy	AUD	ORD 1,692	1,692
BlackRock Advisors (UK) Limited	22-May-18	yes	17.99	on mkt buy	AUD	ORD 504	504
BlackRock Advisors (UK) Limited	22-May-18	yes	17.99	on mkt buy	AUD	ORD 378	378

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BlackRock Advisors (UK) Limited	22-May-18	yes	17.99	on mkt buy	AUD	ORD 756	756
BlackRock Advisors (UK) Limited	23-May-18	yes	17.95	on mkt buy	AUD	ORD 1,323	1,323
BlackRock Advisors (UK) Limited	23-May-18	yes	17.95	on mkt buy	AUD	ORD 735	735
BlackRock Fund Advisors	24-May-18	yes	17.90	on mkt buy	AUD	ORD 3,002	3,002
BlackRock Asset Management Canada Limited	24-May-18	no	n/a	in specie	AUD	ORD 558	558
BlackRock Advisors (UK) Limited	25-May-18	yes	17.86	on mkt buy	AUD	ORD 2,493	2,493
BlackRock Japan Co., Ltd.	25-May-18	no	n/a	collateral transfer	AUD	ORD 253,112	253,112
BlackRock Japan Co., Ltd.	28-May-18	no	n/a	collateral transfer	AUD	ORD 308,875	308,875
BlackRock Advisors (UK) Limited	30-May-18	yes	17.87	on mkt buy	AUD	ORD 831	831
BlackRock Advisors (UK) Limited	30-May-18	yes	17.87	on mkt buy	AUD	ORD 882	882
BlackRock Fund Advisors	30-May-18	yes	17.87	on mkt buy	AUD	ORD 6,620	6,620
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 730	730
BlackRock (Netherlands) B.V.	31-May-18	yes	17.67	on mkt buy	AUD	ORD 194	194
BlackRock (Netherlands) B.V.	31-May-18	yes	17.67	on mkt buy	AUD	ORD 126	126
BlackRock Fund Advisors	31-May-18	yes	17.67	on mkt buy	AUD	ORD 2,319	2,319
BlackRock Fund Advisors	31-May-18	yes	17.67	on mkt buy	AUD	ORD 3,575	3,575
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 6,119	6,119
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 3,967	3,967
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 2,379	2,379
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 3,668	3,668
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 1,035	1,035
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67	on mkt buy	AUD	ORD 1,590	1,590
BlackRock Institutional Trust Company, National Association	31-May-18	yes	17.67	on mkt buy	AUD	ORD 3,869	3,869
BlackRock Institutional Trust Company, National Association	31-May-18	yes	17.67	on mkt buy	AUD	ORD 5,966	5,966
BlackRock Advisors (UK) Limited	04-Jun-18	yes	17.69	on mkt buy	AUD	ORD 173	173
BlackRock Institutional Trust Company, National Association	04-Jun-18	yes	17.69	on mkt buy	AUD	ORD 3,146	3,146
BlackRock Advisors (UK) Limited	04-Jun-18	yes	17.69	on mkt buy	AUD	ORD 2,212	2,212
BlackRock Capital Management, Inc.	04-Jun-18	no	n/a	collateral transfer	AUD	ORD 2	2
BlackRock Investment Management (UK) Limited	04-Jun-18	no	n/a	collateral transfer	AUD	ORD 23,319	23,319
BlackRock Japan Co., Ltd.	05-Jun-18	no	n/a	collateral transfer	AUD	ORD 191,742	191,742
BlackRock Advisors (UK) Limited	06-Jun-18	yes	17.54	on mkt buy	AUD	ORD 4,270	4,270
BlackRock Advisors (UK) Limited	06-Jun-18	yes	17.54	on mkt buy	AUD	ORD 3,416	3,416
BlackRock Investment Management (UK) Limited	06-Jun-18	no	n/a	in specie	AUD	ORD 6,469	6,469
BlackRock Fund Advisors	06-Jun-18	no	n/a	in specie	AUD	ORD 546	546
BlackRock Fund Advisors	06-Jun-18	no	n/a	in specie	AUD	ORD 4,028	4,028
BlackRock Financial Management, Inc.	06-Jun-18	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Investment Management, LLC	06-Jun-18	no	n/a	collateral transfer	AUD	ORD 2,854	2,854
BlackRock Investment Management (UK) Limited	06-Jun-18	no	n/a	collateral transfer	AUD	ORD 183,737	183,737
BlackRock Asset Management North Asia Limited	06-Jun-18	no	n/a	collateral transfer	AUD	ORD 2,600	2,600
BlackRock Advisors (UK) Limited	07-Jun-18	yes	17.66	on mkt buy	AUD	ORD 2,565	2,565
BlackRock Advisors (UK) Limited	07-Jun-18	yes	17.66	on mkt buy	AUD	ORD 3,420	3,420
BlackRock Advisors (UK) Limited	07-Jun-18	yes	17.66	on mkt buy	AUD	ORD 1,108	1,108
BlackRock Advisors (UK) Limited	07-Jun-18	yes	17.66	on mkt buy	AUD	ORD 508	508
BlackRock Fund Advisors	07-Jun-18	no	n/a	in specie	AUD	ORD 637	637
BlackRock Fund Advisors	07-Jun-18	no	n/a	in specie	AUD	ORD 4,028	4,028
BlackRock Japan Co., Ltd.	07-Jun-18	no	n/a	collateral transfer	AUD	ORD 4	4
BlackRock Advisors (UK) Limited	07-Jun-18	no	n/a	collateral transfer	AUD	ORD 63,510	63,510
BlackRock Investment Management, LLC	07-Jun-18	no	n/a	collateral transfer	AUD	ORD 309	309
BlackRock Advisors (UK) Limited	08-Jun-18	yes	17.53	on mkt buy	AUD	ORD 856	856
BlackRock Advisors (UK) Limited	08-Jun-18	yes	17.53	on mkt buy	AUD	ORD 1,712	1,712
BlackRock Fund Advisors	08-Jun-18	no	n/a	in specie	AUD	ORD 1,506	1,506
BlackRock Fund Advisors	08-Jun-18	no	n/a	in specie	AUD	ORD 1,506	1,506
BlackRock Fund Advisors	08-Jun-18	no	n/a	in specie	AUD	ORD 1,299	1,299
BlackRock Fund Advisors	08-Jun-18	no	n/a	in specie	AUD	ORD 2,014	2,014
BlackRock Japan Co., Ltd.	08-Jun-18	no	n/a	collateral transfer	AUD	ORD 12,454	12,454
BlackRock Financial Management, Inc.	08-Jun-18	no	n/a	collateral transfer	AUD	ORD 3	3

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BlackRock Investment Management, LLC	08-Jun-18	no	n/a	collateral transfer	AUD	ORD 14,386	14,386
BlackRock Asset Management North Asia Limited	08-Jun-18	no	n/a	collateral transfer	AUD	ORD 10,426	10,426
BlackRock Fund Advisors	12-Jun-18	yes	17.50	on mkt buy	AUD	ORD 2,583	2,583
BlackRock Advisors (UK) Limited	12-Jun-18	yes	17.59	on mkt buy	AUD	ORD 1,714	1,714
BlackRock Advisors (UK) Limited	12-Jun-18	yes	17.59	on mkt buy	AUD	ORD 857	857
BlackRock Advisors (UK) Limited	12-Jun-18	no	n/a	collateral transfer	AUD	ORD 18,449	18,449
BlackRock Investment Management (Australia) Limited	14-Jun-18	yes	17.39	on mkt buy	AUD	ORD 3,488	3,488
BlackRock Japan Co., Ltd.	14-Jun-18	no	n/a	collateral transfer	AUD	ORD 120,726	120,726
BlackRock Advisors (UK) Limited	14-Jun-18	no	n/a	collateral transfer	AUD	ORD 11,942	11,942
BlackRock Advisors (UK) Limited	15-Jun-18	yes	17.62	on mkt buy	AUD	ORD 1,638	1,638
BlackRock Investment Management (UK) Limited	15-Jun-18	yes	17.62	on mkt buy	AUD	ORD 46,946	46,946
BlackRock Asset Management Canada Limited	15-Jun-18	yes	17.62	on mkt buy	AUD	ORD 3,476	3,476
BlackRock Institutional Trust Company, National Association	15-Jun-18	yes	17.62	on mkt buy	AUD	ORD 22,177	22,177
BlackRock Financial Management, Inc.	15-Jun-18	yes	17.62	on mkt buy	AUD	ORD 3,226	3,226
BlackRock Investment Management (UK) Limited	15-Jun-18	no	n/a	collateral transfer	AUD	ORD 61,017	61,017
BlackRock Investment Management (UK) Limited	18-Jun-18	no	n/a	collateral transfer	AUD	ORD 34	34
BlackRock Advisors (UK) Limited	19-Jun-18	no	n/a	in specie	AUD	ORD 3,978	3,978
BlackRock Investment Management (UK) Limited	20-Jun-18	yes	17.93	on mkt buy	AUD	ORD 17,457	17,457
BlackRock Advisors (UK) Limited	20-Jun-18	yes	17.96	on mkt buy	AUD	ORD 2,457	2,457
BlackRock Advisors (UK) Limited	20-Jun-18	no	n/a	collateral transfer	AUD	ORD 21,944	21,944
BlackRock Advisors (UK) Limited	21-Jun-18	yes	17.98	on mkt buy	AUD	ORD 1,470	1,470
BlackRock Japan Co., Ltd.	21-Jun-18	no	n/a	collateral transfer	AUD	ORD 9,953	9,953
BlackRock Institutional Trust Company, National Association	22-Jun-18	yes	17.93	on mkt buy	AUD	ORD 306	306
BlackRock Advisors (UK) Limited	22-Jun-18	no	n/a	collateral transfer	AUD	ORD 21,548	21,548
BlackRock Fund Advisors	25-Jun-18	no	n/a	in specie	AUD	ORD 900	900
BlackRock Advisors (UK) Limited	26-Jun-18	yes	17.84	on mkt buy	AUD	ORD 620	620
BlackRock Japan Co., Ltd.	26-Jun-18	no	n/a	collateral transfer	AUD	ORD 902	902
BlackRock Fund Advisors	27-Jun-18	yes	17.99	on mkt buy	AUD	ORD 33,357	33,357
BlackRock Fund Advisors	27-Jun-18	no	n/a	in specie	AUD	ORD 3,378	3,378
BlackRock Japan Co., Ltd.	28-Jun-18	no	n/a	collateral transfer	AUD	ORD 76,849	76,849
BlackRock Advisors (UK) Limited	28-Jun-18	no	n/a	collateral transfer	AUD	ORD 29,560	29,560
BlackRock Investment Management (UK) Limited	28-Jun-18	no	n/a	collateral transfer	AUD	ORD 27,274	27,274
BlackRock Advisors (UK) Limited	29-Jun-18	yes	17.75	on mkt buy	AUD	ORD 7,803	7,803
BlackRock Institutional Trust Company, National Association	29-Jun-18	yes	17.75	on mkt buy	AUD	ORD 51,587	51,587
BlackRock Advisors (UK) Limited	29-Jun-18	yes	17.75	on mkt buy	AUD	ORD 1,644	1,644
BlackRock Fund Advisors	29-Jun-18	yes	17.75	on mkt buy	AUD	ORD 2,216	2,216
BlackRock Fund Advisors	29-Jun-18	no	n/a	in specie	AUD	ORD 979	979
BlackRock Fund Advisors	02-Jul-18	no	n/a	in specie	AUD	ORD 1,203	1,203
BlackRock Advisors (UK) Limited	03-Jul-18	yes	17.75	on mkt buy	AUD	ORD 1,644	1,644
BlackRock Advisors (UK) Limited	04-Jul-18	yes	17.62	on mkt buy	AUD	ORD 822	822
BlackRock Advisors (UK) Limited	05-Jul-18	yes	17.69	on mkt buy	AUD	ORD 29,516	29,516
BlackRock Fund Advisors	05-Jul-18	yes	17.69	on mkt buy	AUD	ORD 5,789	5,789
BlackRock Japan Co., Ltd.	05-Jul-18	yes	17.69	on mkt buy	AUD	ORD 2,187	2,187
BlackRock Japan Co., Ltd.	05-Jul-18	no	n/a	collateral transfer	AUD	ORD 51	51
BlackRock Advisors (UK) Limited	05-Jul-18	no	n/a	collateral transfer	AUD	ORD 19,893	19,893
BlackRock Investment Management (UK) Limited	05-Jul-18	no	n/a	collateral transfer	AUD	ORD 8,623	8,623
BlackRock Asset Management North Asia Limited	05-Jul-18	no	n/a	collateral transfer	AUD	ORD 15	15
BlackRock Institutional Trust Company, National Association	06-Jul-18	yes	17.77	on mkt buy	AUD	ORD 2,679	2,679
BlackRock (Netherlands) B.V.	06-Jul-18	yes	17.77	on mkt buy	AUD	ORD 607	607

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Fund Advisors	06-Jul-18	yes	17.77	on mkt buy	AUD	ORD 3,331	3,331
BlackRock Fund Advisors	06-Jul-18	no	n/a	in specie	AUD	ORD 802	802
BlackRock Japan Co., Ltd.	06-Jul-18	no	n/a	collateral transfer	AUD	ORD 31,313	31,313
BlackRock Asset Management Canada Limited	09-Jul-18	yes	17.81	on mkt buy	AUD	ORD 8,427	8,427
BlackRock Institutional Trust Company, National Association	09-Jul-18	yes	17.81	on mkt buy	AUD	ORD 33,755	33,755
BlackRock Institutional Trust Company, National Association	09-Jul-18	yes	17.81	on mkt buy	AUD	ORD 6,198	6,198
BlackRock Fund Advisors	09-Jul-18	no	n/a	in specie	AUD	ORD 802	802
BlackRock Advisors (UK) Limited	10-Jul-18	yes	17.89	on mkt buy	AUD	ORD 25,980	25,980
BlackRock Advisors (UK) Limited	10-Jul-18	yes	17.83	on mkt buy	AUD	ORD 288	288
BlackRock Fund Advisors	10-Jul-18	no	n/a	in specie	AUD	ORD 802	802
BlackRock Institutional Trust Company, National Association	10-Jul-18	no	n/a	in specie	AUD	ORD 19,928	19,928
BlackRock Japan Co., Ltd.	10-Jul-18	no	n/a	collateral transfer	AUD	ORD 526	526
BlackRock Advisors (UK) Limited	11-Jul-18	yes	17.89	on mkt buy	AUD	ORD 715	715
BlackRock Financial Management, Inc.	11-Jul-18	no	n/a	collateral transfer	AUD	ORD 323	323
BlackRock Investment Management (UK) Limited	11-Jul-18	no	n/a	collateral transfer	AUD	ORD 193	193
BlackRock Advisors (UK) Limited	12-Jul-18	yes	17.97	on mkt buy	AUD	ORD 1,022	1,022
BlackRock Fund Advisors	12-Jul-18	no	n/a	in specie	AUD	ORD 15,291	15,291
BlackRock Fund Advisors	12-Jul-18	no	n/a	in specie	AUD	ORD 802	802
BlackRock Financial Management, Inc.	12-Jul-18	no	n/a	collateral transfer	AUD	ORD 17,188	17,188
BlackRock Investment Management (UK) Limited	12-Jul-18	no	n/a	collateral transfer	AUD	ORD 8,346	8,346
BlackRock Advisors (UK) Limited	13-Jul-18	yes	17.87	on mkt buy	AUD	ORD 369	369
BlackRock Investment Management (UK) Limited	16-Jul-18	yes	17.77	on mkt buy	AUD	ORD 2,304	2,304
BlackRock Advisors (UK) Limited	16-Jul-18	yes	17.77	on mkt buy	AUD	ORD 151	151
BlackRock Japan Co., Ltd.	16-Jul-18	no	n/a	collateral transfer	AUD	ORD 41	41
BlackRock Investment Management, LLC	16-Jul-18	no	n/a	collateral transfer	AUD	ORD 303	303
BlackRock Asset Management North Asia Limited	16-Jul-18	no	n/a	collateral transfer	AUD	ORD 240	240
BlackRock Japan Co., Ltd.	17-Jul-18	no	n/a	collateral transfer	AUD	ORD 4	4
BlackRock Investment Management, LLC	17-Jul-18	no	n/a	collateral transfer	AUD	ORD 4	4
BlackRock Investment Management (UK) Limited	17-Jul-18	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Fund Advisors	18-Jul-18	yes	17.77	on mkt buy	AUD	ORD 5,632	5,632
BlackRock Japan Co., Ltd.	18-Jul-18	no	n/a	collateral transfer	AUD	ORD 704	704
BlackRock Financial Management, Inc.	18-Jul-18	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Investment Management, LLC	18-Jul-18	no	n/a	collateral transfer	AUD	ORD 5,183	5,183
BlackRock Investment Management (UK) Limited	18-Jul-18	no	n/a	collateral transfer	AUD	ORD 6,519	6,519
BlackRock Asset Management North Asia Limited	18-Jul-18	no	n/a	collateral transfer	AUD	ORD 3,893	3,893
BlackRock Advisors (UK) Limited	20-Jul-18	yes	17.93	on mkt buy	AUD	ORD 832	832
BlackRock Advisors (UK) Limited	20-Jul-18	yes	17.93	on mkt buy	AUD	ORD 122	122
BlackRock Advisors (UK) Limited	20-Jul-18	yes	17.93	on mkt buy	AUD	ORD 369	369
BlackRock Investment Management, LLC	20-Jul-18	yes	17.93	on mkt buy	AUD	ORD 8,354	8,354
BlackRock Fund Advisors	20-Jul-18	no	n/a	in specie	AUD	ORD 401	401
BlackRock Advisors (UK) Limited	23-Jul-18	yes	17.76	on mkt buy	AUD	ORD 369	369
BlackRock Advisors (UK) Limited	23-Jul-18	yes	17.76	on mkt buy	AUD	ORD 1,732	1,732
BlackRock Investment Management (Australia) Limited	23-Jul-18	yes	17.76	on mkt buy	AUD	ORD 9,705	9,705
BlackRock Advisors (UK) Limited	23-Jul-18	no	n/a	collateral transfer	AUD	ORD 23,547	23,547
BlackRock Advisors (UK) Limited	24-Jul-18	yes	17.84	on mkt buy	AUD	ORD 831	831
BlackRock Fund Advisors	24-Jul-18	no	n/a	in specie	AUD	ORD 802	802
BlackRock Investment Management (UK) Limited	26-Jul-18	no	n/a	in specie	AUD	ORD 2,294	2,294
BlackRock Institutional Trust Company, National Association	27-Jul-18	yes	17.67	on mkt buy	AUD	ORD 2,516	2,516

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-Jul-18	yes	17.67	on mkt buy	AUD	ORD 103,946	103,946
BlackRock Financial Management, Inc.	27-Jul-18	yes	17.83	on mkt buy	AUD	ORD 66	66
BlackRock Advisors (UK) Limited	27-Jul-18	yes	17.85	on mkt buy	AUD	ORD 3,464	3,464
BlackRock Advisors (UK) Limited	27-Jul-18	yes	17.85	on mkt buy	AUD	ORD 858	858
BlackRock Advisors (UK) Limited	27-Jul-18	yes	17.85	on mkt buy	AUD	ORD 868	868
BlackRock Fund Advisors	27-Jul-18	yes	17.85	on mkt buy	AUD	ORD 9,607	9,607
BlackRock Investment Management (UK) Limited	27-Jul-18	no	n/a	collateral transfer	AUD	ORD 153,378	153,378

31-Jul-18

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 1 page referred to in form 603 Notice of initial substantial shareholder

Bradley Taylor, Authorised Signatory
Date

31-July-18

Type of agreement:	Global Master Securities Lending Agreement
Parties to agreement:	Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited
Transfer date:	Refer to Annexure B (transactions identified as collateral transfers)
Holder of voting rights:	BlackRock Asset Management North Asia Limited (as investment manager for the funds)
Are there any restrictions on voting rights? If yes, detail	Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights.
Scheduled return date (if any):	Not applicable.
Does the borrower have the right to return early? If yes, detail	Yes. Upon an Event of Default under the GMSLA, the GMSLA provides, broadly, that both parties payment and delivery obligations will be accelerated and replaced with an obligation of one party to pay a single cash sum to the other determined in accordance with the provisions of the GMSLA (as modified by the Annex). The GMSLA provides that the parties' right to terminate the Agreement upon notice will not affect the parties' existing obligations in respect of any outstanding loans of securities. The Annex amended and restricted the Borrower's termination rights – i.e. Borrower may not have the right to terminate and return the borrowed securities - as the Borrower was to borrow the securities issued by it (or its sister company) to provide protection against the insolvency of the issuer and so usual rights of termination in a GMSLA were restricted. Subject to the terms of the relevant Loan, the Borrower, may early terminate a Loan and return Equivalent Securities at any time provided that it "shall cease to have such entitlement if an Act of Insolvency with respect to any Security Issuer or any of the Borrower's or any Security Issuer's affiliates has occurred, or any such person takes any steps preparatory to any of the matters which would constitute an Act of Insolvency
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 this agreement will be provided to Orica Limited or the Australian Securities and Investments Commission upon request.