

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 03 / 09 / 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	18,980,891	18,980,891	5.00

3. Details of relevant interests

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

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

4. Details of present registered holders

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

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

5. Consideration

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

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

6. Associates

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

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

7. Addresses

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

Name	Address
see Annexure C	

Signature

print name Maria Tricarico

capacity Authorised Signatory*

sign here

date 05 / 09 / 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.

05-Sep-18

Maria Tricarico,

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 620,747	620,747	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.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ORD 87,332	87,332	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 25,922	25,922	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 990,800	990,800	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 283,337	283,337	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.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	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	58,127	58,127	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	3,988	3,988	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	4,892,985	4,892,985	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	348,682	348,682	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	4,791,517	4,791,517	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.

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.	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.
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 327,395	327,395	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 51,787	51,787	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 950	950	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 134,734	134,734	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 703,075	703,075	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.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNP PARIBAS LON		ORD	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	281,230	281,230	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.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE 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 302,986	302,986	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.	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 5,924	5,924	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 467,910	467,910	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.

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 responsible entity.	JPM-JPM CHASE - SYDNEY		ORD 757,006	757,006	subsidiary of BlackRock Inc.

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

05-Sep-18

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

ORICA LTD (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 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 Institutional Trust Company, National Association	07-May-18	no	n/a	in specie	AUD	ORD	12,231	12,231
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	149,761	149,761
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

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			Cash	Non-cash	CCY		
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
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

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			Cash	Non-cash	CCY			
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
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	35	35
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

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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
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 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

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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
BlackRock Advisors (UK) Limited	30-Jul-18	no	n/a	collateral transfer	AUD	ORD 7,411	7,411
BlackRock Advisors (UK) Limited	31-Jul-18	yes	17.58	on mkt buy	AUD	ORD 867	867
BlackRock Advisors (UK) Limited	31-Jul-18	yes	17.58	on mkt buy	AUD	ORD 1,734	1,734
BlackRock Advisors (UK) Limited	31-Jul-18	yes	17.58	on mkt buy	AUD	ORD 286	286
BlackRock Fund Advisors	31-Jul-18	no	n/a	in specie	AUD	ORD 651	651
BlackRock Advisors (UK) Limited	31-Jul-18	no	n/a	collateral transfer	AUD	ORD 9,795	9,795
BlackRock Advisors (UK) Limited	01-Aug-18	yes	17.58	on mkt buy	AUD	ORD 19,074	19,074
BlackRock Fund Advisors	01-Aug-18	no	n/a	in specie	AUD	ORD 744	744
BlackRock Advisors (UK) Limited	01-Aug-18	no	n/a	collateral transfer	AUD	ORD 30,720	30,720
BlackRock Fund Advisors	02-Aug-18	no	n/a	in specie	AUD	ORD 4,365	4,365
BlackRock Fund Advisors	02-Aug-18	no	n/a	in specie	AUD	ORD 5,820	5,820
BlackRock Advisors, LLC	02-Aug-18	no	n/a	collateral transfer	AUD	ORD 354	354
BlackRock Japan Co., Ltd.	02-Aug-18	no	n/a	collateral transfer	AUD	ORD 1,620	1,620
BlackRock Advisors (UK) Limited	02-Aug-18	no	n/a	collateral transfer	AUD	ORD 670	670
BlackRock Investment Management, LLC	02-Aug-18	no	n/a	collateral transfer	AUD	ORD 3,801	3,801
BlackRock Investment Management (UK) Limited	02-Aug-18	no	n/a	collateral transfer	AUD	ORD 14,226	14,226
BlackRock Asset Management North Asia Limited	02-Aug-18	no	n/a	collateral transfer	AUD	ORD 499	499
BlackRock Advisors (UK) Limited	03-Aug-18	yes	17.45	on mkt buy	AUD	ORD 750	750
BlackRock Japan Co., Ltd.	03-Aug-18	yes	17.45	on mkt buy	AUD	ORD 299	299
BlackRock Advisors, LLC	03-Aug-18	no	n/a	collateral transfer	AUD	ORD 21	21
BlackRock Financial Management, Inc.	03-Aug-18	no	n/a	collateral transfer	AUD	ORD 1,982	1,982
BlackRock Fund Advisors	06-Aug-18	no	n/a	in specie	AUD	ORD 4,365	4,365
BlackRock Japan Co., Ltd.	06-Aug-18	no	n/a	collateral transfer	AUD	ORD 11,089	11,089
BlackRock Institutional Trust Company, National Association	07-Aug-18	yes	17.53	on mkt buy	AUD	ORD 21,738	21,738
BlackRock Advisors (UK) Limited	07-Aug-18	yes	17.51	on mkt buy	AUD	ORD 24,192	24,192
BlackRock Advisors (UK) Limited	07-Aug-18	yes	17.47	on mkt buy	AUD	ORD 831	831
BlackRock Investment Management (Australia) Limited	08-Aug-18	yes	17.28	on mkt buy	AUD	ORD 28,790	28,790
BlackRock Advisors (UK) Limited	08-Aug-18	yes	17.27	on mkt buy	AUD	ORD 4,234	4,234
BlackRock Advisors (UK) Limited	08-Aug-18	yes	17.27	on mkt buy	AUD	ORD 244	244
BlackRock Financial Management, Inc.	08-Aug-18	yes	17.27	on mkt buy	AUD	ORD 1,053	1,053
BlackRock Institutional Trust Company, National Association	08-Aug-18	yes	17.27	on mkt buy	AUD	ORD 17,122	17,122
BlackRock Fund Advisors	09-Aug-18	no	n/a	in specie	AUD	ORD 930	930
BlackRock Investment Management (UK) Limited	09-Aug-18	no	n/a	in specie	AUD	ORD 3,161	3,161
BlackRock Fund Advisors	10-Aug-18	no	n/a	in specie	AUD	ORD 1,860	1,860
BlackRock Advisors (UK) Limited	10-Aug-18	no	n/a	collateral transfer	AUD	ORD 26,066	26,066
BlackRock Advisors (UK) Limited	13-Aug-18	yes	16.97	on mkt buy	AUD	ORD 5,064	5,064
BlackRock Advisors (UK) Limited	13-Aug-18	no	n/a	collateral transfer	AUD	ORD 17,639	17,639
BlackRock Institutional Trust Company, National Association	14-Aug-18	yes	17.15	on mkt buy	AUD	ORD 3,084	3,084
BlackRock Institutional Trust Company, National Association	15-Aug-18	yes	17.20	on mkt buy	AUD	ORD 39,201	39,201
BlackRock Japan Co., Ltd.	16-Aug-18	yes	17.26	on mkt buy	AUD	ORD 15,218	15,218
BlackRock Investment Management (Australia) Limited	16-Aug-18	yes	17.18	on mkt buy	AUD	ORD 3,045	3,045
BlackRock Fund Advisors	16-Aug-18	no	n/a	in specie	AUD	ORD 802	802
BlackRock Advisors (UK) Limited	17-Aug-18	yes	17.27	on mkt buy	AUD	ORD 1,105	1,105
BlackRock Advisors (UK) Limited	17-Aug-18	no	n/a	collateral transfer	AUD	ORD 62,827	62,827
BlackRock Japan Co., Ltd.	20-Aug-18	no	n/a	collateral transfer	AUD	ORD 5,068	5,068
BlackRock Advisors (UK) Limited	20-Aug-18	no	n/a	collateral transfer	AUD	ORD 2,835	2,835
BlackRock Advisors (UK) Limited	21-Aug-18	yes	17.18	on mkt buy	AUD	ORD 91	91
BlackRock Advisors (UK) Limited	21-Aug-18	yes	17.18	on mkt buy	AUD	ORD 123	123

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	24-Aug-18	no	n/a	collateral transfer	AUD	ORD	10,385	10,385
BlackRock Fund Advisors	28-Aug-18	no	n/a	in specie	AUD	ORD	998	998
BlackRock Advisors (UK) Limited	28-Aug-18	no	n/a	collateral transfer	AUD	ORD	15,655	15,655
BlackRock Japan Co., Ltd.	29-Aug-18	yes	17.61	on mkt buy	AUD	ORD	1,096	1,096
BlackRock Fund Advisors	29-Aug-18	no	n/a	in specie	AUD	ORD	2,998	2,998
BlackRock Fund Advisors	30-Aug-18	yes	17.74	on mkt buy	AUD	ORD	5,676	5,676
BlackRock Japan Co., Ltd.	31-Aug-18	yes	17.59	on mkt buy	AUD	ORD	24,855	24,855
BlackRock International Limited	31-Aug-18	yes	17.59	on mkt buy	AUD	ORD	5,015	5,015
BlackRock Investment Management (UK) Limited	31-Aug-18	no	n/a	collateral transfer	AUD	ORD	79,555	79,555
BlackRock Investment Management (UK) Limited	03-Sep-18	no	n/a	collateral transfer	AUD	ORD	111,205	111,205

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

05-Sep-18

Maria Tricarico,
Authorised Signatory

Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Capital Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

This is Annexure D of 1 page referred to in form 603 Notice of initial substantial shareholder

05-Sept-18
 Maria Tricarico, Authorised Signatory Date

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 LTD or the Australian Securities and Investments Commission upon request.