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 14 /06 /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)	N umber of securities	Person's votes (5)	Voting power (6)
ORD	19,043,454	19,043,454	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	Class and number of securities	
		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:

N ame	Address
see Annexure C	

Signature

print name Bradley Taylor

Capacity Authorised Signatory*

sign here

date 18 / 06 / 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 6718 (4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement, and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.

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

18-Jun-18 Date Bradley Taylor, Authorised Signatory

- Details of Relevant Interests
 Details of present registered holders

4.	Details of present registered	noia
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		l number of urities	Person's votes	Nature of Association
lackRock (Netherlands)	Power to 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
lackRock (Netherlands) .V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	KAS-KAS BANK - AMSTERDAM		ORD	4,998	4,998	subsidiary of BlackRock Inc
lackRock (Netherlands) .V.	investment manager or trustee. Power to 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	49,140	49,140	subsidiary of BlackRock In
lackRock (Singapore) mited	Power to 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
lackRock (Singapore) imited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET SINGAPORE		ORD	4,941	4,941	subsidiary of BlackRock Inc
llackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment represent the trustee.	BNYM-BONY EUROPE - LONDON		ORD	623,429	623,429	subsidiary of BlackRock Inc
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	HSBC-HSBC - LONDON		ORD	3,978	3,978	subsidiary of BlackRock In
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	JPM - J.P. Morgan Zurich		ORD	21,748	21,748	subsidiary of BlackRock In
lackRock Advisors (UK) mited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	JPM-JPM CHASE - LONDON		ORD	272,405	272,405	subsidiary of BlackRock In-
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	NT-NORTHERN TRUST UK		ORD	94,488	94,488	subsidiary of BlackRock In
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	RBC-DEXIA BIL- LONDON		ORD	51,605	51,605	subsidiary of BlackRock In
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	RBC-RBC DEXIA LUXEMBOURG		ORD	18,969	18,969	subsidiary of BlackRock In
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET DUBLIN		ORD	950,252	950,252	subsidiary of BlackRock In
lackRock Advisors (UK) imited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	STATE STREET BANK, MUNICH, ZURICH		ORD	7,581	7,581	subsidiary o BlackRock In
lackRock Advisors, LLC	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	BRANCH JPM-JP MORGAN CHASE - NEW YORK		ORD	24,876	24,876	subsidiary o BlackRock In
BlackRock Advisors, LLC	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET MUTUAL FUNDS -		ORD	306,475	306,475	subsidiary o BlackRock In
lackRock Asset fanagement Canada	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	NT-NORTHERN TRUST CO CHICAGO		ORD	17,883	17,883	subsidiary o BlackRock In
imited lackRock Asset lanagement Canada	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	RBC-ROYAL TRUST - TORONTO		ORD	1,922	1,922	subsidiary o BlackRock In
imited lackRock Asset lanagement Canada	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-SSB NEW YORK INSTITUTIONAL		ORD	8,703	8,703	subsidiary o
imited lackRock Asset lanagement Canada	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET SACRAMENTO		ORD	190,758	190,758	subsidiary o
imited BlackRock Asset Management North Asia	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	CITI-CITIBANK, HONG KONG		ORD	608	608	subsidiary o BlackRock In
imited BlackRock Asset Management North Asia	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	HSBC-HSBC, HONG KONG		ORD	1,863	1,863	subsidiary o BlackRock In
imited lackRock Asset lanagement North Asia	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	Northern Trust Singapore		ORD	524	524	subsidiary o
imited BlackRock Financial Management, Inc.	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	BBH-BROWN BROTHERS HARRIMAN & CO - NEW		ORD	10,305	10,305	subsidiary o
BlackRock Financial	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	YORK BNYM-THE BANK OF NEW YORK		ORD	20,990	20,990	subsidiary o
lackRock Financial	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	JPM-JP MORGAN CHASE - NEW YORK		ORD	48,063	48,063	subsidiary o BlackRock In
BlackRock Financial Management, Inc.	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	NT-NORTHERN TRUST UK		ORD	57,074	57,074	subsidiary o
BlackRock Financial	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-SSB NEW YORK		ORD	9,014	9,014	subsidiary o
BlackRock Financial Management, Inc.	rivestment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STATE HONG KONG		ORD	2,288	2,288	subsidiary o
Management, Inc.	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET BANK & TRUST		ORD	2,944	2,944	subsidiary o
BlackRock Fund Advisors	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	TORONTO SSB-SSB NEW YORK INSTITUTIONAL		ORD	16,031	16,031	subsidiary o
BlackRock Fund Advisors	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET BANK, BOSTON		ORD	53,749	53,749	subsidiary o
lackRock Fund Advisors	recurrings and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET MUTUAL FUNDS -		ORD	17,936	17,936	subsidiary o
lackRock Fund Advisors	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	BOSTON SSB-STATE STREET SACRAMENTO		ORD	5,043,014	5,043,014	subsidiary of
lackRock Institutional rust Company, National	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	BNYM-THE BANK OF NEW YORK		ORD	333,327	333,327	subsidiary o
ssociation lackRock Institutional	investment manager or trustee. Power to control the exercise of a right to vote attached to	JPM-JP MORGAN CHASE		ORD	738,511	738,511	subsidiary o
rust Company, National	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the appropriate increase of acquirities and	NT-NORTHERN TRUST		ORD	129,253	129,253	Subsidiary o
rust Company, National association	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	CO CHICAGO RBC-ROYAL TRUST -		ORD	3,987	3,987	BlackRock In
Frust Company, National Association	securities and/or the power to dispose of securities as investment manager or trustee.	TORONTO					BlackRock In

Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder		I number of urities	Person's votes	Nature of Association
lackRock Institutional rust Company, National ssociation	Power to 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	9,207	9,207	subsidiary of BlackRock In
lackRock Institutional rust Company, National ssociation	Power to 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	340,251	340,251	subsidiary of BlackRock In
lackRock Institutional rust Company, National	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STATE HONG KONG		ORD	124,721	124,721	subsidiary o BlackRock In
ssociation lackRock Institutional rust Company, National	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET BANK, BOSTON		ORD	15,708	15,708	subsidiary of BlackRock In
ssociation lackRock Institutional rust Company, National	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STREET SACRAMENTO		ORD	3,922,804	3,922,804	subsidiary of BlackRock In
ssociation lackRock International mited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	JPM-JP MORGAN CHASE - NEW YORK		ORD	19,402	19,402	subsidiary o BlackRock In
lackRock International mited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	NT-NORTHERN TRUST UK		ORD	129,719	129,719	subsidiary o BlackRock In
ackRock Investment anagement (Australia)	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	HSBC-HSBC SYDNEY		ORD	245,748	245,748	subsidiary o BlackRock In
mited ackRock Investment anagement (Australia)	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	JPM-JPM CHASE - SYDNEY		ORD	3,878	3,878	subsidiary o
mited ackRock Investment	investment manager or trustee. Power to control the exercise of a right to vote attached to	NAB-NATIONAL		ORD	804,094	804,094	subsidiary o
anagement (Australia) mited ackRock Investment	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	AUSTRALIA BANK LIMITED - MELBOURNE Northern Trust Singapore		ORD	244,462	244,462	BlackRock In subsidiary o
lanagement (Australia) mited lackRock Investment	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	AP7		ORD	112,482	112,482	BlackRock In
	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to			ORD	19,625	19,625	BlackRock In subsidiary of
lanagement (UK) Limited	securities and/or the power to dispose of securities as investment manager or trustee.	BNP PARIBAS LUX		ORD			BlackRock In
anagement (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.				2,426	2,426	BlackRock In
	Power to 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 o BlackRock In
ackRock Investment anagement (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	163,018	163,018	subsidiary o BlackRock In
ackRock Investment anagement (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 o BlackRock In
ackRock Investment anagement (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 o BlackRock In
ackRock Investment anagement (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 o BlackRock In
ackRock Investment anagement (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	JPM-JP MORGAN CHASE - NEW YORK		ORD	21,840	21,840	subsidiary o BlackRock In
ackRock Investment anagement (UK) Limited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	KAS-KAS BANK - AMSTERDAM		ORD	145,742	145,742	subsidiary o BlackRock In
ackRock Investment anagement (UK) Limited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	NT-NORTHERN TRUST CO CHICAGO		ORD	25,372	25,372	subsidiary o BlackRock In
ackRock Investment anagement (UK) Limited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	NT-NORTHERN TRUST UK		ORD	281,119	281,119	subsidiary o BlackRock In
ackRock Investment anagement (UK) Limited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	PICT-PICTET & CIE		ORD	1,690	1,690	subsidiary o BlackRock In
ackRock Investment anagement (UK) Limited	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SEB-SKANDINAVISKA ENSKILDA BANKEN		ORD	15,872	15,872	subsidiary o BlackRock In
ackRock Investment	investment manager or trustee. Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as	SSB-STATE STATE HONG KONG		ORD	16,049	16,049	subsidiary o BlackRock In
ackRock Investment	investment manager or trustee. Power to control the exercise of a right to vote attached to	SSB-STATE STREET		ORD	86,444	86,444	subsidiary o
ackRock Investment	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	SSB-STATE STREET		ORD	26,648	26,648	BlackRock In
ackRock Investment	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	SSB-STATE STREET		ORD	235,436	235,436	BlackRock In subsidiary of
anagement (UK) Limited ackRock Investment	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	BNYM-THE BANK OF		ORD	239,697	239,697	BlackRock In subsidiary o
lanagement, LLC	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	NEW YORK JPM-JP MORGAN CHASE		ORD	237,536	237,536	BlackRock In subsidiary of
anagement, LLC	securities and/or the power to dispose of securities as investment manager or trustee. Power to control the exercise of a right to vote attached to	- NEW YORK		ORD	9,107	9,107	BlackRock In
lanagement, LLC	securities and/or the power to dispose of securities as investment manager or trustee.	MUTUAL FUNDS - BOSTON					BlackRock In
ackRock Investment anagement, 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 o BlackRock In
	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HARRIMAN & CO - NEW YORK		ORD	5,205	5,205	subsidiary of BlackRock In
ackRock 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	426,644	426,644	subsidiary o BlackRock In
ackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-State Street Bank And Trust Co.		ORD	120,726	120,726	subsidiary o BlackRock In
ackRock 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	SSB-STATE STREET BANK, BOSTON		ORD	5,741	5,741	subsidiary o BlackRock In
ackRock Investment anagement (Australia) mited	investment manager or trustee. 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 o BlackRock In
lackRock Investment lanagement (Australia) imited	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 In
lackRock Investment fanagement (Australia)	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in	JPM-JPM CHASE - SYDNEY		ORD	768,305	768,305	subsidiary of BlackRock In

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18-Jun-18 **Date**

Bradley Taylor, Authorised Signatory

5. Consideration

	OR	ICA LIMI	TED (OR	ll)				
			Cons	ideration				Person's
Holder of Relevant Interest	Date of Acquisition on a prescribed		Cash	Non-cash	CCY		I number of es affected	votes affected
BlackRock Advisors (UK) Limited	15-Feb-18	yes	18.36	on mkt buy	AUD	ORD	827	827
BlackRock Fund Advisors	15-Feb-18	no	n/a	in specie	AUD	ORD	230	230
BlackRock Advisors (UK) Limited	16-Feb-18	yes	18.57	on mkt buy	AUD	ORD	710	710
BlackRock Advisors (UK) Limited BlackRock Fund Advisors	16-Feb-18 16-Feb-18	yes no	18.57 n/a	on mkt buy in specie	AUD	ORD ORD	264 1,755	264 1,755
BlackRock Investment Management (UK)	16-Feb-18	no	n/a	collateral	USD	ADR	82	82
BlackRock Advisors (UK) Limited	20-Feb-18	yes	18.94	on mkt buy	AUD	ORD	1,522	1,522
BlackRock Advisors (UK) Limited	20-Feb-18	yes	18.96	on mkt buy	AUD	ORD	710	710
BlackRock Advisors (UK) Limited	20-Feb-18	yes	18.96	on mkt buy	AUD	ORD	710	710
BlackRock Advisors (UK) Limited	20-Feb-18	yes	18.96	on mkt buy	AUD	ORD	528	528
BlackRock (Singapore) Limited	20-Feb-18	yes	18.96	on mkt buy	AUD	ORD	2,915	2,915
BlackRock Fund Advisors	20-Feb-18	no	n/a	in specie	AUD	ORD	433	433
BlackRock Japan Co., Ltd. BlackRock Investment Management (Australia)	20-Feb-18 21-Feb-18	no	n/a 18.90	collateral on mkt buy	USD	ADR ORD	75 9,886	75 9,886
BlackRock Japan Co., Ltd.	21-Feb-18	yes	18.89	on mkt buy	AUD	ORD	1,989	1,989
BlackRock Fund Advisors	21-Feb-18	no	n/a	in specie	AUD	ORD	7,952	7,952
BlackRock Fund Advisors	21-Feb-18	no	n/a	in specie	AUD	ORD	1,732	1,732
BlackRock Investment Management, LLC	21-Feb-18	no	n/a	collateral	USD	ADR	81	81
BlackRock Japan Co., Ltd.	22-Feb-18	no	n/a	collateral	USD	ADR	74	74
BlackRock Advisors (UK) Limited	23-Feb-18	yes	18.78	on mkt buy	AUD	ORD	2,283	2,283
BlackRock Fund Advisors	23-Feb-18	no	n/a	in specie	AUD	ORD	546	546
BlackRock Japan Co., Ltd.	23-Feb-18	no	n/a	collateral	USD	ADR	74	74
BlackRock Investment Management (Australia)	26-Feb-18	yes	18.67	on mkt buy	AUD	ORD	3,496	3,496
BlackRock Advisors (UK) Limited	26-Feb-18	yes	18.67	on mkt buy	AUD	ORD	2,283	2,283
BlackRock Fund Advisors BlackRock Fund Advisors	26-Feb-18 26-Feb-18	no	n/a n/a	in specie	AUD	ORD ORD	3,367	616 3,367
BlackRock Advisors (UK) Limited	27-Feb-18	no ves	18.65	in specie on mkt buy	AUD	ORD	762	762
BlackRock Advisors (UK) Limited	27-Feb-18	ves	18.65	on mkt buy	AUD	ORD	969	969
BlackRock Institutional Trust Company, National	27-Feb-18	yes	18.65	on mkt buy	AUD	ORD	1,625	1,625
BlackRock Fund Advisors	27-Feb-18	no	n/a	in specie	AUD	ORD	616	616
BlackRock Fund Advisors	27-Feb-18	no	n/a	in specie	AUD	ORD	1,988	1,988
BlackRock Fund Advisors	27-Feb-18	no	n/a	in specie	AUD	ORD	7,668	7,668
BlackRock Investment Management (UK)	27-Feb-18	no	n/a	collateral	USD	ADR	74	74
BlackRock Investment Management (Australia)	28-Feb-18	yes	18.66	on mkt buy	AUD	ORD	27,258	27,258
BlackRock Investment Management (Australia) BlackRock Investment Management (Australia)	28-Feb-18 28-Feb-18	yes	18.65 18.65	on mkt buy on mkt buy	AUD	ORD ORD	2,746 2,926	2,746 2,926
BlackRock Fund Advisors	28-Feb-18	yes no	n/a	in specie	AUD	ORD	1,232	1,232
BlackRock Institutional Trust Company, National	28-Feb-18	no	n/a	in specie	AUD	ORD	12,015	12,015
BlackRock Investment Management, LLC	01-Mar-18	yes	18.00	on mkt buy	AUD	ORD	1,460	1,460
BlackRock Fund Advisors	01-Mar-18	no	n/a	in specie	AUD	ORD	433	433
BlackRock Fund Advisors	02-Mar-18	no	n/a	in specie	AUD	ORD	616	616
BlackRock Fund Advisors	02-Mar-18	no	n/a	in specie	AUD	ORD	1,299	1,299
BlackRock Fund Advisors	02-Mar-18	no	n/a	in specie	AUD	ORD	1,007	1,007
BlackRock Fund Advisors	02-Mar-18	no	n/a	in specie	AUD	ORD	2,014	2,014
BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	02-Mar-18 02-Mar-18	no	n/a n/a	collateral collateral	USD AUD	ADR ORD	73 583,794	73 583,794
BlackRock Financial Management, Inc.	02-Mar-18	no no	n/a	collateral	AUD	ORD	137	137
BlackRock Investment Management (UK)	02-Mar-18	no	n/a	collateral	AUD	ORD	3,900	3,900
BlackRock Investment Management (Australia)	05-Mar-18	yes	17.99	on mkt buy	AUD	ORD	2,831	2,831
BlackRock Fund Advisors	05-Mar-18	no	n/a	in specie	AUD	ORD	1,092	1,092
BlackRock Fund Advisors	05-Mar-18	no	n/a	in specie	AUD	ORD	5,680	5,680
BlackRock Investment Management (UK)	05-Mar-18	no	n/a	collateral	USD	ADR	73	73
BlackRock Investment Management (UK)	06-Mar-18	yes	18.14	on mkt buy	AUD	ORD	3,484	3,484
BlackRock Advisors (UK) Limited	06-Mar-18	yes	18.31	on mkt buy	AUD	ORD	970	970
BlackRock Advisors	06-Mar-18 06-Mar-18	no	n/a	in specie	AUD	ORD ORD	7,100 9,925	7,100 9,925
BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	06-Mar-18 07-Mar-18	no yes	n/a 18.15	collateral on mkt buy	AUD	ORD	9,925 1,524	9,925 1,524
BlackRock Fund Advisors	07-Mar-18	no	n/a	in specie	AUD	ORD	5,680	5,680
BlackRock Fund Advisors	07-Mar-18	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Fund Advisors	07-Mar-18	no	n/a	in specie	AUD	ORD	1,007	1,007
BlackRock Investment Management (Australia)	08-Mar-18	yes	18.24	on mkt buy	AUD	ORD	1,575	1,575
BlackRock Asset Management Canada Limited	08-Mar-18	yes	18.24	on mkt buy	AUD	ORD	18,620	18,620

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Description Processing Process Process				Cons	ideration				Person's	
BlackRock Fund Advisors	Holder of Relevant Interest	•		-		CCY			votes	
BlackRock Fund Advisors Mary March Mar	BlackRock Advisors, LLC	08-Mar-18	yes	18.24	on mkt buy	AUD	ORD	38,768	38,768	
BlackRock Advisors GAMari 18 no n'ris in specie AUD ORD 1,930	BlackRock Fund Advisors	08-Mar-18	no	n/a	in specie	AUD	ORD	5,112	5,112	
BlackRock Advisors (JK) Limited	BlackRock Fund Advisors	08-Mar-18	no	n/a	in specie	AUD	ORD	37,488	37,488	
BlackRock Furul Ankforors										
BlackRock Advisors (UK) Limited	,									
BlackRock Advisors (UK) Limited					•					
BlackRock Advisors (UK) Limited										
BlackRock Advisors (UK) Limited								•		
BlackRock Advisors (UK) Limited										
BlackRock Arvierors (UK) Limited 13-Mar-18 yes 18.76 on mix buy AUD ORD 7.76	,									
BlackRock Investment Management (Australia) 13-Mar-18 yes 18-76 on mix buy AUD ORD 2,783 2,783 BlackRock Advisors (UK) Umited 14-Mar-18 yes 18.60 on mix buy AUD ORD 162										
BlackRock Fund Advisions	` ,			18.78						
BlackRock Advisors (UK) Limited		13-Mar-18		n/a		AUD	ORD	8,520	8,520	
BlackRock Advisors (UK) Limited 14-Mari-18 no	BlackRock Advisors (UK) Limited	14-Mar-18	yes	18.60	on mkt buy	AUD	ORD	162	162	
BlackRock Advisors (UK) Limited 16-Mar-18 yes 18.44 on mix buy AUD ORD 764 764 164	BlackRock Fund Advisors		no	n/a	in specie	AUD	ORD	2,840	2,840	
BlackRock Advisors (UK) Limited 15-Mar-18 vss 18.44 cn mkt buy AUD ORD 16.2 1	BlackRock Advisors (UK) Limited	14-Mar-18	no	n/a	collateral	AUD	ORD	479,793	479,793	
BlackRock Fund Advisors	BlackRock Advisors (UK) Limited		yes	18.44	on mkt buy	AUD		764	764	
BlackRock Jangan Co, Ltd.			yes							
BlackRock Investment Management (UK)										
BlackRock Investment Management (Justralia) 15-Mar-18 no n/a collateral USD ADR 2.345 2.345 BlackRock Institutional Trust Company, National 16-Mar-18 yes 18.30 omits tuy AUD ORD 2.345 2.345 BlackRock Advisors (UK) Limited 16-Mar-18 no n/a collateral AUD ORD 0.1616 616 BlackRock Advisors (UK) Limited 18-Mar-18 no n/a collateral AUD ORD 0.1628 0.2880					•					
BlackRock Investment Management (Australia) 16-Mar-18 yes 18.30 on mixt buy AUD ORD 2.345 2.34										
BlackRock Audwors (UK) Limited 16-Mar-18 ves 18-30 omk buy AUD ORD 14-309 14-309 18-308 18-BlackRock Audwors (UK) Limited 16-Mar-18 no n/a collateral AUD ORD 616 61										
BlackRock Fund Advisors (UR) Limited 16-Mart-18 no n/a collaterial AUD ORD 62,880 62,880 BlackRock Advisors (UR) Limited 16-Mart-18 no n/a collaterial AUD ORD 62,880 62,880 BlackRock Advisors (UR) Limited 19-Mart-18 no n/a collaterial AUD ORD 114,060 114,064 114,0	• , ,									
BlackRock Advisors (UK) Limited 16-Mart-18 no n/a collateral USD ARR 68 68 68 68 68 68 68 68	1 27									
BlackRock Advisors (UK) Limited 19-Mar-18 no										
BlackRock Advisors (UK) Limited 19-Mar-18 no								•		
BlackRock Advisors (UK) Limited 19-Mar-18 yes 18.48 on mit buy AUD ORD 1.528 1.528 1.528 BlackRock Advisors (UK) Limited 20-Mar-18 yes 18.48 on mit buy AUD ORD 973	` ,									
BlackRock Advisors (UK) Limited 20-Mar-18 yes 18.48 on mit buy AUD ORD 15.28 15.28	,							•		
BlackRock Advisors (UK) Limited	,							<u> </u>		
BlackRock Fund Advisors 20-Mart-18 no n/a in specie AUD ORD 616	, ,							•		
BlackRock Advisors (UK) Limited				n/a						
BlackRock Advisors (UK) Limited	BlackRock Advisors (UK) Limited	21-Mar-18	yes	18.46	on mkt buy	AUD	ORD	764	764	
BlackRock Advisors (UK) Limited	BlackRock Advisors (UK) Limited	21-Mar-18	yes	18.46	on mkt buy	AUD	ORD	2,292	2,292	
BlackRock Advisors (UK) Limited	BlackRock Advisors (UK) Limited	21-Mar-18	yes	18.46	on mkt buy	AUD	ORD	1,528	1,528	
BlackRock Advisors (UK) Limited	BlackRock Advisors (UK) Limited		yes	18.47	on mkt buy					
BlackRock Financial Management, Inc. 23-Mar-18 yes 18.05 on mkt buy AUD ORD 1,425 1,425 1,425 BlackRock Advisors (UK) Limited 23-Mar-18 no n/a in specie AUD ORD 927	,		no					62,836	62,836	
BlackRock Advisors (UK) Limited 23-Mar-18 yes 18.07 on mkt buy AUD ORD 130	. ,									
BlackRock Investment Management (UK)										
BlackRock Investment Management (UK)	, ,									
BlackRock Advisors (UK) Limited 23-Mar-18 yes 18.08 on mkt buy AUD ORD 32,359 32,359 BlackRock Investment Management (Australia) 27-Mar-18 yes 18.08 on mkt buy AUD ORD 1,363 1,363 BlackRock Investment Management (UK) 27-Mar-18 yes 18.11 on mkt buy AUD ORD 1,363 1,363 BlackRock Advisors (UK) Limited 28-Mar-18 no n/a collateral AUD ORD 1,363 1,363 BlackRock Advisors (UK) Limited 28-Mar-18 no n/a collateral AUD ORD 5,213 5,213 5,213 BlackRock Advisors (UK) Limited 28-Mar-18 no n/a collateral AUD ORD 763 763 763 634 644 644 644 644 644 644 644 644 644 644 644 644 644 644 644 644 644 645 644										
BlackRock Investment Management (Australia) 27-Mar-18 yes 18.08 on mkt buy AUD ORD 5,314 5,314					•			•		
BlackRock Advisors (UK) Limited 28-Mar-18 no	, ,							•		
BlackRock Advisors (UK) Limited 28-Mar-18 yes 18.11 on mkt buy AUD ORD 5,213 5,213 BlackRock Advisors (UK) Limited 28-Mar-18 no n/a collateral AUD ORD 164,642 1										
BlackRock Advisors (UK) Limited 28-Mar-18 no n/a collateral AUD ORD 164,642 164,642 BlackRock Advisors (UK) Limited 29-Mar-18 yes 17.76 on mkt buy AUD ORD 763 763 763 Available (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 973 973 973 BlackRock Investment Management (Australia) 29-Mar-18 yes 17.76 on mkt buy AUD ORD 2,138 2,138 BlackRock Investment Management (Australia) 29-Mar-18 yes 17.76 on mkt buy AUD ORD 2,138 2,138 BlackRock Investment Management (Australia) 29-Mar-18 no n/a in specie AUD ORD 1,820										
BlackRock Advisors (UK) Limited			-							
BlackRock Advisors (UK) Limited										
BlackRock Advisors (UK) Limited										
BlackRock Fund Advisors 29-Mar-18 no n/a in specie AUD ORD 1,820 1,820	BlackRock Advisors (UK) Limited		-	17.76	on mkt buy			•		
BlackRock Institutional Trust Company, National 29-Mar-18 no n/a in specie AUD ORD 22,274 22,274	BlackRock Investment Management (Australia)	29-Mar-18	yes	17.76	on mkt buy	AUD	ORD	2,138	2,138	
BlackRock Japan Co., Ltd. 29-Mar-18 no n/a collateral USD ADR 58 58	BlackRock Fund Advisors	29-Mar-18	no	n/a	in specie	AUD	ORD	1,820	1,820	
BlackRock Advisors (UK) Limited 30-Mar-18 no n/a collateral USD ADR 58 58	BlackRock Institutional Trust Company, National		no	n/a	in specie	AUD	ORD	22,274	22,274	
BlackRock Institutional Trust Company, National 03-Apr-18 yes 17.89 on mkt buy AUD ORD 4,305 4,305 BlackRock Institutional Trust Company, National 03-Apr-18 yes 17.89 on mkt buy AUD ORD 3,076 3,076 BlackRock Institutional Trust Company, National 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 16,240 16,240 BlackRock Fund Advisors 03-Apr-18 no n/a collateral USD ADR 10 10 BlackRock Investment Management, Inc. 03-Apr-18 no n/a collateral USD ADR 10 10 BlackRock Investment Management (UK) 03-Apr-18 no n/a collateral USD ADR 49 49 BlackRock Advisors (UK) Limited 04-Apr-18 yes 17.75 on mkt buy AUD ORD 973 973 BlackRock Advisors (UK) Limited <td></td> <td></td> <td>no</td> <td>n/a</td> <td></td> <td></td> <td></td> <td></td> <td></td>			no	n/a						
BlackRock Institutional Trust Company, National 03-Apr-18 yes 17.89 on mkt buy AUD ORD 3,076 3,076 BlackRock Institutional Trust Company, National 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 Financial Management, Inc. 03-Apr-18 no n/a collateral USD ADR 10 10 BlackRock Investment Management (UK) 03-Apr-18 no n/a collateral USD ADR 49 49 BlackRock Investment Management (UK) 03-Apr-18 no n/a collateral USD ADR 49 49 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) Limi			no							
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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 04-Apr-18 no n/a collateral USD ADR 60 60 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 collateral AUD ORD 2,830 2,830 BlackRock Advisors (UK) Limited 05-Apr-18 no n/a collateral 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 1,118										
BlackRock Advisors (UK) Limited 04-Apr-18 yes 17.75 on mkt buy AUD ORD 416 416 BlackRock Advisors (UK) Limited 04-Apr-18 no n/a collateral USD ADR 60 60 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 collateral AUD ORD 2,830 2,830 BlackRock Advisors (UK) Limited 05-Apr-18 no n/a collateral 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 1,658 858 BlackRock I										
BlackRock Advisors (UK) Limited 04-Apr-18 no n/a collateral USD ADR 60 60 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 (UK) Limited 05-Apr-18 no n/a collateral AUD ORD 2,830 2,830 BlackRock Advisors (UK) Limited 05-Apr-18 yes 17.77 on mkt buy AUD ORD 110,864 110,864 BlackRock Advisors (UK) Limited 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) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>										
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 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) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60		•								
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 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) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60	, ,	•								
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 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) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60										
BlackRock Advisors (UK) Limited 05-Apr-18 no n/a collateral 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) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60										
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) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60		•			•			•		
BlackRock Advisors (UK) Limited 06-Apr-18 yes 17.80 on mkt buy AUD ORD 858 858 BlackRock Investment Management (Australia) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60										
BlackRock Investment Management (Australia) 06-Apr-18 yes 17.80 on mkt buy AUD ORD 1,658 1,658 BlackRock Japan Co., Ltd. 06-Apr-18 no n/a collateral USD ADR 60 60										
		06-Apr-18	-	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 Japan Co., Ltd.	06-Apr-18	no	n/a	collateral	USD		60		
	BlackRock Advisors (UK) Limited	09-Apr-18	no	n/a	in specie	AUD	ORD	5,213	5,213	

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Modes of Relevant Interest Del Pope	-			Consi	Consideration				Person's
BlackRock Advisors (UK) Limited 00-April 8 00	Holder of Relevant Interest	•		-		CCY			votes
BlackRock Anderson (UK) Limited 10-April 8 yes 18.64 on mix buy AUD ORD 3,790	BlackRock Advisors (UK) Limited	09-Apr-18	no	n/a	collateral	AUD	ORD	17,018	17,018
BlackRook Investment Management (Australia) 10-April 19 no nia in specia AUD ORD 2,830	BlackRock Advisors (UK) Limited	09-Apr-18	no	n/a	collateral	USD	ADR	62	62
BlackRock Intelligenced Trust Company, National 10-Apr-18 no nis in specie AUD ORD 7,110 7,110		•	yes						
BlackRock Institutional Treat Company, National 10-April 8 no n/a in specie AUD ORD 3,155 3,62									
BlackRock Institutional Trust Company, National 10-Apr-18 no n\(n\) n\(•			•				
BlackRock Institutional Trust Company, National 10-Apr-18 no n/n colisteral AUD ORD 5.258 5.258 6.3268 blackRock Investment Management (LIK) 10-Apr-18 no n/n colisteral AUD ORD 3.0597 3		•							
Black-Rock Investment Management (UK)									
BlackRock Investment Management (IKI)	1 7	<u> </u>							
BlackRock Advisors (UK) Limited	5 ,	•							
BlackRock Advisors (UK) Limited 12-April 8 yes 16.54 on mix buy AUD ORD 133 333 338									
BlackRock Anvisors (UK) Limited	BlackRock Advisors (UK) Limited	11-Apr-18	no	n/a	collateral	USD	ADR	63	63
BlackRock Investment Management (UK)	BlackRock Advisors (UK) Limited		yes	18.54	on mkt buy	AUD			
BlackRock Fund Advisors 12-Apr-18 yes 18-54 on mixt buy AUD ORD 3,633 3,633 3,633 BlackRock Jagnan Co., Ltd. 12-Apr-18 no n/a collateral AUD ORD 7,527 7,272 3,632 3,633 3,6									
BlackRock Agringment Co. Ltd. 12-Apr-18 yes 18.54 on mix buy AUD ORD 1.922 1.522 BlackRock Agringment Co. Ltd. 12-Apr-18 yes 18.71 on mix buy AUD ORD 324 324 BlackRock Agringment (Ltd. 13-Apr-18 yes 18.71 on mix buy AUD ORD 324 324 BlackRock Japan Co., Ltd. 13-Apr-18 no n/a collisteral USD ADR 1 1 BlackRock Japan Co., Ltd. 13-Apr-18 no n/a collisteral USD ADR 1 1 BlackRock Agringment (Ltd. 13-Apr-18 no n/a collisteral USD ADR 1 1 BlackRock Investment Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 1 1 BlackRock investment Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 11 11 BlackRock investment Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 11 11 BlackRock Agringment (Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 11 11 BlackRock Agringment (Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 11 11 BlackRock Agringment (Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 14 4 BlackRock Agringment (Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 14 4 BlackRock Agringment (Management (Ltd. 13-Apr-18 no n/a collisteral USD ADR 14 4 4 4 4 4 4 4 4	- · · · · · · · · · · · · · · · · · · ·	<u>'</u>							
BlackRock Japan Co., Ltd.									
BlackRock Advisors (UK) Limited 13-Apr-18 yes 18.71 on mix buy AUD ORD 324 324 BlackRock Japan Co, Ltd. 13-Apr-18 no n/a colleteral USD ADR 1 1 BlackRock Japan Co, Ltd. 13-Apr-18 no n/a colleteral USD ADR 1 1 BlackRock Advisors (UK) Limited 13-Apr-18 no n/a colleteral USD ADR 1 1 BlackRock Advisors (UK) Limited 13-Apr-18 no n/a colleteral USD ADR 11 11 11 11 BlackRock Investment Management (UK) 13-Apr-18 no n/a colleteral USD ADR 11 11 11 11 11 11 11									
BlackRock Advisors (UK) Limited 13-April 8 ves 18.71 on mix buly AUD ORD 262 282		<u>'</u>							
BlackRock Japan Co., Ltd.									
BlackRock Ardvisors (UK) Limited 13-Apr-18 no n/a collateral USD ADR 11 11 11 11 11 11 11	. ,								
BlackRock Investment Management (UK)		•							
BlackRock Asset Management North Asia 13-Apr-18 no n/s collateral USD ADR 4 4 4 4 4 4 4 4 4				n/a				•	
BlackRock Advisors (UK) Limited 16-Apr-18 yes 18.80 on mkt buy AUD ORD 763 763 763 818-80krock Fund Advisors 16-Apr-18 yes 18.80 on mkt buy AUD ORD 5.550 5.550 5.550 818-8krock Fund Advisors 16-Apr-18 yes 18.80 on mkt buy AUD ORD 2.089 2.089 818-8krock Fund Advisors 16-Apr-18 yes 18.80 on mkt buy AUD ORD 2.089 2.089 818-8krock Advisors (UK) Limited 17-Apr-18 yes 18.83 on mkt buy AUD ORD 1.526	BlackRock Investment Management (UK)	13-Apr-18	no	n/a	collateral	USD	ADR	48	48
BlackRock Advisors (UK) Limited 16-Apr-18 yes 18.80 on mkt buy AUD ORD 5.55 5.555 5.558 BlackRock investment Management (Australia) 16-Apr-18 yes 18.80 on mkt buy AUD ORD 5.56 5.558 BlackRock Advisors (UK) Limited 17-Apr-18 yes 18.80 on mkt buy AUD ORD 2.089 2.089 2.089 BlackRock Fund Advisors 17-Apr-18 yes 18.83 on mkt buy AUD ORD 2.089 2.089 2.089 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 9.595 9.595 9.595 BlackRock Advisors (UK) Limited 17-Apr-18 no n/a collateral AUD ORD 9.720 9.722 9.722 BlackRock Advisors (UK) Limited 17-Apr-18 no n/a collateral USD ADR 64 64 64 64 64 64 64 6	BlackRock Asset Management North Asia	13-Apr-18	no	n/a	collateral	USD	ADR	4	4
BlackRock Fund Advisors			yes						
BlackRock Arkwisors (UK) Limited 17-Apri-18 yes 18.80 on mit buy AUD ORD 2.089 2.089 2.089 1.526 1.5		<u> </u>							
BlackRock Advisors (UK) Limited									
BlackRock Fund Advisors									
BlackRock Fund Advisors 17-Apri-18 yes 18.83 on mkt buy AUD ORD 3,120									
BlackRock Advisors (UK) Limited		•			•				
BlackRock Advisors (UK) Limited									
BlackRock Japan Co., Ltd.									
BlackRock Investment Management, LLC 20-Apr-18 yes 19.08 on mixt buy AUD ORD 7.402 7.402 New 19.08 on mixt buy AUD ORD 1,809	, ,	•	no	n/a	collateral	USD	ADR	64	64
BlackRock Investment Management, ILC 20-Apr-18 yes 19.08 on mixt buy AUD ORD 1,809 1,809 BlackRock Financial Management, IuC 20-Apr-18 yes 19.08 on mixt buy AUD ORD 650	BlackRock Advisors (UK) Limited	19-Apr-18	yes	18.93	on mkt buy	AUD	ORD	6,104	6,104
BlackRock Investment Management, Inc. 20-Apr-18 yes 19.08 on mixt buy AUD ORD 650 650 BlackRock Advisors (UK) Limited 23-Apr-18 yes 19.00 on mixt buy AUD ORD 22,89 22,89 BlackRock Advisors (UK) Limited 23-Apr-18 yes 19.00 on mixt buy AUD ORD 2,289 2,289 BlackRock Advisors (UK) Limited 23-Apr-18 yes 19.00 on mixt buy AUD ORD 2,289 2,289 BlackRock Investment Management (UK) 23-Apr-18 yes 19.00 on mixt buy AUD ORD 763	• ,	<u>'</u>	no						
BlackRock Investment Management (UK)	5	<u> </u>							
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 76									
BlackRock Advisors (UK) Limited 23-Apr-18 yes 19.03 on mkt buy AUD ORD 763 763 763 BlackRock Fund Advisors 23-Apr-18 no n/a in specie AUD ORD 2,300 2,300 2,300 BlackRock Fund Advisors 23-Apr-18 no n/a in specie AUD ORD 5,700 5,700 5,700 5,700 BlackRock Fund Advisors 23-Apr-18 no n/a in specie AUD ORD 10,830 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 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 on specie AUD ORD 11,400 11,400 BlackRock Japan Co., Ltd. 24-Apr-18 no n/a collateral AUD ORD 486 486 BlackRock Japan Co., Ltd. 24-Apr-18 no n/a collateral AUD ORD 7,293 7,293 BlackRock Advisors (UK) Limited 24-Apr-18 no n/a collateral AUD ORD 6,809 6,809 BlackRock Advisors (UK) Limited 24-Apr-18 no n/a collateral AUD ORD 2,885 2,885 BlackRock Advisors (UK) Limited 24-Apr-18 no n/a collateral AUD ORD 2,885 2,885 BlackRock Advisors (UK) Limited 25-Apr-18 no n/a collateral AUD ORD 2,885 2,885 BlackRock Advisors (UK) Limited 25-Apr-18 no n/a collateral AUD ORD 2,885 2,885 BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral AUD ORD 3,009	• ,	•							
BlackRock Fund Advisors 23-Apr-18 no		•							
BlackRock Fund Advisors 23-Apr-18 no									
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 764 764 764 F64 F6									
BlackRock Advisors (UK) Limited 24-Apr-18 yes 19.00 on mkt buy AUD ORD 764 764 764 764 8 8 8 8 19.07 on mkt buy AUD ORD 764 764 764 8 8 8 8 19.07 on mkt buy AUD ORD 764 764 764 8 8 8 19.07 on mkt buy AUD ORD 396									
BlackRock Advisors (UK) Limited 24-Apr-18 yes 19.07 on mkt buy AUD ORD 396	BlackRock Advisors (UK) Limited			19.00		AUD	ORD		
BlackRock Fund Advisors 24-Apr-18 no n/a in specie AUD ORD 217 217 217 BlackRock Fund Advisors 24-Apr-18 no n/a in specie AUD ORD 651 65	BlackRock Advisors (UK) Limited	24-Apr-18	yes	19.07	on mkt buy	AUD	ORD	764	764
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 11,40			yes	19.07	on mkt buy	AUD		396	396
BlackRock Japan Co., Ltd. 24-Apr-18 no n/a collateral AUD ORD 486			no						
BlackRock Japan Co., Ltd. 24-Apr-18 no n/a collateral AUD ORD 486 486 BlackRock Japan Co., Ltd. 24-Apr-18 no n/a collateral USD ADR 59 59 59 59 59 59 59 5					•				
BlackRock Japan Co., Ltd. 24-Apr-18		<u> </u>							
BlackRock Advisors (UK) Limited 24-Apr-18 no n/a collateral AUD ORD 7,293 7,293									
BlackRock Investment Management LLC 24-Apr-18 No N/a collateral AUD ORD 6,809 6,809 BlackRock Asset Management North Asia 24-Apr-18 No N/a collateral AUD ORD 2,885 2,885 BlackRock Japan Co., Ltd. 25-Apr-18 No N/a collateral AUD ORD 39 39 39 39 39 39 39 3	· · · · · · · · · · · · · · · · · · ·	•							
BlackRock Asset Management North Asia 24-Apr-18 no n/a collateral AUD ORD 2,885 2,885 BlackRock Japan Co., Ltd. 25-Apr-18 no n/a collateral AUD ORD 39 39 BlackRock Japan Co., Ltd. 25-Apr-18 no n/a collateral USD ADR 2 2 BlackRock Investment Management (UK) 25-Apr-18 no n/a collateral AUD ORD 1,105 1,105 BlackRock Investment Management (UK) 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 Fund Advisors 26-Apr-18 yes 19.40 on mkt buy AUD ORD 785 785 BlackRock Fund Advisors 26-Apr-18 no n/a collateral AUD ORD 552 552 BlackRock Advisors (UK) Limited		<u> </u>							
BlackRock Japan Co., Ltd. 25-Apr-18 no n/a collateral AUD ORD 39 39 39 BlackRock Japan Co., Ltd. 25-Apr-18 no n/a collateral USD ADR 2 2 2 2 2 2 2 2 2								•	
BlackRock Japan Co., Ltd. 25-Apr-18 no n/a collateral USD ADR 2 2 BlackRock Investment Management (UK) 25-Apr-18 no n/a collateral AUD ORD 1,105 1,105 BlackRock Investment Management (UK) 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 Japan Co., Ltd. 26-Apr-18 no n/a in specie AUD ORD 552 552 BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral AUD ORD 961 961 961 961 961 961 961 961 961 961 961 961 961 961 961 961 961 961 961		•							
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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 AUD ORD 961 961 BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral AUD ORD 63 63 BlackRock Financial Management, Inc. 26-Apr-18 no n/a collateral AUD ORD 1 1 1 BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock	BlackRock Investment Management (UK)	25-Apr-18	no	n/a	collateral	AUD	ORD	1,105	1,105
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 AUD ORD 961 961 BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral USD ADR 63 63 BlackRock Financial Management, Inc. 26-Apr-18 no n/a collateral AUD ORD 1 1 BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral AUD ORD 4,726 BlackRock Advisors (UK) Limited	BlackRock Investment Management (UK)	26-Apr-18	yes	19.39	on mkt buy	AUD	ORD	2,349	2,349
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 AUD ORD 961 961 BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral USD ADR 63 63 BlackRock Financial Management, Inc. 26-Apr-18 no n/a collateral AUD ORD 1 1 1 BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral AUD ORD 4,726 4,726 BlackRock Advisors (UK) Limited 27-Apr-18 yes 19.80 on mkt buy AUD ORD 10,291 10,291 <			yes						
BlackRock Japan Co., Ltd. 26-Apr-18 no n/a collateral AUD ORD 961 961 BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral USD ADR 63 63 BlackRock Financial Management, Inc. 26-Apr-18 no n/a collateral AUD ORD 1 1 BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral AUD ORD 4,726 4,726 BlackRock Advisors (UK) Limited 27-Apr-18 yes 19.80 on mkt buy AUD ORD 823 823 BlackRock Fund Advisors 27-Apr-18 yes 19.80 on mkt buy AUD ORD 10,291 10,291 BlackRock Advisors (UK) Limited <			-						
BlackRock Advisors (UK) Limited 26-Apr-18 no n/a collateral USD ADR 63 63 BlackRock Financial Management, Inc. 26-Apr-18 no n/a collateral AUD ORD 1 1 BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral 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									
BlackRock Financial Management, Inc. 26-Apr-18 no n/a collateral AUD ORD 1 1 BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral 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 Bl									
BlackRock Investment Management, LLC 26-Apr-18 no n/a collateral AUD ORD 3,466 3,466 BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral 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		•							
BlackRock Investment Management (UK) 26-Apr-18 no n/a collateral AUD ORD 37,723 37,723 BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral 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	ÿ .								
BlackRock Asset Management North Asia 26-Apr-18 no n/a collateral 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	<u> </u>								
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 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 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		<u> </u>							
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 AUD ORD 323 323	, ,		no	n/a	<u> </u>				
	BlackRock Financial Management, Inc.	27-Apr-18	no	n/a	collateral	AUD	ORD	323	323

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-			Cons	Consideration				Person's
Holder of Relevant Interest	Date of Acquisit on a prescribed		Cash	Non-cash	CCY		I number of es affected	votes
BlackRock Investment Management, LLC	27-Apr-18	no	n/a	collateral	AUD	ORD	11,015	11,015
BlackRock Investment Management (UK)	27-Apr-18	no	n/a	collateral	AUD	ORD	23,164	23,164
BlackRock Asset Management North Asia	27-Apr-18	no	n/a	collateral	AUD	ORD	17,336	17,336
BlackRock Institutional Trust Company, National	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 Japan Co., Ltd.	30-Apr-18	no	n/a	collateral	USD	ADR	62	62
BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	01-May-18	yes	19.74 19.82	on mkt buy	AUD	ORD ORD	618	618
BlackRock Investment Management (Australia)	01-May-18 01-May-18	yes	19.82	on mkt buy on mkt buy	AUD	ORD	18,178 2,713	18,178 2,713
BlackRock Investment Management, LLC	01-May-18	yes no	n/a	collateral	USD	ADR	10	10
BlackRock Investment Management (UK)	01-May-18	no	n/a	collateral	USD	ADR	39	39
BlackRock Asset Management North Asia	01-May-18	no	n/a	collateral	USD	ADR	11	11
BlackRock Advisors (UK) Limited	02-May-18	yes	19.83		AUD	ORD	2,088	2,088
BlackRock Advisors (UK) Limited	02-May-18	yes	19.83		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 Japan Co., Ltd.	02-May-18	no	n/a	collateral	USD	ADR	58	58
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 Advisors (UK) Limited	03-May-18	no	n/a	collateral	USD	ADR	59	59
BlackRock Japan Co., Ltd.	04-May-18	no	n/a	collateral	AUD	ORD	22,654	22,654
BlackRock Advisors (UK) Limited	04-May-18	no	n/a	collateral	USD	ADR ORD	1 6 774	6.774
BlackRock Investment Management, LLC	07-May-18	yes	19.00	on mkt buy	AUD	ORD	6,774	- ,
BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	07-May-18 07-May-18	no no	n/a n/a	collateral collateral	AUD	ORD	10,432 14,121	10,432 14,121
BlackRock Investment Management (UK)	07-May-18	no	n/a	collateral	AUD	ORD	8,533	8,533
BlackRock Investment Management (Australia)	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 Japan Co., Ltd.	08-May-18	no	n/a	collateral	USD	ADR	1	1
BlackRock Advisors (UK) Limited	08-May-18	no	n/a	collateral	AUD	ORD	17,677	17,677
BlackRock Investment Management, LLC	08-May-18	no	n/a	collateral	USD	ADR	12	12
BlackRock Investment Management (UK)	08-May-18	no	n/a	collateral	USD	ADR	37	37
BlackRock Asset Management North Asia	08-May-18	no	n/a	collateral	USD	ADR	9	9
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		AUD	ORD	176	176
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62		AUD	ORD	584	584
BlackRock Advisors (UK) Limited	09-May-18	yes	18.62		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		AUD	ORD	500	500
BlackRock Advisors (UK) Limited	09-May-18	no	n/a	collateral	USD	ADR	60	60
BlackRock Advisors (UK) Limited	10-May-18 10-May-18	yes	18.51	on mkt buy	AUD	ORD ADR	2,475	2,475 1
BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	10-May-18	no	n/a n/a	collateral collateral	AUD	ORD	86,809	86,809
BlackRock Investment Management (UK)	10-May-18	no	n/a	collateral	USD	ADR	12	12
BlackRock Asset Management North Asia	10-May-18	no no	n/a	collateral	USD	ADR	2	2
BlackRock Advisors (UK) Limited	11-May-18	yes	18.40	on mkt buy	AUD	ORD	1,652	1,652
BlackRock Financial Management, Inc.	11-May-18	yes	18.41	on mkt buy	AUD	ORD	360	360
BlackRock Advisors, LLC	11-May-18	yes	18.41	on mkt buy	AUD	ORD	1,520	1,520
BlackRock Institutional Trust Company, National	11-May-18	yes	18.41	on mkt buy	AUD	ORD	1,066	1,066
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	AUD	ORD	150,576	150,576
BlackRock Advisors (UK) Limited	11-May-18	no	n/a	collateral	USD	ADR	1	1
BlackRock Asset Management North Asia	11-May-18	no	n/a	collateral	USD	ADR	1	1 0 407
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	AUD	ORD	1	1
BlackRock Advisors (UK) Limited	14-May-18	no	n/a	collateral	USD	ADR	13	13
BlackRock Investment Management (UK)	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 BlackRock Investment Management (UK)	15-May-18	no	n/a n/a	in specie	AUD	ORD ORD	5,544 8,698	5,544 8,698
BlackRock Institutional Trust Company, National	15-May-18 15-May-18	no no	n/a n/a	in specie in specie	AUD	ORD	13,438	13,438
BlackRock Japan Co., Ltd.	15-May-18	no	n/a	collateral	USD	ADR	13,436	13,436
BlackRock Advisors (UK) Limited	15-May-18	no	n/a	collateral	AUD	ORD	149,820	149,820
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			Consi	nsideration				Person's	
Holder of Relevant Interest	Date of Acquisit on a prescribed		Cash	Non-cash	CCY		I number of s affected	votes	
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		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	16-May-18	no	n/a	collateral	USD	ADR	57	57	
BlackRock Advisors (UK) Limited	17-May-18	yes	18.23		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 BlackRock Advisors (UK) Limited	17-May-18	yes	18.23	on mkt buy collateral	USD	ORD ADR	4,035 1	4,035	
BlackRock Financial Management, Inc.	17-May-18 18-May-18	no yes	n/a 18.05		AUD	ORD	1,928	1,928	
BlackRock Advisors, LLC	18-May-18	yes	18.05		AUD	ORD	9,538	9,538	
BlackRock Institutional Trust Company, National	18-May-18	yes		on mkt buy	AUD	ORD	1,725	1,725	
BlackRock Institutional Trust Company, National	18-May-18	yes	18.05		AUD	ORD	898	898	
BlackRock International Limited	18-May-18	yes		on mkt buy	AUD	ORD	1,413	1,413	
BlackRock Financial Management, Inc.	18-May-18	yes		on mkt buy	AUD	ORD	5,411	5,411	
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 Advisors, LLC	18-May-18	yes	18.02		AUD	ORD	13,818	13,818	
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		AUD	ORD	1,692	1,692	
BlackRock Advisors (UK) Limited	22-May-18	yes	17.99		AUD	ORD	504	504	
BlackRock Advisors (UK) Limited	22-May-18	yes	17.99		AUD	ORD	378	378	
BlackRock Advisors (UK) Limited	22-May-18	yes	17.99 n/a	on mkt buy collateral	AUD	ORD ADR	756 1	756	
BlackRock Japan Co., Ltd. BlackRock Investment Management, LLC	22-May-18 22-May-18	no no	n/a n/a	collateral	USD	ADR	11	<u>1</u> 11	
BlackRock Investment Management (UK)	22-May-18	no	n/a	collateral	USD	ADR	37	37	
BlackRock Asset Management North Asia	22-May-18	no	n/a	collateral	USD	ADR	8	8	
BlackRock Advisors (UK) Limited	23-May-18	yes	17.95		AUD	ORD	1,323	1,323	
BlackRock Advisors (UK) Limited	23-May-18	yes	17.95	on mkt buy	AUD	ORD	735	735	
BlackRock Financial Management, Inc.	23-May-18	no	n/a	collateral	USD	ADR	13	13	
BlackRock Investment Management (UK)	23-May-18	no	n/a	collateral	USD	ADR	12	12	
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 Investment Management (UK)	24-May-18	no	n/a	collateral	USD	ADR	4	4	
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	AUD	ORD	253,112	253,112	
BlackRock Advisors (UK) Limited	25-May-18	no	n/a	collateral	USD	ADR	63	63	
BlackRock Japan Co., Ltd.	28-May-18	no	n/a	collateral	AUD	ORD	308,875	308,875	
BlackRock Advisors (UK) Limited	30-May-18	yes	17.87		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		AUD	ORD	6,620	6,620	
BlackRock Advisors (UK) Limited BlackRock (Netherlands) B.V.	31-May-18 31-May-18	yes	17.67 17.67	on mkt buy	AUD	ORD ORD	730 194	730 194	
BlackRock (Netherlands) B.V.	31-May-18	yes yes		on mkt buy	AUD	ORD	126	126	
BlackRock Fund Advisors	31-May-18	yes		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		on mkt buy	AUD	ORD	6,119	6,119	
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67		AUD	ORD	3,967	3,967	
BlackRock Advisors (UK) Limited	31-May-18	yes	17.67		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	31-May-18	yes	17.67	on mkt buy	AUD	ORD	3,869	3,869	
BlackRock Institutional Trust Company, National	31-May-18	yes	17.67		AUD	ORD	5,966	5,966	
BlackRock Advisors (UK) Limited	04-Jun-18	yes	17.69		AUD	ORD	173	173	
BlackRock Institutional Trust Company, National	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		AUD	ORD	2,212	2,212	
BlackRock Capital Management, Inc.	04-Jun-18	no	n/a	collateral	AUD	ORD	2	2	
BlackRock Investment Management (UK)	04-Jun-18	no	n/a	collateral	AUD	ORD	23,319	23,319	
BlackRock Japan Co., Ltd.	05-Jun-18	no	n/a	collateral	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 BlackRock Investment Management (UK)	06-Jun-18 06-Jun-18	yes no	17.54 n/a	on mkt buy in specie	AUD	ORD ORD	3,416 6,469	3,416 6,469	
BlackRock Fund Advisors	06-Jun-18	no	n/a 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	AUD	ORD	4,020	1,020	
BlackRock Investment Management, LLC	06-Jun-18	no	n/a	collateral	AUD	ORD	2,854	2,854	
BlackRock Investment Management (UK)	06-Jun-18	no	n/a	collateral	AUD	ORD	183,737	183,737	
BlackRock Asset Management North Asia	06-Jun-18	no	n/a	collateral	AUD	ORD	2,600	2,600	
BlackRock Advisors (UK) Limited	07-Jun-18	yes	17.60	on mkt buy	AUD	ORD	3,978	3,978	
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	

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	5	. ,-		Consideration				
Holder of Relevant Interest Date of Acquisition on a prescribed f			Cash	Non-cash	CCY		number of s affected	votes affected
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	AUD	ORD	4	4
BlackRock Advisors (UK) Limited	07-Jun-18	no	n/a	collateral	AUD	ORD	63,510	63,510
BlackRock Investment Management, LLC	07-Jun-18	no	n/a	collateral	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	AUD	ORD	12,454	12,454
BlackRock Financial Management, Inc.	08-Jun-18	no	n/a	collateral	AUD	ORD	3	3
BlackRock Investment Management, LLC	08-Jun-18	no	n/a	collateral	AUD	ORD	14,386	14,386
BlackRock Asset Management North Asia	08-Jun-18	no	n/a	collateral	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	AUD	ORD	18,449	18,449
BlackRock Investment Management (Australia)	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	AUD	ORD	120,726	120,726
BlackRock Advisors (UK) Limited	14-Jun-18	no	n/a	collateral	AUD	ORD	11,942	11,942

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18-Jun-18 Date Bradley Taylor, Authorised Signatory

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)				

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18-June-18
Bradley Taylor, 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 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?	Yes, at notice.					
If yes, detail						
Will the securities be returned on settlement?	Yes.					
If yes, detail any exceptions						

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