

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme

ACN/ARSN

1. Details of substantial holder (1)

Name

ACN/ARSN (if applicable)

The holder became a substantial holder on

/ /

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)

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

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

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	

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

7. Addresses

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

Name	Address

Signature

print name

capacity

sign here

date / /

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.

Maria Tricarico,
Authorised Signatory

29-Dec-17
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 (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SINGAPORE		ORD 30,261	30,261	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 3,457,934	3,457,934	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 4,672,396	4,672,396	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 3,208,914	3,208,914	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.	BNYM-THE BANK OF NEW YORK		ORD 1,218,706	1,218,706	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 1,307,488	1,307,488	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 275,277	275,277	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 733,540	733,540	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 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 101,346	101,346	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 5,356	5,356	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 1,499	1,499	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BONY EUROPE - LONDON		ORD 1,851	1,851	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 695	695	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 2,467,180	2,467,180	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.	HSBC-HSBC, HONG KONG		ORD 487,167	487,167	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 4,178,847	4,178,847	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 215,997	215,997	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 STATE HONG KONG		ORD 2,597,730	2,597,730	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 106,534	106,534	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 10,046,550	10,046,550	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 1,737,124	1,737,124	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 1,249,316	1,249,316	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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 679,889	679,889	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.	UBS- UBS- ZURICH		ORD 763,224	763,224	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 11,026,893	11,026,893	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 592,359	592,359	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.	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		ORD 852,503	852,503	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	MS-MORGAN STANLEY & CO INC		ORD 346,209	346,209	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 2,554,345	2,554,345	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 297,494	297,494	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 7,002,397	7,002,397	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 131,359	131,359	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS- UBS- ZURICH		ORD 1,449,363	1,449,363	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 1,618,415	1,618,415	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ORD 1,321,504	1,321,504	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 169,836	169,836	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BONY LUXEMBOURG		ORD 236,531	236,531	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 620,214	620,214	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 912,065	912,065	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - LONDON		ORD 269,189	269,189	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 340,450	340,450	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 18,224	18,224	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 S.p.A		ORD 567,666	567,666	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 630,026	630,026	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 447,359	447,359	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 97,156	97,156	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.	UNION BANK		ORD 19,697	19,697	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, 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 BANK LUXEMBOURG		ORD 867,270	867,270	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-BONY EUROPE - LONDON		ORD 1,070	1,070	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-JPM CHASE - LONDON		ORD 341,966	341,966	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 665,259	665,259	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-JPM CHASE - LONDON		ORD 3,098,606	3,098,606	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.	MITSUI-SUMITOMO TRUST		ORD 393,694	393,694	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.	SSB-State Street Bank And Trust Co.		ORD 3,221,703	3,221,703	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 TRUST & BANKING TOKYO		ORD 7,522	7,522	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 1,512,333	1,512,333	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.	UBS- UBS- ZURICH		ORD 144,874	144,874	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.	JPM-JPM CHASE - SYDNEY		ORD 1,780,278	1,780,278	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.	CITI-Citigroup Australia - SYDNEY		ORD 223,744	223,744	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	5,284,487	5,284,487	subsidiary of BlackRock Inc.

This is Annexure B of 14 pages referred to in form 603 Notice of initial substantial shareholder

29-Dec-17
Date

Maria Tricarico,
Authorised Signatory

5. Consideration

QANTAS AIRWAYS LTD (QAN)								
Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	28-Aug-17	yes	5.68	on mkt buy	AUD	ORD	15,204	15,204
BlackRock Advisors, LLC	28-Aug-17	no	n/a	collateral transfer	AUD	ORD	357	357
BlackRock Japan Co., Ltd.	28-Aug-17	no	n/a	collateral transfer	AUD	ORD	1,377	1,377
BlackRock Advisors (UK) Limited	28-Aug-17	no	n/a	collateral transfer	AUD	ORD	2,268,609	2,268,609
BlackRock Financial Management, Inc.	28-Aug-17	no	n/a	collateral transfer	AUD	ORD	789	789
BlackRock Investment Management, LLC	28-Aug-17	no	n/a	collateral transfer	AUD	ORD	23,168	23,168
BlackRock Asset Management North Asia Limited	28-Aug-17	no	n/a	collateral transfer	AUD	ORD	41,186	41,186
BlackRock Fund Advisors	29-Aug-17	no	n/a	in specie	AUD	ORD	6,525	6,525
BlackRock Japan Co., Ltd.	29-Aug-17	no	n/a	collateral transfer	AUD	ORD	1,345	1,345
BlackRock Financial Management, Inc.	29-Aug-17	no	n/a	collateral transfer	AUD	ORD	326	326
BlackRock Investment Management, LLC	29-Aug-17	no	n/a	collateral transfer	AUD	ORD	92,859	92,859
BlackRock Investment Management (Australia) Limited	30-Aug-17	yes	5.64	on mkt buy	AUD	ORD	5,005	5,005
BlackRock Advisors (UK) Limited	30-Aug-17	yes	5.66	on mkt buy	AUD	ORD	239	239
BlackRock Advisors (UK) Limited	30-Aug-17	yes	5.66	on mkt buy	AUD	ORD	317	317
BlackRock Advisors (UK) Limited	30-Aug-17	yes	5.66	on mkt buy	AUD	ORD	212	212
BlackRock Advisors (UK) Limited	30-Aug-17	yes	5.66	on mkt buy	AUD	ORD	634	634
BlackRock Investment Management (UK) Limited	30-Aug-17	no	n/a	in specie	AUD	ORD	815	815
BlackRock Advisors (UK) Limited	30-Aug-17	no	n/a	in specie	AUD	ORD	1,009	1,009
BlackRock Advisors, LLC	30-Aug-17	no	n/a	collateral transfer	AUD	ORD	11,238	11,238
BlackRock Advisors (UK) Limited	30-Aug-17	no	n/a	collateral transfer	AUD	ORD	4,167,145	4,167,145
BlackRock Investment Management, LLC	30-Aug-17	no	n/a	collateral transfer	AUD	ORD	185,155	185,155
BlackRock Investment Management (UK) Limited	30-Aug-17	no	n/a	collateral transfer	AUD	ORD	5,081	5,081
BlackRock Investment Management (Australia) Limited	31-Aug-17	yes	5.72	on mkt buy	AUD	ORD	12,762	12,762
BlackRock Investment Management (Australia) Limited	31-Aug-17	yes	5.72	on mkt buy	AUD	ORD	14,790	14,790
BlackRock Fund Advisors	31-Aug-17	yes	5.72	on mkt buy	AUD	ORD	2,184	2,184
BlackRock Institutional Trust Company, National Association	31-Aug-17	yes	5.72	on mkt buy	AUD	ORD	12,736	12,736
BlackRock Japan Co., Ltd.	31-Aug-17	no	n/a	collateral transfer	AUD	ORD	1,498	1,498
BlackRock Investment Management (UK) Limited	31-Aug-17	no	n/a	collateral transfer	AUD	ORD	25,484	25,484
BlackRock Asset Management North Asia Limited	31-Aug-17	no	n/a	collateral transfer	AUD	ORD	10,156	10,156
BlackRock Financial Management, Inc.	01-Sep-17	yes	5.71	on mkt buy	AUD	ORD	902,390	902,390
BlackRock Advisors (UK) Limited	01-Sep-17	yes	5.70	on mkt buy	AUD	ORD	1,580	1,580
BlackRock Japan Co., Ltd.	01-Sep-17	no	n/a	collateral transfer	AUD	ORD	1,729	1,729
BlackRock Advisors (UK) Limited	01-Sep-17	no	n/a	collateral transfer	AUD	ORD	5,734,360	5,734,360
BlackRock Investment Management, LLC	01-Sep-17	no	n/a	collateral transfer	AUD	ORD	48,934	48,934
BlackRock Investment Management (UK) Limited	04-Sep-17	no	n/a	in specie	AUD	ORD	3,613	3,613
BlackRock Japan Co., Ltd.	04-Sep-17	no	n/a	collateral transfer	AUD	ORD	1,258	1,258

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management, LLC	04-Sep-17	no	n/a	collateral transfer	AUD	ORD	59,418	59,418
BlackRock Investment Management (UK) Limited	04-Sep-17	no	n/a	collateral transfer	AUD	ORD	12,177	12,177
BlackRock Advisors (UK) Limited	05-Sep-17	yes	5.63	on mkt buy	AUD	ORD	720	720
BlackRock Financial Management, Inc.	05-Sep-17	no	n/a	in specie	AUD	ORD	834,059	834,059
BlackRock Investment Management (UK) Limited	05-Sep-17	no	n/a	collateral transfer	AUD	ORD	10,116	10,116
BlackRock Asset Management North Asia Limited	05-Sep-17	no	n/a	collateral transfer	AUD	ORD	468,981	468,981
BlackRock Institutional Trust Company, National Association	06-Sep-17	yes	5.69	on mkt buy	AUD	ORD	8,495	8,495
BlackRock Institutional Trust Company, National Association	06-Sep-17	yes	5.69	on mkt buy	AUD	ORD	3,445	3,445
BlackRock Institutional Trust Company, National Association	06-Sep-17	yes	5.69	on mkt buy	AUD	ORD	3,535	3,535
BlackRock Advisors (UK) Limited	06-Sep-17	yes	5.71	on mkt buy	AUD	ORD	2,184	2,184
BlackRock Advisors (UK) Limited	06-Sep-17	yes	5.71	on mkt buy	AUD	ORD	214	214
BlackRock Investment Management, LLC	06-Sep-17	yes	5.71	on mkt buy	AUD	ORD	4,791	4,791
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ORD	6,525	6,525
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ORD	1,622	1,622
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ORD	6,102	6,102
BlackRock Japan Co., Ltd.	06-Sep-17	no	n/a	collateral transfer	AUD	ORD	1,617	1,617
BlackRock International Limited	07-Sep-17	yes	5.69	on mkt buy	AUD	ORD	34,952	34,952
BlackRock Institutional Trust Company, National Association	07-Sep-17	yes	5.70	on mkt buy	AUD	ORD	60,290	60,290
BlackRock Advisors (UK) Limited	07-Sep-17	yes	5.65	on mkt buy	AUD	ORD	1,070	1,070
BlackRock Investment Management (Australia) Limited	07-Sep-17	yes	5.65	on mkt buy	AUD	ORD	18,852	18,852
BlackRock Fund Advisors	07-Sep-17	no	n/a	in specie	AUD	ORD	303	303
BlackRock Financial Management, Inc.	08-Sep-17	yes	5.64	on mkt buy	AUD	ORD	619,826	619,826
BlackRock Advisors (UK) Limited	08-Sep-17	yes	5.65	on mkt buy	AUD	ORD	1,810	1,810
BlackRock Advisors (UK) Limited	08-Sep-17	yes	5.65	on mkt buy	AUD	ORD	2,212	2,212
BlackRock Advisors (UK) Limited	08-Sep-17	yes	5.65	on mkt buy	AUD	ORD	1,896	1,896
BlackRock Asset Management Canada Limited	08-Sep-17	yes	5.65	on mkt buy	AUD	ORD	12,173	12,173
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ORD	15,225	15,225
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ORD	1,622	1,622
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ORD	4,200	4,200
BlackRock Institutional Trust Company, National Association	11-Sep-17	yes	5.73	on mkt buy	AUD	ORD	434	434
BlackRock Fund Advisors	11-Sep-17	no	n/a	in specie	AUD	ORD	4,025	4,025
BlackRock Investment Management, LLC	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	17,614	17,614
BlackRock Investment Management (UK) Limited	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	3,860	3,860
BlackRock Institutional Trust Company, National Association	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	6,041	6,041
BlackRock Investment Management (UK) Limited	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	3,508	3,508
BlackRock Institutional Trust Company, National Association	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	3,694	3,694
BlackRock Japan Co., Ltd.	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	27,889	27,889
BlackRock Japan Co., Ltd.	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	17,760	17,760
BlackRock Japan Co., Ltd.	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	7,747	7,747
BlackRock International Limited	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	17,097	17,097
BlackRock Financial Management, Inc.	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	19,169	19,169
BlackRock Investment Management (UK) Limited	12-Sep-17	yes	5.71	on mkt buy	AUD	ORD	19,859	19,859
BlackRock Asset Management Canada Limited	12-Sep-17	yes	5.70	on mkt buy	AUD	ORD	2,443	2,443
BlackRock Fund Advisors	12-Sep-17	no	n/a	in specie	AUD	ORD	6,525	6,525
BlackRock Institutional Trust Company, National Association	12-Sep-17	no	n/a	in specie	AUD	ORD	730,400	730,400
BlackRock Advisors (UK) Limited	13-Sep-17	no	n/a	in specie	AUD	ORD	4,535	4,535
BlackRock Institutional Trust Company, National Association	13-Sep-17	yes	5.78	on mkt buy	AUD	ORD	1,106	1,106
BlackRock Institutional Trust Company, National Association	13-Sep-17	yes	5.78	on mkt buy	AUD	ORD	16,172	16,172
BlackRock Institutional Trust Company, National Association	13-Sep-17	yes	5.78	on mkt buy	AUD	ORD	3,902	3,902
BlackRock Institutional Trust Company, National Association	13-Sep-17	yes	5.78	on mkt buy	AUD	ORD	3,903	3,903
BlackRock Investment Management (Australia) Limited	13-Sep-17	yes	5.78	on mkt buy	AUD	ORD	9,617	9,617
BlackRock Advisors (UK) Limited	13-Sep-17	yes	5.80	on mkt buy	AUD	ORD	230	230

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			Cash	Non-cash	CCY		
BlackRock Fund Advisors	13-Sep-17	no	n/a	in specie	AUD	ORD 2,433	2,433
BlackRock Japan Co., Ltd.	14-Sep-17	yes	5.87	on mkt buy	AUD	ORD 7,612	7,612
BlackRock Advisors (UK) Limited	14-Sep-17	yes	5.87	on mkt buy	AUD	ORD 36,807	36,807
BlackRock Advisors (UK) Limited	14-Sep-17	yes	5.89	on mkt buy	AUD	ORD 948	948
BlackRock Advisors (UK) Limited	14-Sep-17	yes	5.89	on mkt buy	AUD	ORD 720	720
BlackRock Advisors (UK) Limited	15-Sep-17	yes	5.82	on mkt buy	AUD	ORD 1,896	1,896
BlackRock Fund Advisors	15-Sep-17	yes	5.82	on mkt buy	AUD	ORD 1,144	1,144
BlackRock Investment Management, LLC	19-Sep-17	yes	5.85	on mkt buy	AUD	ORD 4,740	4,740
BlackRock Japan Co., Ltd.	19-Sep-17	yes	5.85	on mkt buy	AUD	ORD 3,489	3,489
BlackRock Advisors, LLC	19-Sep-17	yes	5.85	on mkt buy	AUD	ORD 10,817	10,817
BlackRock Investment Management (UK) Limited	19-Sep-17	yes	5.85	on mkt buy	AUD	ORD 5,288	5,288
BlackRock Advisors (UK) Limited	19-Sep-17	yes	5.88	on mkt buy	AUD	ORD 11,040	11,040
BlackRock Advisors (UK) Limited	19-Sep-17	yes	5.88	on mkt buy	AUD	ORD 316	316
BlackRock Fund Advisors	19-Sep-17	no	n/a	in specie	AUD	ORD 6,525	6,525
BlackRock Fund Advisors	19-Sep-17	no	n/a	in specie	AUD	ORD 5,220	5,220
BlackRock Fund Advisors	20-Sep-17	no	n/a	in specie	AUD	ORD 554	554
BlackRock Advisors (UK) Limited	21-Sep-17	yes	5.79	on mkt buy	AUD	ORD 428	428
BlackRock Investment Management (Australia) Limited	21-Sep-17	yes	5.79	on mkt buy	AUD	ORD 13,449	13,449
BlackRock Investment Management (Australia) Limited	21-Sep-17	yes	5.79	on mkt buy	AUD	ORD 19,143	19,143
BlackRock Fund Advisors	21-Sep-17	no	n/a	in specie	AUD	ORD 8,700	8,700
BlackRock Financial Management, Inc.	22-Sep-17	yes	5.81	on mkt buy	AUD	ORD 25,742	25,742
BlackRock Investment Management (Australia) Limited	22-Sep-17	yes	5.80	on mkt buy	AUD	ORD 9,066	9,066
BlackRock Investment Management (UK) Limited	22-Sep-17	no	n/a	in specie	AUD	ORD 5,295	5,295
BlackRock Advisors (UK) Limited	25-Sep-17	yes	5.80	on mkt buy	AUD	ORD 317	317
BlackRock Fund Advisors	25-Sep-17	no	n/a	in specie	AUD	ORD 6,960	6,960
BlackRock Advisors (UK) Limited	26-Sep-17	yes	5.77	on mkt buy	AUD	ORD 920	920
BlackRock Japan Co., Ltd.	27-Sep-17	yes	5.77	on mkt buy	AUD	ORD 7,617	7,617
BlackRock Asset Management Canada Limited	27-Sep-17	yes	5.77	on mkt buy	AUD	ORD 1,616	1,616
BlackRock Fund Advisors	27-Sep-17	no	n/a	in specie	AUD	ORD 2,034	2,034
BlackRock Institutional Trust Company, National Association	27-Sep-17	no	n/a	in specie	AUD	ORD 21,973	21,973
BlackRock Advisors (UK) Limited	28-Sep-17	yes	5.72	on mkt buy	AUD	ORD 1,840	1,840
BlackRock Advisors (UK) Limited	28-Sep-17	yes	5.72	on mkt buy	AUD	ORD 1,580	1,580
BlackRock Advisors (UK) Limited	28-Sep-17	yes	5.72	on mkt buy	AUD	ORD 642	642
BlackRock Investment Management (Australia) Limited	28-Sep-17	yes	5.72	on mkt buy	AUD	ORD 13,961	13,961
BlackRock Fund Advisors	28-Sep-17	no	n/a	in specie	AUD	ORD 13,050	13,050
BlackRock Investment Management (UK) Limited	28-Sep-17	no	n/a	collateral transfer	AUD	ORD 150,736	150,736
BlackRock Investment Management (Australia) Limited	29-Sep-17	no	n/a	in specie	AUD	ORD 457,183	457,183
BlackRock Investment Management (Australia) Limited	29-Sep-17	yes	5.83	on mkt buy	AUD	ORD 19,179	19,179
BlackRock Investment Management (Australia) Limited	29-Sep-17	yes	5.83	on mkt buy	AUD	ORD 4,846	4,846
BlackRock Investment Management (Australia) Limited	29-Sep-17	yes	5.83	on mkt buy	AUD	ORD 4,538	4,538
BlackRock Investment Management (Australia) Limited	29-Sep-17	yes	5.83	on mkt buy	AUD	ORD 8,676	8,676
BlackRock Fund Advisors	29-Sep-17	no	n/a	in specie	AUD	ORD 11,745	11,745
BlackRock Fund Advisors	29-Sep-17	no	n/a	in specie	AUD	ORD 1,622	1,622
BlackRock Institutional Trust Company, National Association	29-Sep-17	no	n/a	in specie	AUD	ORD 20,334	20,334
BlackRock Japan Co., Ltd.	29-Sep-17	no	n/a	collateral transfer	AUD	ORD 8	8
BlackRock Advisors (UK) Limited	02-Oct-17	yes	5.91	on mkt buy	AUD	ORD 920	920
BlackRock Fund Advisors	02-Oct-17	no	n/a	in specie	AUD	ORD 10,170	10,170
BlackRock Fund Advisors	02-Oct-17	no	n/a	in specie	AUD	ORD 1,940	1,940
BlackRock Investment Management, LLC	03-Oct-17	yes	5.90	on mkt buy	AUD	ORD 5,074	5,074
BlackRock Japan Co., Ltd.	03-Oct-17	yes	5.90	on mkt buy	AUD	ORD 4,975	4,975
BlackRock Investment Management (UK) Limited	03-Oct-17	yes	5.90	on mkt buy	AUD	ORD 3,558	3,558
BlackRock Investment Management (Australia) Limited	03-Oct-17	yes	5.91	on mkt buy	AUD	ORD 439	439
BlackRock Japan Co., Ltd.	03-Oct-17	yes	5.90	on mkt buy	AUD	ORD 5,414	5,414
BlackRock Advisors (UK) Limited	03-Oct-17	yes	5.90	on mkt buy	AUD	ORD 1,840	1,840
BlackRock Advisors (UK) Limited	03-Oct-17	yes	5.91	on mkt buy	AUD	ORD 2,920	2,920
BlackRock Advisors (UK) Limited	03-Oct-17	yes	5.91	on mkt buy	AUD	ORD 216	216
BlackRock Fund Advisors	03-Oct-17	no	n/a	in specie	AUD	ORD 303	303
BlackRock Fund Advisors	03-Oct-17	no	n/a	in specie	AUD	ORD 303	303

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			Cash	Non-cash	CCY		
BlackRock Institutional Trust Company, National Association	04-Oct-17	yes	5.95	on mkt buy	AUD	ORD 4,599	4,599
BlackRock Investment Management (Australia) Limited	04-Oct-17	yes	5.93	on mkt buy	AUD	ORD 27,651	27,651
BlackRock Advisors (UK) Limited	04-Oct-17	yes	5.93	on mkt buy	AUD	ORD 2,955	2,955
BlackRock Advisors (UK) Limited	04-Oct-17	yes	5.93	on mkt buy	AUD	ORD 1,341	1,341
BlackRock Fund Advisors	04-Oct-17	no	n/a	in specie	AUD	ORD 10,875	10,875
BlackRock Fund Advisors	04-Oct-17	no	n/a	in specie	AUD	ORD 4,785	4,785
BlackRock Fund Advisors	04-Oct-17	no	n/a	in specie	AUD	ORD 7,428	7,428
BlackRock Investment Management (UK) Limited	04-Oct-17	no	n/a	collateral transfer	AUD	ORD 5,728	5,728
BlackRock Advisors (UK) Limited	05-Oct-17	yes	6.12	on mkt buy	AUD	ORD 4,736	4,736
BlackRock Advisors (UK) Limited	05-Oct-17	yes	6.12	on mkt buy	AUD	ORD 1,264	1,264
BlackRock Advisors (UK) Limited	05-Oct-17	yes	6.12	on mkt buy	AUD	ORD 5,364	5,364
BlackRock Institutional Trust Company, National Association	06-Oct-17	yes	6.12	on mkt buy	AUD	ORD 8,662	8,662
BlackRock Institutional Trust Company, National Association	06-Oct-17	yes	6.12	on mkt buy	AUD	ORD 3,196	3,196
BlackRock Institutional Trust Company, National Association	06-Oct-17	yes	6.12	on mkt buy	AUD	ORD 3,330	3,330
BlackRock Advisors (UK) Limited	06-Oct-17	yes	6.13	on mkt buy	AUD	ORD 1,773	1,773
BlackRock Advisors (UK) Limited	06-Oct-17	yes	6.13	on mkt buy	AUD	ORD 730	730
BlackRock Advisors (UK) Limited	06-Oct-17	yes	6.13	on mkt buy	AUD	ORD 721	721
BlackRock Advisors (UK) Limited	06-Oct-17	yes	6.13	on mkt buy	AUD	ORD 2,684	2,684
BlackRock Fund Advisors	06-Oct-17	no	n/a	in specie	AUD	ORD 1,610	1,610
BlackRock Fund Advisors	06-Oct-17	no	n/a	in specie	AUD	ORD 10,005	10,005
BlackRock Fund Advisors	06-Oct-17	no	n/a	in specie	AUD	ORD 8,136	8,136
BlackRock Advisors (UK) Limited	09-Oct-17	yes	6.20	on mkt buy	AUD	ORD 1,840	1,840
BlackRock Advisors (UK) Limited	10-Oct-17	yes	6.18	on mkt buy	AUD	ORD 590	590
BlackRock Fund Advisors	10-Oct-17	no	n/a	in specie	AUD	ORD 6,960	6,960
BlackRock Institutional Trust Company, National Association	11-Oct-17	yes	6.24	on mkt buy	AUD	ORD 24,104	24,104
BlackRock Institutional Trust Company, National Association	11-Oct-17	yes	6.24	on mkt buy	AUD	ORD 6,435	6,435
BlackRock Institutional Trust Company, National Association	11-Oct-17	yes	6.24	on mkt buy	AUD	ORD 6,413	6,413
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ORD 4,830	4,830
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ORD 8,700	8,700
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ORD 3,480	3,480
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ORD 2,109	2,109
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ORD 606	606
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ORD 1,940	1,940
BlackRock Advisors, LLC	12-Oct-17	yes	6.26	on mkt buy	AUD	ORD 21,517	21,517
BlackRock Advisors (UK) Limited	12-Oct-17	yes	6.29	on mkt buy	AUD	ORD 5,478	5,478
BlackRock Advisors (UK) Limited	12-Oct-17	yes	6.29	on mkt buy	AUD	ORD 2,782	2,782
BlackRock Investment Management (Australia) Limited	12-Oct-17	yes	6.29	on mkt buy	AUD	ORD 14,522	14,522
BlackRock Investment Management (Australia) Limited	12-Oct-17	yes	6.29	on mkt buy	AUD	ORD 4,325	4,325
BlackRock Fund Advisors	12-Oct-17	no	n/a	in specie	AUD	ORD 1,940	1,940
BlackRock Advisors, LLC	13-Oct-17	yes	6.29	on mkt buy	AUD	ORD 42,501	42,501
BlackRock Investment Management (UK) Limited	13-Oct-17	yes	6.31	on mkt buy	AUD	ORD 5,266	5,266
BlackRock Fund Advisors	13-Oct-17	no	n/a	in specie	AUD	ORD 4,500	4,500
BlackRock Investment Management (UK) Limited	13-Oct-17	no	n/a	in specie	AUD	ORD 5,846	5,846
BlackRock Investment Management (UK) Limited	13-Oct-17	no	n/a	in specie	AUD	ORD 45,194	45,194
BlackRock Advisors, LLC	13-Oct-17	no	n/a	collateral transfer	AUD	ORD 2,941	2,941
BlackRock Japan Co., Ltd.	13-Oct-17	no	n/a	collateral transfer	AUD	ORD 14,579	14,579
BlackRock Investment Management, LLC	13-Oct-17	no	n/a	collateral transfer	AUD	ORD 591,979	591,979
BlackRock Investment Management (UK) Limited	13-Oct-17	no	n/a	collateral transfer	AUD	ORD 364,432	364,432
BlackRock Asset Management North Asia Limited	13-Oct-17	no	n/a	collateral transfer	AUD	ORD 244,612	244,612
BlackRock Advisors (UK) Limited	16-Oct-17	yes	6.25	on mkt buy	AUD	ORD 2,212	2,212
BlackRock Advisors (UK) Limited	16-Oct-17	yes	6.25	on mkt buy	AUD	ORD 2,528	2,528
BlackRock Fund Advisors	16-Oct-17	no	n/a	in specie	AUD	ORD 2,433	2,433
BlackRock Fund Advisors	16-Oct-17	no	n/a	in specie	AUD	ORD 303	303
BlackRock Advisors, LLC	16-Oct-17	no	n/a	collateral transfer	AUD	ORD 3,286	3,286
BlackRock Japan Co., Ltd.	16-Oct-17	no	n/a	collateral transfer	AUD	ORD 2,399	2,399

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BlackRock Investment Management (UK) Limited	16-Oct-17	no	n/a	collateral transfer	AUD	ORD	29,614	29,614
BlackRock Asset Management North Asia Limited	16-Oct-17	no	n/a	collateral transfer	AUD	ORD	29,784	29,784
BlackRock Investment Management, LLC	17-Oct-17	yes	6.39	on mkt buy	AUD	ORD	10,197	10,197
BlackRock Investment Management (UK) Limited	17-Oct-17	yes	6.39	on mkt buy	AUD	ORD	2,110	2,110
BlackRock Investment Management (UK) Limited	17-Oct-17	yes	6.39	on mkt buy	AUD	ORD	2,245	2,245
BlackRock Institutional Trust Company, National Association	17-Oct-17	yes	6.39	on mkt buy	AUD	ORD	2,465	2,465
BlackRock Financial Management, Inc.	17-Oct-17	yes	6.39	on mkt buy	AUD	ORD	12,015	12,015
BlackRock Investment Management (UK) Limited	17-Oct-17	yes	6.39	on mkt buy	AUD	ORD	6,428	6,428
BlackRock Institutional Trust Company, National Association	17-Oct-17	yes	6.43	on mkt buy	AUD	ORD	50,000	50,000
BlackRock Advisors (UK) Limited	17-Oct-17	yes	6.43	on mkt buy	AUD	ORD	1,580	1,580
BlackRock Fund Advisors	17-Oct-17	no	n/a	in specie	AUD	ORD	10,875	10,875
BlackRock Advisors, LLC	17-Oct-17	no	n/a	collateral transfer	AUD	ORD	196	196
BlackRock Investment Management (UK) Limited	17-Oct-17	no	n/a	collateral transfer	AUD	ORD	11,507	11,507
BlackRock Asset Management North Asia Limited	17-Oct-17	no	n/a	collateral transfer	AUD	ORD	10,943	10,943
BlackRock Advisors (UK) Limited	18-Oct-17	yes	6.39	on mkt buy	AUD	ORD	731	731
BlackRock Advisors (UK) Limited	18-Oct-17	yes	6.39	on mkt buy	AUD	ORD	1,466	1,466
BlackRock Fund Advisors	18-Oct-17	no	n/a	in specie	AUD	ORD	4,350	4,350
BlackRock Advisors, LLC	18-Oct-17	no	n/a	collateral transfer	AUD	ORD	337	337
BlackRock Japan Co., Ltd.	18-Oct-17	no	n/a	collateral transfer	AUD	ORD	359	359
BlackRock Investment Management, LLC	18-Oct-17	no	n/a	collateral transfer	AUD	ORD	93,508	93,508
BlackRock Investment Management (UK) Limited	18-Oct-17	no	n/a	collateral transfer	AUD	ORD	254,300	254,300
BlackRock Financial Management, Inc.	19-Oct-17	yes	6.41	on mkt buy	AUD	ORD	6,315	6,315
BlackRock Advisors (UK) Limited	19-Oct-17	yes	6.40	on mkt buy	AUD	ORD	239	239
BlackRock Advisors (UK) Limited	19-Oct-17	yes	6.40	on mkt buy	AUD	ORD	426	426
BlackRock Investment Management (Australia) Limited	19-Oct-17	yes	6.40	on mkt buy	AUD	ORD	5,177	5,177
BlackRock Advisors, LLC	19-Oct-17	no	n/a	collateral transfer	AUD	ORD	1,013	1,013
BlackRock Japan Co., Ltd.	19-Oct-17	no	n/a	collateral transfer	AUD	ORD	2,261	2,261
BlackRock Investment Management (UK) Limited	19-Oct-17	no	n/a	collateral transfer	AUD	ORD	65,361	65,361
BlackRock Asset Management North Asia Limited	19-Oct-17	no	n/a	collateral transfer	AUD	ORD	20,025	20,025
BlackRock Advisors (UK) Limited	20-Oct-17	yes	6.39	on mkt buy	AUD	ORD	480	480
BlackRock Advisors (UK) Limited	20-Oct-17	yes	6.39	on mkt buy	AUD	ORD	1,826	1,826
BlackRock Advisors (UK) Limited	20-Oct-17	yes	6.39	on mkt buy	AUD	ORD	1,143	1,143
BlackRock Advisors, LLC	20-Oct-17	no	n/a	collateral transfer	AUD	ORD	342	342
BlackRock Japan Co., Ltd.	20-Oct-17	no	n/a	collateral transfer	AUD	ORD	565	565
BlackRock Investment Management, LLC	20-Oct-17	no	n/a	collateral transfer	AUD	ORD	55,871	55,871
BlackRock Asset Management North Asia Limited	20-Oct-17	no	n/a	collateral transfer	AUD	ORD	14,559	14,559
BlackRock Advisors (UK) Limited	23-Oct-17	yes	6.43	on mkt buy	AUD	ORD	913	913
BlackRock Advisors (UK) Limited	23-Oct-17	no	n/a	collateral transfer	AUD	ORD	42,617	42,617
BlackRock Investment Management, LLC	23-Oct-17	no	n/a	collateral transfer	AUD	ORD	11,144	11,144
BlackRock Advisors (UK) Limited	24-Oct-17	yes	6.45	on mkt buy	AUD	ORD	1,341	1,341
BlackRock Asset Management Canada Limited	24-Oct-17	yes	6.45	on mkt buy	AUD	ORD	1,565	1,565
BlackRock Fund Advisors	24-Oct-17	no	n/a	in specie	AUD	ORD	2,109	2,109
BlackRock Fund Advisors	24-Oct-17	no	n/a	in specie	AUD	ORD	9,139	9,139
BlackRock Investment Management (UK) Limited	24-Oct-17	no	n/a	collateral transfer	AUD	ORD	43,018	43,018
BlackRock Institutional Trust Company, National Association	25-Oct-17	yes	6.41	on mkt buy	AUD	ORD	159,495	159,495
BlackRock Institutional Trust Company, National Association	25-Oct-17	yes	6.41	on mkt buy	AUD	ORD	44,588	44,588

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BlackRock Institutional Trust Company, National Association	25-Oct-17	yes	6.41	on mkt buy	AUD	ORD	44,141	44,141
BlackRock Advisors, LLC	25-Oct-17	yes	6.40	on mkt buy	AUD	ORD	191,191	191,191
BlackRock Fund Advisors	25-Oct-17	no	n/a	in specie	AUD	ORD	10,440	10,440
BlackRock Advisors, LLC	25-Oct-17	no	n/a	collateral transfer	AUD	ORD	6,799	6,799
BlackRock Asset Management North Asia Limited	25-Oct-17	no	n/a	collateral transfer	AUD	ORD	27,385	27,385
BlackRock Fund Advisors	26-Oct-17	no	n/a	in specie	AUD	ORD	2,175	2,175
BlackRock Advisors, LLC	26-Oct-17	no	n/a	collateral transfer	AUD	ORD	6,312	6,312
BlackRock Japan Co., Ltd.	26-Oct-17	no	n/a	collateral transfer	AUD	ORD	7,215	7,215
BlackRock Advisors (UK) Limited	26-Oct-17	no	n/a	collateral transfer	AUD	ORD	1,127,214	1,127,214
BlackRock Investment Management, LLC	26-Oct-17	no	n/a	collateral transfer	AUD	ORD	198,906	198,906
BlackRock Investment Management (UK) Limited	26-Oct-17	no	n/a	collateral transfer	AUD	ORD	448,155	448,155
BlackRock Asset Management North Asia Limited	26-Oct-17	no	n/a	collateral transfer	AUD	ORD	92,124	92,124
BlackRock Advisors (UK) Limited	27-Oct-17	yes	5.96	on mkt buy	AUD	ORD	3,652	3,652
BlackRock Fund Advisors	27-Oct-17	no	n/a	in specie	AUD	ORD	9,732	9,732
BlackRock Fund Advisors	27-Oct-17	no	n/a	in specie	AUD	ORD	303	303
BlackRock Japan Co., Ltd.	27-Oct-17	no	n/a	collateral transfer	AUD	ORD	700	700
BlackRock Investment Management (UK) Limited	27-Oct-17	no	n/a	collateral transfer	AUD	ORD	24,205	24,205
BlackRock Advisors, LLC	30-Oct-17	yes	6.07	on mkt buy	AUD	ORD	236,493	236,493
BlackRock Advisors, LLC	30-Oct-17	yes	6.07	on mkt buy	AUD	ORD	258,376	258,376
BlackRock Advisors, LLC	30-Oct-17	no	n/a	collateral transfer	AUD	ORD	32	32
BlackRock Japan Co., Ltd.	30-Oct-17	no	n/a	collateral transfer	AUD	ORD	92	92
BlackRock Financial Management, Inc.	30-Oct-17	no	n/a	collateral transfer	AUD	ORD	28,768	28,768
BlackRock Japan Co., Ltd.	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	10,462	10,462
BlackRock Institutional Trust Company, National Association	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	6,435	6,435
BlackRock International Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	12,239	12,239
BlackRock Investment Management, LLC	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	6,172	6,172
BlackRock Advisors (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	5,710	5,710
BlackRock Advisors (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	2,865	2,865
BlackRock Investment Management (Australia) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	16,898	16,898
BlackRock Japan Co., Ltd.	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	6,439	6,439
BlackRock Japan Co., Ltd.	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	4,776	4,776
BlackRock Japan Co., Ltd.	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	2,531	2,531
BlackRock Investment Management (Australia) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	1,659	1,659
BlackRock Investment Management (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	4,431	4,431
BlackRock Advisors (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	10,521	10,521
BlackRock Advisors (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	7,509	7,509
BlackRock Advisors, LLC	31-Oct-17	yes	6.16	on mkt buy	AUD	ORD	815,533	815,533
BlackRock Advisors (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	2,528	2,528
BlackRock Advisors (UK) Limited	31-Oct-17	yes	6.15	on mkt buy	AUD	ORD	213	213
BlackRock Fund Advisors	31-Oct-17	no	n/a	in specie	AUD	ORD	303	303
BlackRock Fund Advisors	31-Oct-17	no	n/a	in specie	AUD	ORD	1,622	1,622
BlackRock Japan Co., Ltd.	31-Oct-17	no	n/a	collateral transfer	AUD	ORD	761	761
BlackRock Financial Management, Inc.	31-Oct-17	no	n/a	collateral transfer	AUD	ORD	1,034	1,034
BlackRock Investment Management (UK) Limited	31-Oct-17	no	n/a	collateral transfer	AUD	ORD	42,181	42,181
BlackRock Asset Management North Asia Limited	31-Oct-17	no	n/a	collateral transfer	AUD	ORD	11,721	11,721
BlackRock Advisors, LLC	01-Nov-17	yes	6.19	on mkt buy	AUD	ORD	130,439	130,439
BlackRock Institutional Trust Company, National Association	01-Nov-17	yes	6.22	on mkt buy	AUD	ORD	32,577	32,577
BlackRock Institutional Trust Company, National Association	01-Nov-17	yes	6.22	on mkt buy	AUD	ORD	1,225	1,225
BlackRock Institutional Trust Company, National Association	01-Nov-17	yes	6.22	on mkt buy	AUD	ORD	1,207	1,207
BlackRock Investment Management (Australia) Limited	01-Nov-17	yes	6.22	on mkt buy	AUD	ORD	26,188	26,188

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	01-Nov-17	yes	6.22	on mkt buy	AUD	ORD	8,300	8,300
BlackRock Investment Management (Australia) Limited	01-Nov-17	yes	6.23	on mkt buy	AUD	ORD	12,750	12,750
BlackRock Advisors (UK) Limited	01-Nov-17	yes	6.23	on mkt buy	AUD	ORD	1,143	1,143
BlackRock Advisors (UK) Limited	01-Nov-17	yes	6.23	on mkt buy	AUD	ORD	213	213
BlackRock Advisors, LLC	01-Nov-17	yes	6.23	on mkt buy	AUD	ORD	45,410	45,410
BlackRock Asset Management Canada Limited	01-Nov-17	yes	6.23	on mkt buy	AUD	ORD	14,584	14,584
BlackRock Asset Management Canada Limited	01-Nov-17	yes	6.23	on mkt buy	AUD	ORD	17,040	17,040
BlackRock Fund Advisors	01-Nov-17	no	n/a	in specie	AUD	ORD	811	811
BlackRock Advisors, LLC	01-Nov-17	no	n/a	collateral transfer	AUD	ORD	143	143
BlackRock Japan Co., Ltd.	01-Nov-17	no	n/a	collateral transfer	AUD	ORD	527	527
BlackRock Financial Management, Inc.	01-Nov-17	no	n/a	collateral transfer	AUD	ORD	739	739
BlackRock Investment Management, LLC	01-Nov-17	no	n/a	collateral transfer	AUD	ORD	23,664	23,664
BlackRock Asset Management North Asia Limited	01-Nov-17	no	n/a	collateral transfer	AUD	ORD	14,892	14,892
BlackRock Investment Management (Australia) Limited	02-Nov-17	yes	6.22	on mkt buy	AUD	ORD	419	419
BlackRock Fund Advisors	02-Nov-17	no	n/a	in specie	AUD	ORD	870	870
BlackRock Advisors (UK) Limited	02-Nov-17	no	n/a	collateral transfer	AUD	ORD	393,316	393,316
BlackRock Investment Management, LLC	02-Nov-17	no	n/a	collateral transfer	AUD	ORD	8,353	8,353
BlackRock Asset Management North Asia Limited	02-Nov-17	no	n/a	collateral transfer	AUD	ORD	4,790	4,790
BlackRock Advisors (UK) Limited	03-Nov-17	yes	6.21	on mkt buy	AUD	ORD	2,286	2,286
BlackRock Fund Advisors	03-Nov-17	no	n/a	in specie	AUD	ORD	606	606
BlackRock Advisors (UK) Limited	06-Nov-17	yes	6.06	on mkt buy	AUD	ORD	3,160	3,160
BlackRock Fund Advisors	06-Nov-17	no	n/a	in specie	AUD	ORD	6,525	6,525
BlackRock Japan Co., Ltd.	06-Nov-17	no	n/a	collateral transfer	AUD	ORD	146	146
BlackRock Asset Management North Asia Limited	06-Nov-17	no	n/a	collateral transfer	AUD	ORD	2,593	2,593
BlackRock Investment Management, LLC	07-Nov-17	yes	6.12	on mkt buy	AUD	ORD	9,743	9,743
BlackRock Advisors (UK) Limited	07-Nov-17	yes	5.99	on mkt buy	AUD	ORD	10,428	10,428
BlackRock Advisors (UK) Limited	07-Nov-17	yes	5.99	on mkt buy	AUD	ORD	212,192	212,192
BlackRock Asset Management Canada Limited	07-Nov-17	yes	5.99	on mkt buy	AUD	ORD	21,538	21,538
BlackRock Fund Advisors	07-Nov-17	no	n/a	in specie	AUD	ORD	1,449	1,449
BlackRock Advisors, LLC	07-Nov-17	no	n/a	collateral transfer	AUD	ORD	181	181
BlackRock Japan Co., Ltd.	07-Nov-17	no	n/a	collateral transfer	AUD	ORD	3,105,216	3,105,216
BlackRock Financial Management, Inc.	07-Nov-17	no	n/a	collateral transfer	AUD	ORD	911	911
BlackRock Asset Management North Asia Limited	07-Nov-17	no	n/a	collateral transfer	AUD	ORD	13,082	13,082
BlackRock Institutional Trust Company, National Association	08-Nov-17	yes	6.05	on mkt buy	AUD	ORD	100,922	100,922
BlackRock Institutional Trust Company, National Association	08-Nov-17	yes	6.05	on mkt buy	AUD	ORD	23,262	23,262
BlackRock Institutional Trust Company, National Association	08-Nov-17	yes	6.05	on mkt buy	AUD	ORD	23,216	23,216
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	13,273	13,273
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	38,503	38,503
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	4,883	4,883
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	45,735	45,735
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	67,507	67,507
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	4,728	4,728
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	6.02	on mkt buy	AUD	ORD	23,014	23,014
BlackRock Advisors (UK) Limited	08-Nov-17	yes	6.03	on mkt buy	AUD	ORD	913	913
BlackRock Advisors (UK) Limited	08-Nov-17	yes	6.03	on mkt buy	AUD	ORD	426	426

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BlackRock Institutional Trust Company, National Association	08-Nov-17	yes	6.03	on mkt buy	AUD	ORD	21,766	21,766
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ORD	3,220	3,220
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ORD	3,515	3,515
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ORD	2,610	2,610
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ORD	4,785	4,785
BlackRock Japan Co., Ltd.	09-Nov-17	yes	6.02	on mkt buy	AUD	ORD	37,920	37,920
BlackRock Advisors (UK) Limited	09-Nov-17	yes	6.02	on mkt buy	AUD	ORD	1,444	1,444
BlackRock Japan Co., Ltd.	09-Nov-17	no	n/a	collateral transfer	AUD	ORD	16,924	16,924
BlackRock Advisors (UK) Limited	10-Nov-17	yes	5.92	on mkt buy	AUD	ORD	1,143	1,143
BlackRock Fund Advisors	10-Nov-17	no	n/a	in specie	AUD	ORD	1,622	1,622
BlackRock Investment Management (UK) Limited	10-Nov-17	no	n/a	in specie	AUD	ORD	3,028	3,028
BlackRock Advisors, LLC	10-Nov-17	no	n/a	collateral transfer	AUD	ORD	1,760	1,760
BlackRock Japan Co., Ltd.	10-Nov-17	no	n/a	collateral transfer	AUD	ORD	9,035	9,035
BlackRock Financial Management, Inc.	10-Nov-17	no	n/a	collateral transfer	AUD	ORD	10,945	10,945
BlackRock Investment Management, LLC	10-Nov-17	no	n/a	collateral transfer	AUD	ORD	227,909	227,909
BlackRock Investment Management (UK) Limited	10-Nov-17	no	n/a	collateral transfer	AUD	ORD	471,273	471,273
BlackRock Asset Management North Asia Limited	10-Nov-17	no	n/a	collateral transfer	AUD	ORD	121,356	121,356
BlackRock Advisors (UK) Limited	13-Nov-17	yes	5.93	on mkt buy	AUD	ORD	11,661	11,661
BlackRock Advisors, LLC	13-Nov-17	no	n/a	collateral transfer	AUD	ORD	420	420
BlackRock Japan Co., Ltd.	13-Nov-17	no	n/a	collateral transfer	AUD	ORD	2,191	2,191
BlackRock Advisors (UK) Limited	13-Nov-17	no	n/a	collateral transfer	AUD	ORD	243,351	243,351
BlackRock Financial Management, Inc.	13-Nov-17	no	n/a	collateral transfer	AUD	ORD	3,938	3,938
BlackRock Investment Management, LLC	13-Nov-17	no	n/a	collateral transfer	AUD	ORD	52,918	52,918
BlackRock Asset Management North Asia Limited	13-Nov-17	no	n/a	collateral transfer	AUD	ORD	29,895	29,895
BlackRock Investment Management (Australia) Limited	14-Nov-17	yes	5.76	on mkt buy	AUD	ORD	25,685	25,685
BlackRock Investment Management (Australia) Limited	14-Nov-17	yes	5.76	on mkt buy	AUD	ORD	1,673	1,673
BlackRock Investment Management (Australia) Limited	14-Nov-17	yes	5.75	on mkt buy	AUD	ORD	17,442	17,442
BlackRock Fund Advisors	14-Nov-17	no	n/a	in specie	AUD	ORD	2,175	2,175
BlackRock Advisors, LLC	14-Nov-17	no	n/a	collateral transfer	AUD	ORD	112	112
BlackRock Japan Co., Ltd.	14-Nov-17	no	n/a	collateral transfer	AUD	ORD	70,639	70,639
BlackRock Financial Management, Inc.	14-Nov-17	no	n/a	collateral transfer	AUD	ORD	28	28
BlackRock Investment Management (UK) Limited	14-Nov-17	no	n/a	collateral transfer	AUD	ORD	10,613	10,613
BlackRock Asset Management North Asia Limited	14-Nov-17	no	n/a	collateral transfer	AUD	ORD	6,462	6,462
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	6,734	6,734
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	13,091	13,091
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	2,076	2,076
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	15,400	15,400
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	58,605	58,605
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	2,251	2,251
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.90	on mkt buy	AUD	ORD	10,800	10,800
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	5.91	on mkt buy	AUD	ORD	14,875	14,875
BlackRock Fund Advisors	15-Nov-17	no	n/a	in specie	AUD	ORD	5,655	5,655
BlackRock Advisors, LLC	15-Nov-17	no	n/a	collateral transfer	AUD	ORD	95	95

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BlackRock Japan Co., Ltd.	15-Nov-17	no	n/a	collateral transfer	AUD	ORD 103	103
BlackRock Financial Management, Inc.	15-Nov-17	no	n/a	collateral transfer	AUD	ORD 498	498
BlackRock Investment Management (UK) Limited	15-Nov-17	no	n/a	collateral transfer	AUD	ORD 777	777
BlackRock Asset Management North Asia Limited	15-Nov-17	no	n/a	collateral transfer	AUD	ORD 3,201	3,201
BlackRock Institutional Trust Company, National Association	16-Nov-17	yes	5.93	on mkt buy	AUD	ORD 3,887	3,887
BlackRock Investment Management (Australia) Limited	16-Nov-17	yes	5.94	on mkt buy	AUD	ORD 609	609
BlackRock Investment Management, LLC	16-Nov-17	yes	5.93	on mkt buy	AUD	ORD 2,614	2,614
BlackRock Institutional Trust Company, National Association	16-Nov-17	yes	5.93	on mkt buy	AUD	ORD 57,235	57,235
BlackRock Institutional Trust Company, National Association	16-Nov-17	yes	5.93	on mkt buy	AUD	ORD 4,233	4,233
BlackRock Advisors (UK) Limited	16-Nov-17	yes	5.89	on mkt buy	AUD	ORD 241	241
BlackRock Fund Advisors	16-Nov-17	no	n/a	in specie	AUD	ORD 12,180	12,180
BlackRock Fund Advisors	16-Nov-17	no	n/a	in specie	AUD	ORD 2,175	2,175
BlackRock Fund Advisors	16-Nov-17	no	n/a	in specie	AUD	ORD 14,856	14,856
BlackRock Japan Co., Ltd.	16-Nov-17	no	n/a	collateral transfer	AUD	ORD 1,195,256	1,195,256
BlackRock Investment Management, LLC	16-Nov-17	no	n/a	collateral transfer	AUD	ORD 9,159	9,159
BlackRock Asset Management North Asia Limited	16-Nov-17	no	n/a	collateral transfer	AUD	ORD 1,580	1,580
BlackRock Advisors (UK) Limited	17-Nov-17	yes	5.84	on mkt buy	AUD	ORD 221	221
BlackRock Fund Advisors	17-Nov-17	no	n/a	in specie	AUD	ORD 1,932	1,932
BlackRock Asset Management North Asia Limited	17-Nov-17	no	n/a	collateral transfer	AUD	ORD 43,158	43,158
BlackRock Investment Management, LLC	20-Nov-17	yes	5.78	on mkt buy	AUD	ORD 7,075	7,075
BlackRock Advisors, LLC	20-Nov-17	no	n/a	collateral transfer	AUD	ORD 15	15
BlackRock Japan Co., Ltd.	20-Nov-17	no	n/a	collateral transfer	AUD	ORD 8,871	8,871
BlackRock Financial Management, Inc.	20-Nov-17	no	n/a	collateral transfer	AUD	ORD 227	227
BlackRock Investment Management (UK) Limited	20-Nov-17	no	n/a	collateral transfer	AUD	ORD 10,100	10,100
BlackRock Asset Management North Asia Limited	20-Nov-17	no	n/a	collateral transfer	AUD	ORD 4,369	4,369
BlackRock Investment Management (Australia) Limited	21-Nov-17	yes	5.77	on mkt buy	AUD	ORD 48,415	48,415
BlackRock Investment Management (Australia) Limited	21-Nov-17	yes	5.77	on mkt buy	AUD	ORD 4,337	4,337
BlackRock Advisors (UK) Limited	21-Nov-17	yes	5.77	on mkt buy	AUD	ORD 1,145	1,145
BlackRock Fund Advisors	21-Nov-17	no	n/a	in specie	AUD	ORD 1,622	1,622
BlackRock Fund Advisors	21-Nov-17	no	n/a	in specie	AUD	ORD 3,880	3,880
BlackRock Advisors, LLC	21-Nov-17	no	n/a	collateral transfer	AUD	ORD 1,893	1,893
BlackRock Financial Management, Inc.	21-Nov-17	no	n/a	collateral transfer	AUD	ORD 546	546
BlackRock Investment Management, LLC	21-Nov-17	no	n/a	collateral transfer	AUD	ORD 12,754	12,754
BlackRock Investment Management (UK) Limited	21-Nov-17	no	n/a	collateral transfer	AUD	ORD 4,897	4,897
BlackRock Institutional Trust Company, National Association	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 3,555	3,555
BlackRock Investment Management, LLC	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 5,628	5,628
BlackRock Institutional Trust Company, National Association	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 8,305	8,305
BlackRock Advisors (UK) Limited	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 11,026	11,026
BlackRock Japan Co., Ltd.	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 10,797	10,797
BlackRock Japan Co., Ltd.	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 9,103	9,103
BlackRock Japan Co., Ltd.	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 6,108	6,108
BlackRock Japan Co., Ltd.	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 3,841	3,841
BlackRock Advisors, LLC	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 8,398	8,398
BlackRock Asset Management Canada Limited	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 3,927	3,927
BlackRock Investment Management, LLC	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 2,759	2,759
BlackRock International Limited	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 12,576	12,576
BlackRock Institutional Trust Company, National Association	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 53,683	53,683
BlackRock Institutional Trust Company, National Association	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 3,694	3,694

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BlackRock Investment Management (UK) Limited	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 5,995	5,995
BlackRock Advisors (UK) Limited	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 7,086	7,086
BlackRock Advisors (UK) Limited	22-Nov-17	yes	5.73	on mkt buy	AUD	ORD 5,585	5,585
BlackRock Investment Management (Australia) Limited	22-Nov-17	yes	5.70	on mkt buy	AUD	ORD 6,785	6,785
BlackRock Fund Advisors	22-Nov-17	no	n/a	in specie	AUD	ORD 7,160	7,160
BlackRock Fund Advisors	22-Nov-17	no	n/a	in specie	AUD	ORD 2,250	2,250
BlackRock Japan Co., Ltd.	23-Nov-17	no	n/a	collateral transfer	AUD	ORD 531,391	531,391
BlackRock Advisors (UK) Limited	24-Nov-17	yes	5.57	on mkt buy	AUD	ORD 1,580	1,580
BlackRock Advisors (UK) Limited	24-Nov-17	yes	5.57	on mkt buy	AUD	ORD 422	422
BlackRock Investment Management (UK) Limited	24-Nov-17	no	n/a	in specie	AUD	ORD 12,279	12,279
BlackRock Investment Management (UK) Limited	24-Nov-17	no	n/a	in specie	AUD	ORD 11,472	11,472
BlackRock Japan Co., Ltd.	24-Nov-17	no	n/a	collateral transfer	AUD	ORD 677,659	677,659
BlackRock Investment Management (Australia) Limited	27-Nov-17	yes	5.60	on mkt buy	AUD	ORD 212,500	212,500
BlackRock Advisors (UK) Limited	27-Nov-17	yes	5.60	on mkt buy	AUD	ORD 5,490	5,490
BlackRock Japan Co., Ltd.	27-Nov-17	no	n/a	collateral transfer	AUD	ORD 1,319,443	1,319,443
BlackRock Investment Management (Australia) Limited	28-Nov-17	yes	5.61	on mkt buy	AUD	ORD 10,449	10,449
BlackRock Investment Management (Australia) Limited	28-Nov-17	yes	5.61	on mkt buy	AUD	ORD 1,365	1,365
BlackRock Investment Management (Australia) Limited	28-Nov-17	yes	5.62	on mkt buy	AUD	ORD 229,500	229,500
BlackRock Advisors (UK) Limited	28-Nov-17	yes	5.62	on mkt buy	AUD	ORD 228	228
BlackRock Investment Management (Australia) Limited	28-Nov-17	yes	5.62	on mkt buy	AUD	ORD 17,836	17,836
BlackRock Fund Advisors	28-Nov-17	yes	5.62	on mkt buy	AUD	ORD 909	909
BlackRock Fund Advisors	28-Nov-17	yes	5.62	on mkt buy	AUD	ORD 11,354	11,354
BlackRock Fund Advisors	28-Nov-17	yes	5.62	on mkt buy	AUD	ORD 1,108	1,108
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 6,688	6,688
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 22,239	22,239
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 3,380	3,380
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 25,194	25,194
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 2,392	2,392
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 10,584	10,584
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	5.65	on mkt buy	AUD	ORD 89,250	89,250
BlackRock Fund Advisors	29-Nov-17	no	n/a	in specie	AUD	ORD 1,610	1,610
BlackRock Fund Advisors	29-Nov-17	no	n/a	in specie	AUD	ORD 1,662	1,662
BlackRock Japan Co., Ltd.	29-Nov-17	no	n/a	collateral transfer	AUD	ORD 1,590,192	1,590,192
BlackRock Advisors (UK) Limited	29-Nov-17	no	n/a	collateral transfer	AUD	ORD 91,877	91,877
BlackRock Investment Management, LLC	29-Nov-17	no	n/a	collateral transfer	AUD	ORD 1,089	1,089
BlackRock Investment Management (UK) Limited	29-Nov-17	no	n/a	collateral transfer	AUD	ORD 370,923	370,923
BlackRock Asset Management North Asia Limited	29-Nov-17	no	n/a	collateral transfer	AUD	ORD 2,988	2,988
BlackRock Institutional Trust Company, National Association	30-Nov-17	yes	5.71	on mkt buy	AUD	ORD 27,655	27,655
BlackRock International Limited	30-Nov-17	yes	5.73	on mkt buy	AUD	ORD 7,807	7,807
BlackRock Investment Management (UK) Limited	30-Nov-17	no	n/a	collateral transfer	AUD	ORD 28	28
BlackRock Investment Management, LLC	01-Dec-17	no	n/a	collateral transfer	AUD	ORD 9	9
BlackRock Investment Management (UK) Limited	01-Dec-17	no	n/a	collateral transfer	AUD	ORD 10	10
BlackRock Institutional Trust Company, National Association	04-Dec-17	yes	5.62	on mkt buy	AUD	ORD 5,365	5,365
BlackRock Investment Management (Australia) Limited	04-Dec-17	yes	5.62	on mkt buy	AUD	ORD 54,411	54,411
BlackRock Japan Co., Ltd.	04-Dec-17	no	n/a	collateral transfer	AUD	ORD 9	9

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BlackRock Investment Management, LLC	04-Dec-17	no	n/a	collateral transfer	AUD	ORD 11	11
BlackRock Asset Management North Asia Limited	04-Dec-17	no	n/a	collateral transfer	AUD	ORD 35	35
BlackRock Japan Co., Ltd.	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 23,017	23,017
BlackRock Institutional Trust Company, National Association	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 6,280	6,280
BlackRock Investment Management, LLC	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 11,061	11,061
BlackRock Investment Management (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 2,620	2,620
BlackRock Investment Management (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 2,818	2,818
BlackRock Institutional Trust Company, National Association	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 2,343	2,343
BlackRock Advisors (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 17,751	17,751
BlackRock Advisors (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 2,442	2,442
BlackRock Japan Co., Ltd.	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 11,088	11,088
BlackRock Japan Co., Ltd.	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 6,564	6,564
BlackRock Japan Co., Ltd.	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 3,988	3,988
BlackRock Financial Management, Inc.	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 2,343	2,343
BlackRock Asset Management Canada Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 7,189	7,189
BlackRock Investment Management, LLC	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 3,752	3,752
BlackRock Investment Management (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 2,435	2,435
BlackRock Institutional Trust Company, National Association	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 99,506	99,506
BlackRock Institutional Trust Company, National Association	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 5,885	5,885
BlackRock Investment Management (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 8,977	8,977
BlackRock Advisors (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 14,970	14,970
BlackRock Advisors (UK) Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 11,299	11,299
BlackRock Financial Management, Inc.	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 4,910	4,910
BlackRock Institutional Trust Company, National Association	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 12,580	12,580
BlackRock International Limited	05-Dec-17	yes	5.51	on mkt buy	AUD	ORD 28,343	28,343
BlackRock Investment Management, LLC	05-Dec-17	no	n/a	collateral transfer	AUD	ORD 12	12
BlackRock Asset Management North Asia Limited	05-Dec-17	no	n/a	collateral transfer	AUD	ORD 92	92
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 6,404	6,404
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 8,087	8,087
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 3,271	3,271
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 20,468	20,468
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 54,378	54,378
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 2,232	2,232
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.37	on mkt buy	AUD	ORD 9,998	9,998
BlackRock Investment Management (Australia) Limited	06-Dec-17	yes	5.35	on mkt buy	AUD	ORD 12,750	12,750
BlackRock Advisors (UK) Limited	06-Dec-17	no	n/a	in specie	AUD	ORD 8,057	8,057
BlackRock Investment Management, LLC	06-Dec-17	no	n/a	collateral transfer	AUD	ORD 3	3
BlackRock Investment Management (UK) Limited	06-Dec-17	no	n/a	collateral transfer	AUD	ORD 183	183
BlackRock Investment Management (Australia) Limited	07-Dec-17	yes	5.38	on mkt buy	AUD	ORD 16,535	16,535
BlackRock Advisors, LLC	07-Dec-17	yes	5.38	on mkt buy	AUD	ORD 6,875	6,875
BlackRock Investment Management (Australia) Limited	07-Dec-17	yes	5.38	on mkt buy	AUD	ORD 6,903	6,903
BlackRock Institutional Trust Company, National Association	07-Dec-17	yes	5.38	on mkt buy	AUD	ORD 45,045	45,045
BlackRock Japan Co., Ltd.	07-Dec-17	no	n/a	collateral transfer	AUD	ORD 24	24
BlackRock Advisors (UK) Limited	07-Dec-17	no	n/a	collateral transfer	AUD	ORD 317,260	317,260
BlackRock Investment Management, LLC	07-Dec-17	no	n/a	collateral transfer	AUD	ORD 26	26

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Investment Management (UK) Limited	07-Dec-17	no	n/a	collateral transfer	AUD	ORD 6	6
BlackRock Investment Management (Australia) Limited	08-Dec-17	yes	5.34	on mkt buy	AUD	ORD 17,256	17,256
BlackRock Advisors, LLC	08-Dec-17	yes	5.34	on mkt buy	AUD	ORD 10,388	10,388
BlackRock Investment Management (UK) Limited	08-Dec-17	no	n/a	in specie	AUD	ORD 3,647	3,647
BlackRock Investment Management (UK) Limited	08-Dec-17	no	n/a	in specie	AUD	ORD 13,355	13,355
BlackRock Investment Management (UK) Limited	08-Dec-17	no	n/a	in specie	AUD	ORD 6,916	6,916
BlackRock Japan Co., Ltd.	08-Dec-17	no	n/a	collateral transfer	AUD	ORD 1,101,768	1,101,768
BlackRock Advisors (UK) Limited	08-Dec-17	no	n/a	collateral transfer	AUD	ORD 898,270	898,270
BlackRock Investment Management (UK) Limited	08-Dec-17	no	n/a	collateral transfer	AUD	ORD 156	156
BlackRock Investment Management, LLC	11-Dec-17	yes	5.40	on mkt buy	AUD	ORD 2,879	2,879
BlackRock Japan Co., Ltd.	11-Dec-17	yes	5.30	on mkt buy	AUD	ORD 13,925	13,925
BlackRock Investment Management (UK) Limited	11-Dec-17	no	n/a	collateral transfer	AUD	ORD 132	132
BlackRock Institutional Trust Company, National Association	12-Dec-17	yes	5.31	on mkt buy	AUD	ORD 9,427	9,427
BlackRock Japan Co., Ltd.	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 15,217	15,217
BlackRock International Limited	12-Dec-17	yes	5.31	on mkt buy	AUD	ORD 20,434	20,434
BlackRock Institutional Trust Company, National Association	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 3,970	3,970
BlackRock Investment Management, LLC	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 7,640	7,640
BlackRock Advisors (UK) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 12,795	12,795
BlackRock Advisors (UK) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 3,031	3,031
BlackRock Investment Management (Australia) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 13,314	13,314
BlackRock Japan Co., Ltd.	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 8,728	8,728
BlackRock Japan Co., Ltd.	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 4,658	4,658
BlackRock Advisors, LLC	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 4,895	4,895
BlackRock Investment Management (Australia) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 1,230	1,230
BlackRock Asset Management Canada Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 4,557	4,557
BlackRock Investment Management, LLC	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 2,512	2,512
BlackRock Institutional Trust Company, National Association	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 91,733	91,733
BlackRock Institutional Trust Company, National Association	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 4,914	4,914
BlackRock Investment Management (UK) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 5,526	5,526
BlackRock Advisors (UK) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 9,812	9,812
BlackRock Advisors (UK) Limited	12-Dec-17	yes	5.32	on mkt buy	AUD	ORD 6,732	6,732
BlackRock Japan Co., Ltd.	12-Dec-17	no	n/a	collateral transfer	AUD	ORD 3	3
BlackRock Investment Management, LLC	12-Dec-17	no	n/a	collateral transfer	AUD	ORD 76	76
BlackRock Asset Management North Asia Limited	12-Dec-17	no	n/a	collateral transfer	AUD	ORD 555	555
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 14,583	14,583
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 46,234	46,234
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 7,127	7,127
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 50,908	50,908
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 93,314	93,314
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 5,102	5,102
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.29	on mkt buy	AUD	ORD 27,691	27,691
BlackRock Investment Management, LLC	13-Dec-17	yes	5.36	on mkt buy	AUD	ORD 12,481	12,481
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.36	on mkt buy	AUD	ORD 5,355	5,355
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.36	on mkt buy	AUD	ORD 120,063	120,063
BlackRock Investment Management (Australia) Limited	13-Dec-17	yes	5.36	on mkt buy	AUD	ORD 318,043	318,043

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Investment Management, LLC	13-Dec-17	no	n/a	collateral transfer	AUD	ORD 6	6
BlackRock Asset Management North Asia Limited	13-Dec-17	no	n/a	collateral transfer	AUD	ORD 22	22
BlackRock Institutional Trust Company, National Association	14-Dec-17	yes	5.23	on mkt buy	AUD	ORD 49,883	49,883
BlackRock Advisors (UK) Limited	14-Dec-17	no	n/a	collateral transfer	AUD	ORD 110,000	110,000
BlackRock Investment Management (UK) Limited	14-Dec-17	no	n/a	collateral transfer	AUD	ORD 92	92
BlackRock Advisors, LLC	15-Dec-17	yes	5.18	on mkt buy	AUD	ORD 436,279	436,279
BlackRock Financial Management, Inc.	15-Dec-17	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Investment Management, LLC	15-Dec-17	no	n/a	collateral transfer	AUD	ORD 5	5
BlackRock Asset Management North Asia Limited	15-Dec-17	no	n/a	collateral transfer	AUD	ORD 19	19
BlackRock Japan Co., Ltd.	18-Dec-17	no	n/a	collateral transfer	AUD	ORD 3	3
BlackRock Financial Management, Inc.	18-Dec-17	no	n/a	collateral transfer	AUD	ORD 290,366	290,366
BlackRock Investment Management, LLC	18-Dec-17	no	n/a	collateral transfer	AUD	ORD 1,328,108	1,328,108
BlackRock Investment Management (UK) Limited	18-Dec-17	no	n/a	collateral transfer	AUD	ORD 3,592	3,592
BlackRock Investment Management (Australia) Limited	19-Dec-17	yes	5.20	on mkt buy	AUD	ORD 1,324	1,324
BlackRock Investment Management (Australia) Limited	19-Dec-17	yes	5.20	on mkt buy	AUD	ORD 29,420	29,420
BlackRock Investment Management (Australia) Limited	19-Dec-17	yes	5.20	on mkt buy	AUD	ORD 3,034	3,034
BlackRock Investment Management (Australia) Limited	19-Dec-17	yes	5.20	on mkt buy	AUD	ORD 595	595
BlackRock Institutional Trust Company, National Association	19-Dec-17	yes	5.20	on mkt buy	AUD	ORD 5,466	5,466
BlackRock Investment Management (Australia) Limited	19-Dec-17	yes	5.19	on mkt buy	AUD	ORD 7,478	7,478
BlackRock Investment Management (Australia) Limited	19-Dec-17	yes	5.19	on mkt buy	AUD	ORD 1,467	1,467
BlackRock Institutional Trust Company, National Association	19-Dec-17	yes	5.19	on mkt buy	AUD	ORD 22,960	22,960
BlackRock Advisors (UK) Limited	19-Dec-17	no	n/a	collateral transfer	AUD	ORD 342,128	342,128
BlackRock Financial Management, Inc.	19-Dec-17	no	n/a	collateral transfer	AUD	ORD 68,173	68,173
BlackRock Investment Management, LLC	19-Dec-17	no	n/a	collateral transfer	AUD	ORD 308,932	308,932
BlackRock Investment Management (UK) Limited	19-Dec-17	no	n/a	collateral transfer	AUD	ORD 1,096	1,096
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.26	on mkt buy	AUD	ORD 4,528	4,528
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.26	on mkt buy	AUD	ORD 12,880	12,880
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.26	on mkt buy	AUD	ORD 2,076	2,076
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.26	on mkt buy	AUD	ORD 19,623	19,623
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.26	on mkt buy	AUD	ORD 2,300	2,300
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.27	on mkt buy	AUD	ORD 5,782	5,782
BlackRock Investment Management (Australia) Limited	20-Dec-17	yes	5.27	on mkt buy	AUD	ORD 11,941	11,941
BlackRock Fund Advisors	20-Dec-17	no	n/a	in specie	AUD	ORD 5,607	5,607
BlackRock Investment Management, LLC	20-Dec-17	no	n/a	collateral transfer	AUD	ORD 2,773	2,773
BlackRock Investment Management (UK) Limited	20-Dec-17	no	n/a	collateral transfer	AUD	ORD 553	553
BlackRock Japan Co., Ltd.	21-Dec-17	no	n/a	collateral transfer	AUD	ORD 1	1
BlackRock Advisors (UK) Limited	21-Dec-17	no	n/a	collateral transfer	AUD	ORD 2	2
BlackRock Asset Management North Asia Limited	21-Dec-17	no	n/a	collateral transfer	AUD	ORD 23	23
BlackRock Japan Co., Ltd.	22-Dec-17	no	n/a	collateral transfer	AUD	ORD 8	8

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	22-Dec-17	no	n/a	collateral transfer	AUD	ORD	597	597
BlackRock Japan Co., Ltd.	26-Dec-17	no	n/a	collateral transfer	AUD	ORD	3,251,185	3,251,185
BlackRock Advisors (UK) Limited	26-Dec-17	no	n/a	collateral transfer	AUD	ORD	1,207,127	1,207,127
BlackRock Investment Management, LLC	26-Dec-17	no	n/a	collateral transfer	AUD	ORD	1,077	1,077
BlackRock Investment Management (UK) Limited	26-Dec-17	no	n/a	collateral transfer	AUD	ORD	372,075	372,075
BlackRock Asset Management North Asia Limited	26-Dec-17	no	n/a	collateral transfer	AUD	ORD	1,848	1,848
BlackRock Investment Management (Australia) Limited	27-Dec-17	yes	5.06	on mkt buy	AUD	ORD	9,468	9,468
BlackRock Fund Advisors	27-Dec-17	no	n/a	in specie	AUD	ORD	1,869	1,869
BlackRock Japan Co., Ltd.	27-Dec-17	no	n/a	collateral transfer	AUD	ORD	13	13
BlackRock Advisors (UK) Limited	27-Dec-17	no	n/a	collateral transfer	AUD	ORD	1,993,611	1,993,611
BlackRock Investment Management (UK) Limited	27-Dec-17	no	n/a	collateral transfer	AUD	ORD	4	4
BlackRock Asset Management North Asia Limited	27-Dec-17	no	n/a	collateral transfer	AUD	ORD	3	3

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

Maria Tricarico,
Authorised Signatory

29-Dec-17
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 (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 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

29-Dec-17
 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 QANTAS AIRWAYS LTD or the Australian Securities and Investments Commission upon request.