

Form 603Corporations 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.

12-Dec-17

Kayla Mulvihill,
Authorised Signatory

Date

3. Details of Relevant Interests

4. Details of present registered holders

6. Associates

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock (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-BANK OF NY BRUS		ord 119,155	119,155	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 3,459,110	3,459,110	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 4,655,852	4,655,852	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 BANK, GERMANY		ord 898,270	898,270	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 1,391,436	1,391,436	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 1,302,593	1,302,593	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 782,427	782,427	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.	NT-NORTHERN TRUST CO. - CHICAGO		ord 101,346	101,346	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 728,983	728,983	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 2,738	2,738	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 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 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.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	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-SSB NEW YORK INSTITUTIONAL		ord 4,303,680	4,303,680	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 102,821	102,821	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 9,913,377	9,913,377	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.	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.	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.	MS-MORGAN STANLEY & CO INC		ord 346,209	346,209	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 587,445	587,445	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.
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 11,045,064	11,045,064	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 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 2,533,911	2,533,911	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 107,533	107,533	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 1,547,884	1,547,884	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 6,945,905	6,945,905	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ord 1,321,504	1,321,504	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 (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.	BNYM-BONY EUROPE - LONDON		ord 932,759	932,759	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	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.	CITI-CITIBANK, LONDON		ord 630,026	630,026	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 336,597	336,597	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 294,858	294,858	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.	PICT-PICTET & CIE		ord 201,855	201,855	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.	SSB-State Street Bank S.p.A		ord 562,140	562,140	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 1,106	1,106	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 457,917	457,917	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 119,737	119,737	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 326,973	326,973	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK LUXEMBOURG		ord 859,630	859,630	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 16,818	16,818	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 660,601	660,601	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 3,070,766	3,070,766	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.	MITSUMI-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 4,245,643	4,245,643	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 214,541	214,541	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 1,658,994	1,658,994	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ord 1,503,335	1,503,335	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 141,582	141,582	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	JPM-JPM CHASE - SYDNEY		ord 5,779,550	5,779,550	subsidiary of BlackRock Inc.

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

12-Dec-17
Date

Kayla Mulvihill,
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 Advisors (UK) Limited	09-Aug-17	yes	5.67	on mkt buy	AUD	ord	424	424
BlackRock Investment Management (Australia) Limited	09-Aug-17	yes	5.67	on mkt buy	AUD	ord	14,069	14,069
BlackRock Fund Advisors	09-Aug-17	no	n/a	in specie	AUD	ord	4,500	4,500
BlackRock Advisors, LLC	09-Aug-17	no	n/a	collateral transfer	AUD	ord	745	745
BlackRock Financial Management, Inc.	09-Aug-17	no	n/a	collateral transfer	AUD	ord	59	59
BlackRock Investment Management, LLC	09-Aug-17	no	n/a	collateral transfer	AUD	ord	16,622	16,622
BlackRock Investment Management (UK) Limited	09-Aug-17	no	n/a	collateral transfer	AUD	ord	57,095	57,095
BlackRock Fund Advisors	11-Aug-17	no	n/a	in specie	AUD	ord	4,068	4,068
BlackRock Investment Management (UK) Limited	11-Aug-17	no	n/a	in specie	AUD	ord	9,968	9,968
BlackRock Advisors, LLC	11-Aug-17	no	n/a	collateral transfer	AUD	ord	25,211	25,211
BlackRock Japan Co., Ltd.	11-Aug-17	no	n/a	collateral transfer	AUD	ord	22,334	22,334
BlackRock Advisors (UK) Limited	11-Aug-17	no	n/a	collateral transfer	AUD	ord	4,527,363	4,527,363
BlackRock Financial Management, Inc.	11-Aug-17	no	n/a	collateral transfer	AUD	ord	155	155
BlackRock Investment Management, LLC	11-Aug-17	no	n/a	collateral transfer	AUD	ord	3,025,137	3,025,137
BlackRock Investment Management (UK) Limited	11-Aug-17	no	n/a	collateral transfer	AUD	ord	1,506,598	1,506,598
BlackRock Asset Management North Asia Limited	11-Aug-17	no	n/a	collateral transfer	AUD	ord	156,244	156,244
BlackRock Asset Management Canada Limited	14-Aug-17	yes	5.75	on mkt buy	AUD	ord	49,791	49,791
BlackRock Advisors (UK) Limited	14-Aug-17	no	n/a	in specie	AUD	ord	6,852	6,852
BlackRock Fund Advisors	14-Aug-17	no	n/a	in specie	AUD	ord	7,428	7,428
BlackRock Advisors, LLC	14-Aug-17	no	n/a	collateral transfer	AUD	ord	5,321	5,321
BlackRock Japan Co., Ltd.	14-Aug-17	no	n/a	collateral transfer	AUD	ord	3,600	3,600
BlackRock Financial Management, Inc.	14-Aug-17	no	n/a	collateral transfer	AUD	ord	21	21
BlackRock Investment Management, LLC	14-Aug-17	no	n/a	collateral transfer	AUD	ord	2,233,191	2,233,191
BlackRock Asset Management North Asia Limited	14-Aug-17	no	n/a	collateral transfer	AUD	ord	32,549	32,549
BlackRock Investment Management, LLC	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	4,328	4,328
BlackRock Investment Management (UK) Limited	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	2,211	2,211
BlackRock Investment Management (UK) Limited	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	2,276	2,276
BlackRock Institutional Trust Company, National Association	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	2,211	2,211
BlackRock Japan Co., Ltd.	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	5,240	5,240
BlackRock Japan Co., Ltd.	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	3,673	3,673
BlackRock International Limited	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	12,049	12,049
BlackRock Advisors (UK) Limited	15-Aug-17	yes	5.79	on mkt buy	AUD	ord	25,898	25,898
BlackRock Advisors (UK) Limited	15-Aug-17	yes	5.78	on mkt buy	AUD	ord	239	239
BlackRock Advisors, LLC	15-Aug-17	no	n/a	collateral transfer	AUD	ord	35,981	35,981
BlackRock Japan Co., Ltd.	15-Aug-17	no	n/a	collateral transfer	AUD	ord	18,304	18,304
BlackRock Investment Management (UK) Limited	15-Aug-17	no	n/a	collateral transfer	AUD	ord	504,393	504,393

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 Asset Management North Asia Limited	15-Aug-17	no	n/a	collateral transfer	AUD	ord	72,259	72,259
BlackRock Advisors, LLC	16-Aug-17	yes	5.81	on mkt buy	AUD	ord	201,513	201,513
BlackRock Advisors (UK) Limited	16-Aug-17	yes	5.83	on mkt buy	AUD	ord	1,580	1,580
BlackRock Fund Advisors	16-Aug-17	no	n/a	in specie	AUD	ord	8,136	8,136
BlackRock Japan Co., Ltd.	16-Aug-17	no	n/a	collateral transfer	AUD	ord	4,066	4,066
BlackRock Advisors (UK) Limited	16-Aug-17	no	n/a	collateral transfer	AUD	ord	4,143,840	4,143,840
BlackRock Investment Management, LLC	16-Aug-17	no	n/a	collateral transfer	AUD	ord	84,097	84,097
BlackRock Advisors (UK) Limited	17-Aug-17	yes	5.90	on mkt buy	AUD	ord	2,314	2,314
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	5.90	on mkt buy	AUD	ord	16,552	16,552
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	5.90	on mkt buy	AUD	ord	9,697	9,697
BlackRock Fund Advisors	17-Aug-17	no	n/a	in specie	AUD	ord	3,714	3,714
BlackRock Japan Co., Ltd.	17-Aug-17	no	n/a	collateral transfer	AUD	ord	166	166
BlackRock Financial Management, Inc.	17-Aug-17	no	n/a	collateral transfer	AUD	ord	3	3
BlackRock Investment Management (UK) Limited	17-Aug-17	no	n/a	collateral transfer	AUD	ord	504	504
BlackRock Asset Management North Asia Limited	17-Aug-17	no	n/a	collateral transfer	AUD	ord	72,024	72,024
BlackRock Investment Management (Australia) Limited	18-Aug-17	yes	5.81	on mkt buy	AUD	ord	548,922	548,922
BlackRock Advisors (UK) Limited	18-Aug-17	yes	5.70	on mkt buy	AUD	ord	903	903
BlackRock Fund Advisors	18-Aug-17	no	n/a	in specie	AUD	ord	4,025	4,025
BlackRock Fund Advisors	18-Aug-17	no	n/a	in specie	AUD	ord	1,622	1,622
BlackRock Financial Management, Inc.	18-Aug-17	no	n/a	collateral transfer	AUD	ord	4	4
BlackRock Investment Management (UK) Limited	18-Aug-17	no	n/a	collateral transfer	AUD	ord	8,028	8,028
BlackRock Asset Management North Asia Limited	18-Aug-17	no	n/a	collateral transfer	AUD	ord	5,497	5,497
BlackRock Fund Advisors	21-Aug-17	no	n/a	in specie	AUD	ord	811	811
BlackRock Fund Advisors	21-Aug-17	no	n/a	in specie	AUD	ord	272	272
BlackRock Advisors, LLC	21-Aug-17	no	n/a	collateral transfer	AUD	ord	220	220
BlackRock Financial Management, Inc.	21-Aug-17	no	n/a	collateral transfer	AUD	ord	1	1
BlackRock Investment Management, LLC	21-Aug-17	no	n/a	collateral transfer	AUD	ord	18,652	18,652
BlackRock Asset Management North Asia Limited	21-Aug-17	no	n/a	collateral transfer	AUD	ord	247	247
BlackRock Fund Advisors	22-Aug-17	yes	5.75	on mkt buy	AUD	ord	403	403
BlackRock Advisors (UK) Limited	22-Aug-17	yes	5.74	on mkt buy	AUD	ord	11,208	11,208
BlackRock Advisors (UK) Limited	22-Aug-17	yes	5.74	on mkt buy	AUD	ord	4,356	4,356
BlackRock Advisors (UK) Limited	22-Aug-17	yes	5.74	on mkt buy	AUD	ord	5,352	5,352
BlackRock Advisors (UK) Limited	22-Aug-17	no	n/a	collateral transfer	AUD	ord	857,920	857,920
BlackRock Asset Management North Asia Limited	22-Aug-17	no	n/a	collateral transfer	AUD	ord	57,369	57,369
BlackRock Advisors (UK) Limited	23-Aug-17	yes	5.79	on mkt buy	AUD	ord	1,268	1,268
BlackRock Advisors (UK) Limited	23-Aug-17	yes	5.79	on mkt buy	AUD	ord	212	212
BlackRock Advisors (UK) Limited	23-Aug-17	yes	5.79	on mkt buy	AUD	ord	424	424
BlackRock Fund Advisors	23-Aug-17	no	n/a	in specie	AUD	ord	1,662	1,662
BlackRock Japan Co., Ltd.	23-Aug-17	no	n/a	collateral transfer	AUD	ord	3,568	3,568
BlackRock Advisors (UK) Limited	23-Aug-17	no	n/a	collateral transfer	AUD	ord	864,704	864,704
BlackRock Investment Management, LLC	23-Aug-17	no	n/a	collateral transfer	AUD	ord	289,586	289,586
BlackRock Japan Co., Ltd.	24-Aug-17	yes	5.79	on mkt buy	AUD	ord	628,246	628,246
BlackRock Fund Advisors	24-Aug-17	no	n/a	in specie	AUD	ord	5,220	5,220
BlackRock Fund Advisors	24-Aug-17	no	n/a	in specie	AUD	ord	5,677	5,677
BlackRock Advisors (UK) Limited	24-Aug-17	no	n/a	collateral transfer	AUD	ord	800	800
BlackRock Financial Management, Inc.	24-Aug-17	no	n/a	collateral transfer	AUD	ord	68,344	68,344
BlackRock Investment Management (UK) Limited	24-Aug-17	no	n/a	collateral transfer	AUD	ord	16,408	16,408
BlackRock Asset Management North Asia Limited	24-Aug-17	no	n/a	collateral transfer	AUD	ord	180,947	180,947

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			Cash	Non-cash	CCY		
BlackRock Financial Management, Inc.	25-Aug-17	yes	5.96	on mkt buy	AUD	ord 94,296	94,296
BlackRock Advisors (UK) Limited	25-Aug-17	yes	5.95	on mkt buy	AUD	ord 725	725
BlackRock Advisors (UK) Limited	25-Aug-17	yes	6.02	on mkt buy	AUD	ord 1,450	1,450
BlackRock Advisors (UK) Limited	25-Aug-17	yes	5.97	on mkt buy	AUD	ord 920	920
BlackRock Advisors (UK) Limited	25-Aug-17	yes	6.02	on mkt buy	AUD	ord 725	725
BlackRock Investment Management (UK) Limited	25-Aug-17	no	n/a	in specie	AUD	ord 6,916	6,916
BlackRock Investment Management (UK) Limited	25-Aug-17	no	n/a	in specie	AUD	ord 45,194	45,194
BlackRock Advisors, LLC	25-Aug-17	no	n/a	collateral transfer	AUD	ord 617	617
BlackRock Japan Co., Ltd.	25-Aug-17	no	n/a	collateral transfer	AUD	ord 371	371
BlackRock Financial Management, Inc.	25-Aug-17	no	n/a	collateral transfer	AUD	ord 1,361	1,361
BlackRock Investment Management, LLC	25-Aug-17	no	n/a	collateral transfer	AUD	ord 7,775	7,775
BlackRock Asset Management North Asia Limited	25-Aug-17	no	n/a	collateral transfer	AUD	ord 8,161	8,161
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

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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
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 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

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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
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

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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
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 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

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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
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	30,745	30,745
BlackRock Investment Management (UK) Limited	18-Oct-17	no	n/a	collateral transfer	AUD	ord	82,944	82,944
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	2,262	2,262
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	42,610	42,610
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

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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
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 93	93
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

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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
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

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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
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	10,946	10,946
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

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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
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

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 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
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

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	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 Advisors (UK) Limited	04-Dec-17	no	n/a	in specie	AUD	ord 3,647	3,647
BlackRock Advisors (UK) Limited	04-Dec-17	no	n/a	in specie	AUD	ord 13,355	13,355
BlackRock Japan Co., Ltd.	04-Dec-17	no	n/a	collateral transfer	AUD	ord 9	9
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

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	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
BlackRock Investment Management (UK) Limited	07-Dec-17	no	n/a	collateral transfer	AUD	ord 6	6
BlackRock Advisors (UK) Limited	08-Dec-17	yes	5.44	on mkt buy	AUD	ord 119,155	119,155
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 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

Annexure C

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

Kayla Mulvihill, Authorised Signatory	12-Dec-17 Date
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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

Kayla Mulvihill, Authorised Signatory 12-Dec-17
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.