

# 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.

28-Aug-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 (Netherlands) B.V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BANK OF NY BRUS		ord 25,922	25,922	subsidiary of BlackRock Inc.
BlackRock (Netherlands) B.V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ord 75,428	75,428	subsidiary of BlackRock Inc.
BlackRock (Netherlands) B.V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ord 238,495	238,495	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SINGAPORE		ord 17,004	17,004	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 3,973,832	3,973,832	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM - J.P. Morgan Zurich		ord 114,456	114,456	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 1,074,889	1,074,889	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ord 392,155	392,155	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.	RBC-DEXIA BIL- LONDON		ord 386,000	386,000	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	RBC-RBC DEXIA LUXEMBOURG		ord 67,139	67,139	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 4,125,025	4,125,025	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	STATE STREET BANK, MUNICH, ZURICH BRANCH		ord 7,638	7,638	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 NEW YORK		ord 169,362	169,362	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 1,080,870	1,080,870	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 28,108	28,108	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ord 8,526	8,526	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 673,305	673,305	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 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 LUXEMBOURG		ord 35,421	35,421	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 2,210	2,210	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 6,143	6,143	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 2,235	2,235	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ord 35,287	35,287	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 326,729	326,729	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 - LONDON		ord 15,263	15,263	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ord 142,844	142,844	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.	RBC-ROYAL TRUST - TORONTO		ord 100,139	100,139	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 28,814	28,814	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 2,962	2,962	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ord 66,761	66,761	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, BOSTON		ord 289,443	289,443	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ord 85,150	85,150	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 19,941,900	19,941,900	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.	BNP PARIBAS LON		ord 105,807	105,807	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 1,676,243	1,676,243	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 126,355	126,355	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 516,552	516,552	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB BOSTON INSTITUTIONAL		ord 33,106	33,106	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 1,162,469	1,162,469	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ord 619,990	619,990	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, BOSTON		ord 78,916	78,916	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 19,710,979	19,710,979	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 55,294	55,294	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ord 544,966	544,966	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.	SSB-SSB NEW YORK INSTITUTIONAL		ord 27,220	27,220	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 15,757	15,757	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 4,439,212	4,439,212	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 765,065	765,065	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.	AP7		ord 202,455	202,455	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNP-BNP Paribas Milan		ord 51,814	51,814	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 723,413	723,413	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 763,868	763,868	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 68,672	68,672	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.	CB-CACEIS BANK LUXEMBOURG		ord 8,307	8,307	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 1,653,606	1,653,606	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 386,539	386,539	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ord 101,874	101,874	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	KAS-KAS BANK - AMSTERDAM		ord 516,031	516,031	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST CO. - CHICAGO		ord 104,208	104,208	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 1,156,439	1,156,439	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.	SEB-SKANDINAVISKA ENSKILDA BANKEN		ord 47,768	47,768	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ord 67,895	67,895	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 365,554	365,554	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, GERMANY		ord 108,174	108,174	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET LONDON		ord 356,587	356,587	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 LUXEMBOURG		ord 28,111	28,111	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 999,908	999,908	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 1,011,268	1,011,268	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ord 33,409	33,409	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	USB-US BANK		ord 30,832	30,832	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ord 24,179	24,179	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 1,895,255	1,895,255	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 108,224	108,224	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, BOSTON		ord 24,384	24,384	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 1,776	1,776	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 675,192	675,192	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 1,088,156	1,088,156	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 3,764,699	3,764,699	subsidiary of BlackRock Inc.

This is Annexure B of 11 pages referred to in form 603 Notice of initial substantial shareholder

28-Aug-17

**Kayla Mulvihill,**  
**Authorised Signatory**

**Date**

## 5. Consideration

BRAMBLES LTD (BxB)								
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 International Limited	24-Apr-17	no	n/a	in specie	AUD	ord	21,882	21,882
BlackRock Fund Advisors	25-Apr-17	no	n/a	in specie	AUD	ord	301	301
BlackRock Investment Management (Australia) Limited	26-Apr-17	yes	9.89	on mkt buy	AUD	ord	28,919	28,919
BlackRock Investment Management (Australia) Limited	26-Apr-17	yes	9.89	on mkt buy	AUD	ord	8,856	8,856
BlackRock Fund Advisors	26-Apr-17	yes	9.89	on mkt buy	AUD	ord	6,621	6,621
BlackRock Advisors (UK) Limited	26-Apr-17	yes	9.89	on mkt buy	AUD	ord	16,900	16,900
BlackRock Fund Advisors	26-Apr-17	yes	9.89	on mkt buy	AUD	ord	953	953
BlackRock Institutional Trust Company, National Association	26-Apr-17	yes	9.89	on mkt buy	AUD	ord	22,588	22,588
BlackRock Fund Advisors	26-Apr-17	no	n/a	in specie	AUD	ord	10,557	10,557
BlackRock Advisors (UK) Limited	26-Apr-17	no	n/a	in specie	AUD	ord	10,023	10,023
BlackRock Fund Advisors	27-Apr-17	no	n/a	in specie	AUD	ord	10,719	10,719
BlackRock Fund Advisors	27-Apr-17	no	n/a	in specie	AUD	ord	746	746
BlackRock Advisors (UK) Limited	27-Apr-17	no	n/a	collateral transfer	AUD	ord	46,957	46,957
BlackRock Advisors (UK) Limited	28-Apr-17	yes	10.34	on mkt buy	AUD	ord	868	868
BlackRock Investment Management (Australia) Limited	28-Apr-17	yes	10.34	on mkt buy	AUD	ord	12,614	12,614
BlackRock Fund Advisors	28-Apr-17	yes	10.34	on mkt buy	AUD	ord	21,494	21,494
BlackRock Fund Advisors	28-Apr-17	yes	10.34	on mkt buy	AUD	ord	1,280	1,280
BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord	11,910	11,910
BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord	10,388	10,388
BlackRock Institutional Trust Company, National Association	28-Apr-17	no	n/a	in specie	AUD	ord	22,995	22,995
BlackRock Japan Co., Ltd.	28-Apr-17	no	n/a	collateral transfer	AUD	ord	204,504	204,504
BlackRock Asset Management Canada Limited	01-May-17	yes	10.29	on mkt buy	AUD	ord	5,650	5,650
BlackRock Investment Management (Australia) Limited	01-May-17	yes	10.20	on mkt buy	AUD	ord	22,406	22,406
BlackRock Investment Management, LLC	01-May-17	yes	10.20	on mkt buy	AUD	ord	3,172	3,172
BlackRock Investment Management (Australia) Limited	01-May-17	yes	10.20	on mkt buy	AUD	ord	22,397	22,397
BlackRock Advisors (UK) Limited	01-May-17	yes	10.20	on mkt buy	AUD	ord	12,122	12,122
BlackRock Asset Management Canada Limited	02-May-17	yes	10.20	on mkt buy	AUD	ord	511	511
BlackRock Investment Management (Australia) Limited	02-May-17	yes	10.18	on mkt buy	AUD	ord	7,854	7,854
BlackRock Fund Advisors	02-May-17	yes	10.23	on mkt buy	AUD	ord	32,890	32,890
BlackRock Advisors, LLC	02-May-17	yes	10.23	on mkt buy	AUD	ord	41,026	41,026
BlackRock Fund Advisors	02-May-17	no	n/a	in specie	AUD	ord	6,065	6,065
BlackRock Capital Management, Inc.	02-May-17	no	n/a	collateral transfer	AUD	ord	1,597	1,597
BlackRock Investment Management, LLC	02-May-17	no	n/a	collateral transfer	AUD	ord	628	628
BlackRock Investment Management (UK) Limited	02-May-17	no	n/a	collateral transfer	AUD	ord	158,033	158,033
BlackRock Asset Management North Asia Limited	02-May-17	no	n/a	collateral transfer	AUD	ord	621	621
BlackRock Advisors (UK) Limited	03-May-17	yes	10.25	on mkt buy	AUD	ord	662	662
BlackRock Fund Advisors	03-May-17	no	n/a	in specie	AUD	ord	28,896	28,896
BlackRock Capital Management, Inc.	03-May-17	no	n/a	collateral transfer	AUD	ord	59	59
BlackRock Asset Management North Asia Limited	03-May-17	no	n/a	collateral transfer	AUD	ord	14	14
BlackRock Advisors (UK) Limited	04-May-17	yes	10.20	on mkt buy	AUD	ord	3,171	3,171
BlackRock Fund Advisors	04-May-17	no	n/a	in specie	AUD	ord	2,382	2,382
BlackRock Capital Management, Inc.	04-May-17	no	n/a	collateral transfer	AUD	ord	417	417
BlackRock Fund Advisors	05-May-17	no	n/a	in specie	AUD	ord	72,112	72,112

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	05-May-17	no	n/a	collateral transfer	AUD	ord 411	411
BlackRock Institutional Trust Company, National Association	08-May-17	no	n/a	in specie	AUD	ord 8,068	8,068
BlackRock Fund Advisors	08-May-17	yes	10.34	on mkt buy	AUD	ord 25,634	25,634
BlackRock Advisors (UK) Limited	08-May-17	yes	10.24	on mkt buy	AUD	ord 1,526	1,526
BlackRock Institutional Trust Company, National Association	08-May-17	yes	10.24	on mkt buy	AUD	ord 121,460	121,460
BlackRock Investment Management (UK) Limited	08-May-17	no	n/a	in specie	AUD	ord 114,854	114,854
BlackRock Fund Advisors	08-May-17	no	n/a	in specie	AUD	ord 21,672	21,672
BlackRock Fund Advisors	08-May-17	no	n/a	in specie	AUD	ord 13,563	13,563
BlackRock Advisors (UK) Limited	08-May-17	no	n/a	collateral transfer	AUD	ord 1,879	1,879
BlackRock Fund Advisors	09-May-17	yes	10.43	on mkt buy	AUD	ord 44,207	44,207
BlackRock Advisors (UK) Limited	09-May-17	yes	10.43	on mkt buy	AUD	ord 3,172	3,172
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 301	301
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 3,970	3,970
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 13,563	13,563
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 6,861	6,861
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 22,605	22,605
BlackRock Advisors, LLC	09-May-17	no	n/a	collateral transfer	AUD	ord 2,866	2,866
BlackRock Japan Co., Ltd.	09-May-17	no	n/a	collateral transfer	AUD	ord 173,440	173,440
BlackRock Advisors (UK) Limited	09-May-17	no	n/a	collateral transfer	AUD	ord 133,288	133,288
BlackRock Financial Management, Inc.	09-May-17	no	n/a	collateral transfer	AUD	ord 3,198	3,198
BlackRock Investment Management, LLC	09-May-17	no	n/a	collateral transfer	AUD	ord 242,906	242,906
BlackRock Investment Management (UK) Limited	09-May-17	no	n/a	collateral transfer	AUD	ord 338,328	338,328
BlackRock Asset Management North Asia Limited	09-May-17	no	n/a	collateral transfer	AUD	ord 98,718	98,718
BlackRock Financial Management, Inc.	10-May-17	yes	10.57	on mkt buy	AUD	ord 29,704	29,704
BlackRock Institutional Trust Company, National Association	10-May-17	yes	10.57	on mkt buy	AUD	ord 10,343	10,343
BlackRock International Limited	10-May-17	yes	10.57	on mkt buy	AUD	ord 17,618	17,618
BlackRock Investment Management (Australia) Limited	10-May-17	yes	10.57	on mkt buy	AUD	ord 46,250	46,250
BlackRock Financial Management, Inc.	10-May-17	yes	10.57	on mkt buy	AUD	ord 88,806	88,806
BlackRock Investment Management, LLC	10-May-17	yes	10.57	on mkt buy	AUD	ord 76,846	76,846
BlackRock Investment Management (Australia) Limited	10-May-17	yes	10.57	on mkt buy	AUD	ord 9,966	9,966
BlackRock Financial Management, Inc.	10-May-17	yes	10.57	on mkt buy	AUD	ord 51,060	51,060
BlackRock Fund Advisors	10-May-17	yes	10.60	on mkt buy	AUD	ord 9,916	9,916
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord 9,042	9,042
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord 6,804	6,804
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord 22,605	22,605
BlackRock Investment Management (UK) Limited	10-May-17	no	n/a	collateral transfer	AUD	ord 37,406	37,406
BlackRock Institutional Trust Company, National Association	11-May-17	yes	10.54	on mkt buy	AUD	ord 7,338	7,338
BlackRock Fund Advisors	11-May-17	no	n/a	in specie	AUD	ord 9,042	9,042
BlackRock Institutional Trust Company, National Association	11-May-17	no	n/a	in specie	AUD	ord 10,081	10,081
BlackRock Advisors (UK) Limited	12-May-17	yes	10.57	on mkt buy	AUD	ord 19,050	19,050
BlackRock Advisors (UK) Limited	12-May-17	yes	10.49	on mkt buy	AUD	ord 9,669	9,669
BlackRock Advisors (UK) Limited	12-May-17	yes	10.49	on mkt buy	AUD	ord 529	529
BlackRock Advisors (UK) Limited	12-May-17	yes	10.49	on mkt buy	AUD	ord 3,600	3,600
BlackRock Fund Advisors	12-May-17	no	n/a	in specie	AUD	ord 31,647	31,647
BlackRock Fund Advisors	12-May-17	no	n/a	in specie	AUD	ord 9,042	9,042
BlackRock Advisors (UK) Limited	12-May-17	no	n/a	in specie	AUD	ord 4,533	4,533
BlackRock Advisors, LLC	12-May-17	no	n/a	collateral transfer	AUD	ord 19	19
BlackRock Japan Co., Ltd.	12-May-17	no	n/a	collateral transfer	AUD	ord 75	75
BlackRock Advisors (UK) Limited	12-May-17	no	n/a	collateral transfer	AUD	ord 528,999	528,999
BlackRock Financial Management, Inc.	12-May-17	no	n/a	collateral transfer	AUD	ord 17	17
BlackRock Investment Management, LLC	12-May-17	no	n/a	collateral transfer	AUD	ord 92	92



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	12-May-17	no	n/a	collateral transfer	AUD	ord	51	51
BlackRock Advisors, LLC	15-May-17	yes	10.36	on mkt buy	AUD	ord	89,271	89,271
BlackRock Advisors (UK) Limited	15-May-17	yes	10.38	on mkt buy	AUD	ord	9,525	9,525
BlackRock Advisors (UK) Limited	15-May-17	yes	10.36	on mkt buy	AUD	ord	10,186	10,186
BlackRock Fund Advisors	15-May-17	yes	10.36	on mkt buy	AUD	ord	25,420	25,420
BlackRock (Netherlands) B.V.	15-May-17	yes	10.36	on mkt buy	AUD	ord	2,691	2,691
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	12,120	12,120
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	6,696	6,696
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	22,605	22,605
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	9,042	9,042
BlackRock Japan Co., Ltd.	15-May-17	no	n/a	collateral transfer	AUD	ord	116	116
BlackRock Financial Management, Inc.	15-May-17	no	n/a	collateral transfer	AUD	ord	41	41
BlackRock Investment Management, LLC	15-May-17	no	n/a	collateral transfer	AUD	ord	6,665	6,665
BlackRock Investment Management (UK) Limited	15-May-17	no	n/a	collateral transfer	AUD	ord	771	771
BlackRock Investment Management (UK) Limited	16-May-17	yes	10.51	on mkt buy	AUD	ord	7,603	7,603
BlackRock Advisors (UK) Limited	16-May-17	yes	10.53	on mkt buy	AUD	ord	15,875	15,875
BlackRock Advisors (UK) Limited	16-May-17	yes	10.53	on mkt buy	AUD	ord	531	531
BlackRock Advisors (UK) Limited	16-May-17	yes	10.53	on mkt buy	AUD	ord	7,218	7,218
BlackRock Investment Management (Australia) Limited	16-May-17	yes	10.53	on mkt buy	AUD	ord	17,174	17,174
BlackRock Investment Management (Australia) Limited	16-May-17	yes	10.53	on mkt buy	AUD	ord	5,158	5,158
BlackRock Investment Management (Australia) Limited	16-May-17	yes	10.53	on mkt buy	AUD	ord	8,110	8,110
BlackRock Advisors (UK) Limited	16-May-17	no	n/a	in specie	AUD	ord	25,179	25,179
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord	9,042	9,042
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord	18,084	18,084
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord	31,647	31,647
BlackRock Asset Management North Asia Limited	16-May-17	no	n/a	collateral transfer	AUD	ord	1,481	1,481
BlackRock Fund Advisors	17-May-17	yes	10.48	on mkt buy	AUD	ord	13,176	13,176
BlackRock Fund Advisors	17-May-17	yes	10.48	on mkt buy	AUD	ord	100	100
BlackRock Investment Management (Australia) Limited	17-May-17	yes	10.47	on mkt buy	AUD	ord	25,731	25,731
BlackRock Fund Advisors	17-May-17	yes	10.45	on mkt buy	AUD	ord	22,560	22,560
BlackRock Institutional Trust Company, National Association	17-May-17	yes	10.45	on mkt buy	AUD	ord	24,960	24,960
BlackRock Institutional Trust Company, National Association	17-May-17	yes	10.45	on mkt buy	AUD	ord	7,286	7,286
BlackRock Investment Management (Australia) Limited	17-May-17	yes	10.45	on mkt buy	AUD	ord	1,916	1,916
BlackRock Fund Advisors	17-May-17	yes	10.45	on mkt buy	AUD	ord	15,047	15,047
BlackRock Fund Advisors	17-May-17	no	n/a	in specie	AUD	ord	3,376	3,376
BlackRock Fund Advisors	17-May-17	no	n/a	in specie	AUD	ord	9,066	9,066
BlackRock Japan Co., Ltd.	17-May-17	no	n/a	collateral transfer	AUD	ord	43	43
BlackRock Advisors (UK) Limited	17-May-17	no	n/a	collateral transfer	AUD	ord	5	5
BlackRock Financial Management, Inc.	17-May-17	no	n/a	collateral transfer	AUD	ord	8	8
BlackRock Investment Management (UK) Limited	17-May-17	no	n/a	collateral transfer	AUD	ord	2,243	2,243
BlackRock Asset Management North Asia Limited	17-May-17	no	n/a	collateral transfer	AUD	ord	126	126
BlackRock Advisors (UK) Limited	18-May-17	yes	10.37	on mkt buy	AUD	ord	3,173	3,173
BlackRock Advisors (UK) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	9,519	9,519
BlackRock Advisors (UK) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	802	802
BlackRock Advisors (UK) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	3,609	3,609
BlackRock Advisors (UK) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	107,390	107,390
BlackRock Asset Management Canada Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	3,966	3,966
BlackRock Institutional Trust Company, National Association	18-May-17	yes	10.42	on mkt buy	AUD	ord	2,861	2,861
BlackRock Investment Management (Australia) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	2,581	2,581
BlackRock Advisors (UK) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	3,173	3,173
BlackRock Investment Management (Australia) Limited	18-May-17	yes	10.42	on mkt buy	AUD	ord	753	753
BlackRock Fund Advisors	18-May-17	no	n/a	in specie	AUD	ord	38,871	38,871

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Institutional Trust Company, National Association	18-May-17	no	n/a	in specie	AUD	ord 7,694	7,694
BlackRock Investment Management (Australia) Limited	18-May-17	no	n/a	in specie	AUD	ord 151,432	151,432
BlackRock Advisors (UK) Limited	19-May-17	yes	10.34	on mkt buy	AUD	ord 4,010	4,010
BlackRock Investment Management (Australia) Limited	19-May-17	yes	10.29	on mkt buy	AUD	ord 10,419	10,419
BlackRock Fund Advisors	19-May-17	yes	10.29	on mkt buy	AUD	ord 17,670	17,670
BlackRock Fund Advisors	19-May-17	no	n/a	in specie	AUD	ord 1,119	1,119
BlackRock Advisors (UK) Limited	19-May-17	no	n/a	collateral transfer	AUD	ord 75,000	75,000
BlackRock Advisors (UK) Limited	22-May-17	yes	10.30	on mkt buy	AUD	ord 3,172	3,172
BlackRock Institutional Trust Company, National Association	22-May-17	yes	10.30	on mkt buy	AUD	ord 84,287	84,287
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 13,599	13,599
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 9,066	9,066
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 40,797	40,797
BlackRock Advisors (UK) Limited	23-May-17	yes	10.28	on mkt buy	AUD	ord 16,170	16,170
BlackRock Advisors (UK) Limited	23-May-17	yes	10.28	on mkt buy	AUD	ord 2,005	2,005
BlackRock Fund Advisors	23-May-17	no	n/a	in specie	AUD	ord 22,665	22,665
BlackRock Advisors (UK) Limited	24-May-17	yes	10.47	on mkt buy	AUD	ord 3,208	3,208
BlackRock Advisors (UK) Limited	24-May-17	yes	10.47	on mkt buy	AUD	ord 2,406	2,406
BlackRock Fund Advisors	24-May-17	yes	10.47	on mkt buy	AUD	ord 42,836	42,836
BlackRock Investment Management (Australia) Limited	24-May-17	no	n/a	in specie	AUD	ord 13,098	13,098
BlackRock Fund Advisors	24-May-17	no	n/a	in specie	AUD	ord 301	301
BlackRock Advisors (UK) Limited	24-May-17	no	n/a	collateral transfer	AUD	ord 154,707	154,707
BlackRock Advisors (UK) Limited	25-May-17	yes	10.64	on mkt buy	AUD	ord 9,516	9,516
BlackRock Institutional Trust Company, National Association	25-May-17	yes	10.64	on mkt buy	AUD	ord 25,886	25,886
BlackRock Investment Management (Australia) Limited	25-May-17	yes	10.64	on mkt buy	AUD	ord 2,529	2,529
BlackRock Advisors (UK) Limited	26-May-17	yes	10.51	on mkt buy	AUD	ord 49,664	49,664
BlackRock Advisors (UK) Limited	26-May-17	yes	10.48	on mkt buy	AUD	ord 3,172	3,172
BlackRock Advisors (UK) Limited	26-May-17	yes	10.48	on mkt buy	AUD	ord 25,440	25,440
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 14,688	14,688
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 18,132	18,132
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 10,388	10,388
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 1,119	1,119
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 13,722	13,722
BlackRock Institutional Trust Company, National Association	26-May-17	no	n/a	in specie	AUD	ord 461,343	461,343
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord 62,540	62,540
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord 16,865	16,865
BlackRock Advisors, LLC	26-May-17	no	n/a	in specie	AUD	ord 200,176	200,176
BlackRock Investment Management (Australia) Limited	30-May-17	yes	10.52	on mkt buy	AUD	ord 23,389	23,389
BlackRock Investment Management (Australia) Limited	30-May-17	yes	10.52	on mkt buy	AUD	ord 10,050	10,050
BlackRock Advisors (UK) Limited	30-May-17	yes	10.52	on mkt buy	AUD	ord 16,613	16,613
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 301	301
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 40,797	40,797
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 18,132	18,132
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 3,032	3,032
BlackRock Fund Advisors	31-May-17	yes	10.37	on mkt buy	AUD	ord 6,814	6,814
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 3,437	3,437
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord 3,821	3,821
BlackRock Investment Management (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 26,855	26,855
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord 109,954	109,954
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 6,388	6,388
BlackRock Advisors (UK) Limited	31-May-17	yes	10.42	on mkt buy	AUD	ord 6,388	6,388
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 3,467	3,467
BlackRock International Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 4,496	4,496
BlackRock (Netherlands) B.V.	31-May-17	yes	10.37	on mkt buy	AUD	ord 515	515
BlackRock Fund Advisors	31-May-17	yes	10.37	on mkt buy	AUD	ord 340	340
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord 3,929	3,929
BlackRock Fund Advisors	31-May-17	yes	10.37	on mkt buy	AUD	ord 406	406
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord 190	190

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord	724	724
BlackRock Investment Management (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord	30,706	30,706
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord	5,490	5,490
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord	2,978	2,978
BlackRock International Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord	3,860	3,860
BlackRock (Netherlands) B.V.	31-May-17	yes	10.37	on mkt buy	AUD	ord	443	443
BlackRock Fund Advisors	31-May-17	yes	10.37	on mkt buy	AUD	ord	292	292
BlackRock Advisors (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord	3,374	3,374
BlackRock Fund Advisors	31-May-17	yes	10.37	on mkt buy	AUD	ord	350	350
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord	165	165
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord	623	623
BlackRock Investment Management (UK) Limited	31-May-17	yes	10.37	on mkt buy	AUD	ord	26,360	26,360
BlackRock Institutional Trust Company, National Association	31-May-17	yes	10.37	on mkt buy	AUD	ord	4,713	4,713
BlackRock Japan Co., Ltd.	31-May-17	yes	10.37	on mkt buy	AUD	ord	1,632	1,632
BlackRock Advisors (UK) Limited	31-May-17	no	n/a	collateral transfer	AUD	ord	80,000	80,000
BlackRock Fund Advisors	01-Jun-17	yes	10.42	on mkt buy	AUD	ord	6,402	6,402
BlackRock Advisors (UK) Limited	01-Jun-17	yes	10.45	on mkt buy	AUD	ord	9,666	9,666
BlackRock Advisors (UK) Limited	01-Jun-17	yes	10.45	on mkt buy	AUD	ord	2,793	2,793
BlackRock Investment Management (Australia) Limited	01-Jun-17	yes	10.45	on mkt buy	AUD	ord	12,986	12,986
BlackRock Advisors (UK) Limited	01-Jun-17	no	n/a	collateral transfer	AUD	ord	132,072	132,072
BlackRock Advisors (UK) Limited	02-Jun-17	yes	10.49	on mkt buy	AUD	ord	3,194	3,194
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	10.49	on mkt buy	AUD	ord	156,934	156,934
BlackRock Advisors (UK) Limited	02-Jun-17	no	n/a	collateral transfer	AUD	ord	177,338	177,338
BlackRock Institutional Trust Company, National Association	05-Jun-17	yes	10.52	on mkt buy	AUD	ord	69,343	69,343
BlackRock Advisors (UK) Limited	05-Jun-17	no	n/a	collateral transfer	AUD	ord	293,523	293,523
BlackRock Institutional Trust Company, National Association	06-Jun-17	yes	10.51	on mkt buy	AUD	ord	104,955	104,955
BlackRock Investment Management (Australia) Limited	06-Jun-17	yes	10.47	on mkt buy	AUD	ord	25,578	25,578
BlackRock Advisors (UK) Limited	06-Jun-17	yes	10.43	on mkt buy	AUD	ord	6,390	6,390
BlackRock Fund Advisors	06-Jun-17	no	n/a	in specie	AUD	ord	31,731	31,731
BlackRock Fund Advisors	07-Jun-17	no	n/a	in specie	AUD	ord	10,322	10,322
BlackRock Fund Advisors	07-Jun-17	no	n/a	in specie	AUD	ord	7,976	7,976
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a	in specie	AUD	ord	77,063	77,063
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a	in specie	AUD	ord	289,442	289,442
BlackRock Fund Advisors	08-Jun-17	yes	10.34	on mkt buy	AUD	ord	32,725	32,725
BlackRock Advisors (UK) Limited	08-Jun-17	yes	10.30	on mkt buy	AUD	ord	3,221	3,221
BlackRock Fund Advisors	08-Jun-17	no	n/a	in specie	AUD	ord	2,779	2,779
BlackRock Advisors (UK) Limited	09-Jun-17	yes	10.21	on mkt buy	AUD	ord	868	868
BlackRock Japan Co., Ltd.	09-Jun-17	no	n/a	collateral transfer	AUD	ord	8,062	8,062
BlackRock Fund Advisors	12-Jun-17	no	n/a	in specie	AUD	ord	9,100	9,100
BlackRock Investment Management (UK) Limited	12-Jun-17	no	n/a	collateral transfer	AUD	ord	5,825	5,825
BlackRock Advisors (UK) Limited	13-Jun-17	yes	10.34	on mkt buy	AUD	ord	16,105	16,105
BlackRock Advisors (UK) Limited	13-Jun-17	yes	10.34	on mkt buy	AUD	ord	530	530
BlackRock Fund Advisors	13-Jun-17	no	n/a	in specie	AUD	ord	22,750	22,750
BlackRock Investment Management, LLC	14-Jun-17	yes	10.39	on mkt buy	AUD	ord	1,615	1,615
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	10.44	on mkt buy	AUD	ord	46,247	46,247
BlackRock Advisors (UK) Limited	14-Jun-17	yes	10.47	on mkt buy	AUD	ord	12,884	12,884
BlackRock Advisors (UK) Limited	14-Jun-17	yes	10.47	on mkt buy	AUD	ord	1,995	1,995
BlackRock Advisors (UK) Limited	14-Jun-17	yes	10.47	on mkt buy	AUD	ord	263	263
BlackRock Fund Advisors	14-Jun-17	yes	10.47	on mkt buy	AUD	ord	17,357	17,357
BlackRock Advisors (UK) Limited	14-Jun-17	yes	10.46	on mkt buy	AUD	ord	80,525	80,525
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	10.47	on mkt buy	AUD	ord	61,260	61,260
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord	3,573	3,573
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord	18,285	18,285

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	14-Jun-17	no	n/a	collateral transfer	AUD	ord 144,344	144,344
BlackRock Financial Management, Inc.	15-Jun-17	yes	10.48	on mkt buy	AUD	ord 53,148	53,148
BlackRock Institutional Trust Company, National Association	15-Jun-17	yes	10.48	on mkt buy	AUD	ord 18,287	18,287
BlackRock International Limited	15-Jun-17	yes	10.48	on mkt buy	AUD	ord 32,112	32,112
BlackRock Financial Management, Inc.	15-Jun-17	yes	10.48	on mkt buy	AUD	ord 170,406	170,406
BlackRock Investment Management, LLC	15-Jun-17	yes	10.48	on mkt buy	AUD	ord 88,055	88,055
BlackRock Financial Management, Inc.	15-Jun-17	yes	10.48	on mkt buy	AUD	ord 53,123	53,123
BlackRock Advisors (UK) Limited	15-Jun-17	yes	10.45	on mkt buy	AUD	ord 9,663	9,663
BlackRock Advisors (UK) Limited	15-Jun-17	yes	10.45	on mkt buy	AUD	ord 2,793	2,793
BlackRock Advisors (UK) Limited	15-Jun-17	yes	10.45	on mkt buy	AUD	ord 354,310	354,310
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 18,240	18,240
BlackRock Advisors (UK) Limited	16-Jun-17	yes	10.56	on mkt buy	AUD	ord 2,793	2,793
BlackRock Advisors (UK) Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 32,210	32,210
BlackRock Investment Management (UK) Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 21,011	21,011
BlackRock Asset Management North Asia Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 641	641
BlackRock (Singapore) Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 10,491	10,491
BlackRock Asset Management Canada Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 8,386	8,386
BlackRock Institutional Trust Company, National Association	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 1,497	1,497
BlackRock Investment Management (UK) Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 110,270	110,270
BlackRock Advisors, LLC	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 97,598	97,598
BlackRock Asset Management Canada Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 2,927	2,927
BlackRock Investment Management (UK) Limited	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 163,216	163,216
BlackRock Institutional Trust Company, National Association	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 13,821	13,821
BlackRock Institutional Trust Company, National Association	16-Jun-17	yes	10.51	on mkt buy	AUD	ord 31,751	31,751
BlackRock Fund Advisors	16-Jun-17	no	n/a	in specie	AUD	ord 301	301
BlackRock Institutional Trust Company, National Association	16-Jun-17	no	n/a	in specie	AUD	ord 6,279	6,279
BlackRock Investment Management (UK) Limited	16-Jun-17	no	n/a	collateral transfer	AUD	ord 3	3
BlackRock Investment Management (Australia) Limited	19-Jun-17	yes	10.53	on mkt buy	AUD	ord 177,656	177,656
BlackRock Advisors (UK) Limited	19-Jun-17	yes	10.53	on mkt buy	AUD	ord 3,221	3,221
BlackRock Advisors (UK) Limited	19-Jun-17	yes	10.53	on mkt buy	AUD	ord 9,663	9,663
BlackRock Advisors (UK) Limited	19-Jun-17	yes	10.53	on mkt buy	AUD	ord 798	798
BlackRock Fund Advisors	19-Jun-17	no	n/a	in specie	AUD	ord 5,590	5,590
BlackRock Japan Co., Ltd.	19-Jun-17	no	n/a	collateral transfer	AUD	ord 8,428	8,428
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	10.38	on mkt buy	AUD	ord 6,072	6,072
BlackRock Advisors (UK) Limited	20-Jun-17	yes	10.38	on mkt buy	AUD	ord 3,194	3,194
BlackRock Advisors (UK) Limited	20-Jun-17	yes	10.38	on mkt buy	AUD	ord 16,105	16,105
BlackRock Advisors (UK) Limited	20-Jun-17	yes	10.38	on mkt buy	AUD	ord 2,793	2,793
BlackRock Fund Advisors	20-Jun-17	yes	10.38	on mkt buy	AUD	ord 36,708	36,708
BlackRock Advisors (UK) Limited	20-Jun-17	yes	10.45	on mkt buy	AUD	ord 61,199	61,199
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	10.38	on mkt buy	AUD	ord 134,936	134,936
BlackRock Fund Advisors	20-Jun-17	no	n/a	in specie	AUD	ord 13,722	13,722
BlackRock Advisors (UK) Limited	21-Jun-17	yes	10.30	on mkt buy	AUD	ord 752	752
BlackRock Advisors (UK) Limited	21-Jun-17	yes	10.14	on mkt buy	AUD	ord 9,663	9,663
BlackRock Fund Advisors	21-Jun-17	no	n/a	in specie	AUD	ord 3,045	3,045
BlackRock Fund Advisors	21-Jun-17	no	n/a	in specie	AUD	ord 12,782	12,782
BlackRock Advisors (UK) Limited	21-Jun-17	no	n/a	collateral transfer	AUD	ord 308,758	308,758
BlackRock Institutional Trust Company, National Association	22-Jun-17	no	n/a	in specie	AUD	ord 34,228	34,228
BlackRock Advisors (UK) Limited	22-Jun-17	yes	10.10	on mkt buy	AUD	ord 399	399
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord 296,898	296,898
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord 78,794	78,794
BlackRock Japan Co., Ltd.	22-Jun-17	no	n/a	collateral transfer	AUD	ord 213,641	213,641

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	22-Jun-17	no	n/a	collateral transfer	AUD	ord 98,858	98,858
BlackRock Advisors (UK) Limited	23-Jun-17	yes	10.16	on mkt buy	AUD	ord 436	436
BlackRock Advisors (UK) Limited	23-Jun-17	yes	10.16	on mkt buy	AUD	ord 872	872
BlackRock Fund Advisors	23-Jun-17	no	n/a	in specie	AUD	ord 602	602
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 158,148	158,148
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 69,982	69,982
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 7,144	7,144
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 9,189	9,189
BlackRock Advisors (UK) Limited	23-Jun-17	no	n/a	collateral transfer	AUD	ord 26,464	26,464
BlackRock Investment Management (UK) Limited	26-Jun-17	yes	10.18	on mkt buy	AUD	ord 7,838	7,838
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord 12,030	12,030
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord 13,506	13,506
BlackRock Investment Management (UK) Limited	26-Jun-17	no	n/a	collateral transfer	AUD	ord 200,000	200,000
BlackRock Investment Management (Australia) Limited	27-Jun-17	yes	10.06	on mkt buy	AUD	ord 18,614	18,614
BlackRock Advisors (UK) Limited	27-Jun-17	yes	10.04	on mkt buy	AUD	ord 3,221	3,221
BlackRock (Netherlands) B.V.	27-Jun-17	yes	10.04	on mkt buy	AUD	ord 2,751	2,751
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord 36,090	36,090
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord 15,639	15,639
BlackRock Fund Advisors	28-Jun-17	yes	9.87	on mkt buy	AUD	ord 25,532	25,532
BlackRock Institutional Trust Company, National Association	28-Jun-17	yes	9.87	on mkt buy	AUD	ord 66,449	66,449
BlackRock Fund Advisors	28-Jun-17	no	n/a	in specie	AUD	ord 18,045	18,045
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord 18,045	18,045
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord 18,045	18,045
BlackRock Advisors (UK) Limited	29-Jun-17	no	n/a	collateral transfer	AUD	ord 171,257	171,257
BlackRock Advisors (UK) Limited	30-Jun-17	yes	9.73	on mkt buy	AUD	ord 872	872
BlackRock Investment Management (UK) Limited	30-Jun-17	yes	9.73	on mkt buy	AUD	ord 12,535	12,535
BlackRock Asset Management Canada Limited	30-Jun-17	yes	9.73	on mkt buy	AUD	ord 2,365	2,365
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 48,120	48,120
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 18,045	18,045
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 30,075	30,075
BlackRock Investment Management, LLC	30-Jun-17	no	n/a	collateral transfer	AUD	ord 14,500	14,500
BlackRock Investment Management (UK) Limited	30-Jun-17	no	n/a	collateral transfer	AUD	ord 70,722	70,722
BlackRock Asset Management North Asia Limited	30-Jun-17	no	n/a	collateral transfer	AUD	ord 16,300	16,300
BlackRock Institutional Trust Company, National Association	03-Jul-17	yes	9.67	on mkt buy	AUD	ord 14,876	14,876
BlackRock Advisors, LLC	03-Jul-17	no	n/a	in specie	AUD	ord 188,348	188,348
BlackRock Investment Management, LLC	03-Jul-17	no	n/a	collateral transfer	AUD	ord 1,032	1,032
BlackRock Advisors (UK) Limited	04-Jul-17	no	n/a	collateral transfer	AUD	ord 25,281	25,281
BlackRock Investment Management (UK) Limited	04-Jul-17	no	n/a	collateral transfer	AUD	ord 1,414	1,414
BlackRock Financial Management, Inc.	05-Jul-17	yes	9.72	on mkt buy	AUD	ord 115	115
BlackRock Advisors (UK) Limited	05-Jul-17	yes	9.70	on mkt buy	AUD	ord 431	431
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	9.70	on mkt buy	AUD	ord 18,849	18,849
BlackRock Fund Advisors	05-Jul-17	yes	9.70	on mkt buy	AUD	ord 5,373	5,373
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	9.70	on mkt buy	AUD	ord 8,079	8,079
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	9.70	on mkt buy	AUD	ord 6,358	6,358
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	9.70	on mkt buy	AUD	ord 5,214	5,214
BlackRock Fund Advisors	05-Jul-17	no	n/a	in specie	AUD	ord 6,979	6,979
BlackRock Fund Advisors	05-Jul-17	no	n/a	in specie	AUD	ord 24,060	24,060
BlackRock Advisors (UK) Limited	05-Jul-17	no	n/a	collateral transfer	AUD	ord 191,771	191,771
BlackRock Investment Management (UK) Limited	05-Jul-17	no	n/a	collateral transfer	AUD	ord 911	911

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	05-Jul-17	no	n/a	collateral transfer	AUD	ord 376	376
BlackRock Fund Advisors	06-Jul-17	yes	9.69	on mkt buy	AUD	ord 9,282	9,282
BlackRock Advisors (UK) Limited	06-Jul-17	yes	9.69	on mkt buy	AUD	ord 110	110
BlackRock Institutional Trust Company, National Association	06-Jul-17	yes	9.70	on mkt buy	AUD	ord 7,785	7,785
BlackRock Fund Advisors	06-Jul-17	yes	9.70	on mkt buy	AUD	ord 12,679	12,679
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord 18,045	18,045
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord 6,792	6,792
BlackRock Advisors (UK) Limited	06-Jul-17	no	n/a	collateral transfer	AUD	ord 17,757	17,757
BlackRock Investment Management, LLC	06-Jul-17	no	n/a	collateral transfer	AUD	ord 506	506
BlackRock Asset Management North Asia Limited	06-Jul-17	no	n/a	collateral transfer	AUD	ord 803	803
BlackRock Fund Advisors	07-Jul-17	yes	9.63	on mkt buy	AUD	ord 6,851	6,851
BlackRock Advisors (UK) Limited	07-Jul-17	yes	9.53	on mkt buy	AUD	ord 6,392	6,392
BlackRock Fund Advisors	07-Jul-17	yes	9.53	on mkt buy	AUD	ord 17,676	17,676
BlackRock Institutional Trust Company, National Association	07-Jul-17	yes	9.53	on mkt buy	AUD	ord 33,326	33,326
BlackRock Institutional Trust Company, National Association	07-Jul-17	yes	9.53	on mkt buy	AUD	ord 7,853	7,853
BlackRock Institutional Trust Company, National Association	07-Jul-17	yes	9.53	on mkt buy	AUD	ord 24,420	24,420
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord 48,120	48,120
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord 24,060	24,060
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord 75,789	75,789
BlackRock Investment Management (UK) Limited	07-Jul-17	no	n/a	in specie	AUD	ord 7,138	7,138
BlackRock Advisors (UK) Limited	10-Jul-17	yes	9.51	on mkt buy	AUD	ord 862	862
BlackRock Advisors, LLC	10-Jul-17	yes	9.51	on mkt buy	AUD	ord 87,768	87,768
BlackRock Fund Advisors	10-Jul-17	yes	9.51	on mkt buy	AUD	ord 6,801	6,801
BlackRock Advisors (UK) Limited	10-Jul-17	no	n/a	collateral transfer	AUD	ord 164,354	164,354
BlackRock Investment Management, LLC	10-Jul-17	no	n/a	collateral transfer	AUD	ord 17,042	17,042
BlackRock Investment Management (UK) Limited	10-Jul-17	no	n/a	collateral transfer	AUD	ord 187,312	187,312
BlackRock Asset Management North Asia Limited	10-Jul-17	no	n/a	collateral transfer	AUD	ord 26,572	26,572
BlackRock Advisors (UK) Limited	11-Jul-17	yes	9.46	on mkt buy	AUD	ord 3,192	3,192
BlackRock Japan Co., Ltd.	11-Jul-17	no	n/a	collateral transfer	AUD	ord 110,000	110,000
BlackRock Advisors (UK) Limited	12-Jul-17	yes	9.36	on mkt buy	AUD	ord 4,993	4,993
BlackRock Investment Management (Australia) Limited	12-Jul-17	yes	9.36	on mkt buy	AUD	ord 9,908	9,908
BlackRock International Limited	12-Jul-17	no	n/a	in specie	AUD	ord 5,296	5,296
BlackRock Investment Management, LLC	12-Jul-17	no	n/a	collateral transfer	AUD	ord 397	397
BlackRock Asset Management North Asia Limited	12-Jul-17	no	n/a	collateral transfer	AUD	ord 462	462
BlackRock Fund Advisors	13-Jul-17	no	n/a	in specie	AUD	ord 3,910	3,910
BlackRock International Limited	13-Jul-17	no	n/a	in specie	AUD	ord 42	42
BlackRock Investment Management (UK) Limited	13-Jul-17	no	n/a	collateral transfer	AUD	ord 1,241	1,241
BlackRock Advisors (UK) Limited	14-Jul-17	yes	9.50	on mkt buy	AUD	ord 3,182	3,182
BlackRock Advisors (UK) Limited	14-Jul-17	yes	9.50	on mkt buy	AUD	ord 1,296	1,296
BlackRock Fund Advisors	14-Jul-17	no	n/a	in specie	AUD	ord 14,436	14,436
BlackRock Advisors (UK) Limited	14-Jul-17	no	n/a	collateral transfer	AUD	ord 67,281	67,281
BlackRock Investment Management, LLC	14-Jul-17	no	n/a	collateral transfer	AUD	ord 2,043	2,043
BlackRock Fund Advisors	17-Jul-17	no	n/a	in specie	AUD	ord 3,988	3,988
BlackRock Investment Management, LLC	17-Jul-17	no	n/a	collateral transfer	AUD	ord 470	470
BlackRock Fund Advisors	18-Jul-17	no	n/a	in specie	AUD	ord 12,030	12,030
BlackRock Advisors (UK) Limited	18-Jul-17	no	n/a	collateral transfer	AUD	ord 769,000	769,000
BlackRock Investment Management, LLC	18-Jul-17	no	n/a	collateral transfer	AUD	ord 10,667	10,667
BlackRock Fund Advisors	19-Jul-17	no	n/a	in specie	AUD	ord 18,045	18,045
BlackRock Investment Management, LLC	19-Jul-17	no	n/a	collateral transfer	AUD	ord 3,955	3,955
BlackRock Advisors (UK) Limited	20-Jul-17	yes	9.62	on mkt buy	AUD	ord 9,546	9,546
BlackRock Japan Co., Ltd.	20-Jul-17	yes	9.62	on mkt buy	AUD	ord 928	928

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	20-Jul-17	yes	9.62	on mkt buy	AUD	ord	6,444	6,444
BlackRock Advisors (UK) Limited	20-Jul-17	yes	9.62	on mkt buy	AUD	ord	1,296	1,296
BlackRock Fund Advisors	20-Jul-17	no	n/a	in specie	AUD	ord	30,075	30,075
BlackRock Fund Advisors	20-Jul-17	no	n/a	in specie	AUD	ord	301	301
BlackRock Investment Management (UK) Limited	20-Jul-17	no	n/a	collateral transfer	AUD	ord	116	116
BlackRock Investment Management, LLC	21-Jul-17	yes	9.63	on mkt buy	AUD	ord	1,707	1,707
BlackRock Investment Management (Australia) Limited	21-Jul-17	yes	9.59	on mkt buy	AUD	ord	14,552	14,552
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	2,991	2,991
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	18,045	18,045
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	8,904	8,904
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	6,804	6,804
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	31,673	31,673
BlackRock Advisors (UK) Limited	21-Jul-17	no	n/a	collateral transfer	AUD	ord	284,000	284,000
BlackRock Financial Management, Inc.	21-Jul-17	no	n/a	collateral transfer	AUD	ord	59	59
BlackRock Investment Management, LLC	21-Jul-17	no	n/a	collateral transfer	AUD	ord	3,366	3,366
BlackRock Financial Management, Inc.	24-Jul-17	yes	9.47	on mkt buy	AUD	ord	4,991	4,991
BlackRock Investment Management (UK) Limited	24-Jul-17	no	n/a	in specie	AUD	ord	61,069	61,069
BlackRock Japan Co., Ltd.	24-Jul-17	yes	9.59	on mkt buy	AUD	ord	93,566	93,566
BlackRock Financial Management, Inc.	24-Jul-17	no	n/a	collateral transfer	AUD	ord	4	4
BlackRock Investment Management (UK) Limited	24-Jul-17	no	n/a	collateral transfer	AUD	ord	2,598	2,598
BlackRock Asset Management North Asia Limited	24-Jul-17	no	n/a	collateral transfer	AUD	ord	520	520
BlackRock Investment Management (Australia) Limited	25-Jul-17	yes	9.47	on mkt buy	AUD	ord	16,925	16,925
BlackRock Investment Management (Australia) Limited	25-Jul-17	yes	9.47	on mkt buy	AUD	ord	14,375	14,375
BlackRock Fund Advisors	25-Jul-17	no	n/a	in specie	AUD	ord	4,812	4,812
BlackRock Financial Management, Inc.	25-Jul-17	no	n/a	collateral transfer	AUD	ord	4	4
BlackRock Investment Management (UK) Limited	25-Jul-17	no	n/a	collateral transfer	AUD	ord	2,308	2,308
BlackRock Asset Management North Asia Limited	25-Jul-17	no	n/a	collateral transfer	AUD	ord	652	652
BlackRock Fund Advisors	26-Jul-17	no	n/a	in specie	AUD	ord	1,578	1,578
BlackRock Investment Management (UK) Limited	26-Jul-17	no	n/a	collateral transfer	AUD	ord	3,262	3,262
BlackRock Fund Advisors	27-Jul-17	no	n/a	in specie	AUD	ord	17,255	17,255
BlackRock Investment Management (UK) Limited	27-Jul-17	no	n/a	collateral transfer	AUD	ord	4,172	4,172
BlackRock Asset Management North Asia Limited	27-Jul-17	no	n/a	collateral transfer	AUD	ord	420	420
BlackRock Fund Advisors	28-Jul-17	yes	9.23	on mkt buy	AUD	ord	12,966	12,966
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	1,578	1,578
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	6,979	6,979
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	8,973	8,973
BlackRock Investment Management (UK) Limited	28-Jul-17	no	n/a	in specie	AUD	ord	51,841	51,841
BlackRock Investment Management, LLC	28-Jul-17	no	n/a	collateral transfer	AUD	ord	596	596
BlackRock Japan Co., Ltd.	31-Jul-17	yes	9.25	on mkt buy	AUD	ord	910	910
BlackRock Investment Management (Australia) Limited	31-Jul-17	yes	9.24	on mkt buy	AUD	ord	7,292	7,292
BlackRock Fund Advisors	31-Jul-17	yes	9.24	on mkt buy	AUD	ord	5,963	5,963
BlackRock Investment Management (UK) Limited	31-Jul-17	yes	9.24	on mkt buy	AUD	ord	27,314	27,314
BlackRock Institutional Trust Company, National Association	31-Jul-17	yes	9.24	on mkt buy	AUD	ord	1,624	1,624
BlackRock Fund Advisors	31-Jul-17	no	n/a	in specie	AUD	ord	21,324	21,324
BlackRock Asset Management North Asia Limited	31-Jul-17	no	n/a	collateral transfer	AUD	ord	282	282
BlackRock Investment Management, LLC	01-Aug-17	yes	9.34	on mkt buy	AUD	ord	12,842	12,842
BlackRock Institutional Trust Company, National Association	01-Aug-17	no	n/a	in specie	AUD	ord	7,617	7,617
BlackRock Investment Management, LLC	01-Aug-17	no	n/a	collateral transfer	AUD	ord	1,353	1,353
BlackRock Advisors (UK) Limited	02-Aug-17	yes	9.29	on mkt buy	AUD	ord	3,182	3,182

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	02-Aug-17	yes	9.29	on mkt buy	AUD	ord 2,647	2,647
BlackRock Institutional Trust Company, National Association	02-Aug-17	yes	9.29	on mkt buy	AUD	ord 9,321	9,321
BlackRock Asset Management North Asia Limited	02-Aug-17	no	n/a	collateral transfer	AUD	ord 4,080	4,080
BlackRock Advisors (UK) Limited	03-Aug-17	yes	9.37	on mkt buy	AUD	ord 757	757
BlackRock Investment Management (UK) Limited	03-Aug-17	no	n/a	in specie	AUD	ord 60,611	60,611
BlackRock Fund Advisors	03-Aug-17	no	n/a	in specie	AUD	ord 14,436	14,436
BlackRock Investment Management, LLC	03-Aug-17	no	n/a	collateral transfer	AUD	ord 949	949
BlackRock Asset Management North Asia Limited	03-Aug-17	no	n/a	collateral transfer	AUD	ord 723	723
BlackRock Advisors (UK) Limited	04-Aug-17	yes	9.44	on mkt buy	AUD	ord 3,183	3,183
BlackRock Investment Management, LLC	04-Aug-17	no	n/a	collateral transfer	AUD	ord 15,593	15,593
BlackRock Asset Management North Asia Limited	04-Aug-17	no	n/a	collateral transfer	AUD	ord 7,862	7,862
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	9.70	on mkt buy	AUD	ord 12,761	12,761
BlackRock Advisors (UK) Limited	07-Aug-17	yes	9.70	on mkt buy	AUD	ord 3,221	3,221
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	9.70	on mkt buy	AUD	ord 14,225	14,225
BlackRock Investment Management (UK) Limited	07-Aug-17	no	n/a	collateral transfer	AUD	ord 9,699	9,699
BlackRock Asset Management North Asia Limited	07-Aug-17	no	n/a	collateral transfer	AUD	ord 957	957
BlackRock Advisors (UK) Limited	08-Aug-17	yes	9.67	on mkt buy	AUD	ord 3,184	3,184
BlackRock Advisors (UK) Limited	08-Aug-17	yes	9.67	on mkt buy	AUD	ord 9,552	9,552
BlackRock Institutional Trust Company, National Association	08-Aug-17	yes	9.67	on mkt buy	AUD	ord 764	764
BlackRock Institutional Trust Company, National Association	08-Aug-17	yes	9.67	on mkt buy	AUD	ord 49,235	49,235
BlackRock Investment Management, LLC	08-Aug-17	no	n/a	collateral transfer	AUD	ord 5,291	5,291
BlackRock Institutional Trust Company, National Association	09-Aug-17	yes	9.71	on mkt buy	AUD	ord 1,254	1,254
BlackRock Advisors (UK) Limited	09-Aug-17	yes	9.72	on mkt buy	AUD	ord 870	870
BlackRock Investment Management (Australia) Limited	09-Aug-17	yes	9.72	on mkt buy	AUD	ord 12,372	12,372
BlackRock Fund Advisors	09-Aug-17	no	n/a	in specie	AUD	ord 301	301
BlackRock Investment Management (UK) Limited	09-Aug-17	no	n/a	in specie	AUD	ord 4,195	4,195
BlackRock Fund Advisors	09-Aug-17	no	n/a	in specie	AUD	ord 13,584	13,584
BlackRock Investment Management (UK) Limited	09-Aug-17	no	n/a	collateral transfer	AUD	ord 2,008	2,008
BlackRock Asset Management North Asia Limited	09-Aug-17	no	n/a	collateral transfer	AUD	ord 2,935	2,935
BlackRock Investment Management (Australia) Limited	10-Aug-17	yes	9.81	on mkt buy	AUD	ord 6,068	6,068
BlackRock Investment Management (Australia) Limited	10-Aug-17	yes	9.81	on mkt buy	AUD	ord 3,034	3,034
BlackRock Asset Management Canada Limited	10-Aug-17	yes	9.81	on mkt buy	AUD	ord 11,447	11,447
BlackRock Fund Advisors	11-Aug-17	no	n/a	in specie	AUD	ord 14,216	14,216
BlackRock Investment Management (UK) Limited	11-Aug-17	no	n/a	in specie	AUD	ord 18,956	18,956
BlackRock Japan Co., Ltd.	11-Aug-17	no	n/a	collateral transfer	AUD	ord 110,000	110,000
BlackRock Advisors (UK) Limited	11-Aug-17	no	n/a	collateral transfer	AUD	ord 673,051	673,051
BlackRock Investment Management, LLC	11-Aug-17	no	n/a	collateral transfer	AUD	ord 27,641	27,641
BlackRock Investment Management (UK) Limited	11-Aug-17	no	n/a	collateral transfer	AUD	ord 80,260	80,260
BlackRock Asset Management North Asia Limited	11-Aug-17	no	n/a	collateral transfer	AUD	ord 35,048	35,048
BlackRock Advisors (UK) Limited	14-Aug-17	no	n/a	in specie	AUD	ord 15,289	15,289
BlackRock Fund Advisors	14-Aug-17	no	n/a	in specie	AUD	ord 25,710	25,710
BlackRock Asset Management North Asia Limited	14-Aug-17	no	n/a	collateral transfer	AUD	ord 1,260	1,260
BlackRock (Netherlands) B.V.	15-Aug-17	yes	9.73	on mkt buy	AUD	ord 530	530
BlackRock Investment Management, LLC	15-Aug-17	no	n/a	collateral transfer	AUD	ord 2,251	2,251
BlackRock Japan Co., Ltd.	16-Aug-17	yes	9.70	on mkt buy	AUD	ord 3,111	3,111



Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Institutional Trust Company, National Association	16-Aug-17	yes	9.70	on mkt buy	AUD	ord 17,385	17,385
BlackRock Advisors (UK) Limited	16-Aug-17	yes	9.70	on mkt buy	AUD	ord 1,995	1,995
BlackRock Fund Advisors	16-Aug-17	no	n/a	in specie	AUD	ord 28,432	28,432
BlackRock Investment Management (UK) Limited	16-Aug-17	no	n/a	collateral transfer	AUD	ord 56	56
BlackRock Asset Management North Asia Limited	16-Aug-17	no	n/a	collateral transfer	AUD	ord 147	147
BlackRock Advisors (UK) Limited	17-Aug-17	yes	9.81	on mkt buy	AUD	ord 8,216	8,216
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	9.84	on mkt buy	AUD	ord 14,184	14,184
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	9.84	on mkt buy	AUD	ord 10,256	10,256
BlackRock Fund Advisors	17-Aug-17	no	n/a	in specie	AUD	ord 12,855	12,855
BlackRock Investment Management, LLC	17-Aug-17	no	n/a	collateral transfer	AUD	ord 310	310
BlackRock Asset Management North Asia Limited	17-Aug-17	no	n/a	collateral transfer	AUD	ord 2,762	2,762
BlackRock Advisors (UK) Limited	18-Aug-17	yes	9.76	on mkt buy	AUD	ord 3,235	3,235
BlackRock Fund Advisors	18-Aug-17	no	n/a	in specie	AUD	ord 9,825	9,825
BlackRock Advisors (UK) Limited	18-Aug-17	no	n/a	collateral transfer	AUD	ord 44,741	44,741
BlackRock Investment Management, LLC	18-Aug-17	no	n/a	collateral transfer	AUD	ord 604	604
BlackRock Asset Management North Asia Limited	18-Aug-17	no	n/a	collateral transfer	AUD	ord 768	768
BlackRock Fund Advisors	21-Aug-17	yes	9.71	on mkt buy	AUD	ord 6,496	6,496
BlackRock Investment Management, LLC	21-Aug-17	no	n/a	collateral transfer	AUD	ord 444	444
BlackRock Advisors, LLC	22-Aug-17	yes	9.64	on mkt buy	AUD	ord 9,079	9,079
BlackRock Advisors (UK) Limited	22-Aug-17	no	n/a	in specie	AUD	ord 81,053	81,053
BlackRock Advisors (UK) Limited	22-Aug-17	no	n/a	in specie	AUD	ord 12,403	12,403
BlackRock Investment Management (UK) Limited	22-Aug-17	no	n/a	collateral transfer	AUD	ord 865	865
BlackRock Asset Management North Asia Limited	22-Aug-17	no	n/a	collateral transfer	AUD	ord 138	138
BlackRock Advisors (UK) Limited	23-Aug-17	yes	9.44	on mkt buy	AUD	ord 1,596	1,596
BlackRock Advisors (UK) Limited	23-Aug-17	yes	9.44	on mkt buy	AUD	ord 436	436
BlackRock Advisors (UK) Limited	23-Aug-17	yes	9.44	on mkt buy	AUD	ord 872	872
BlackRock Advisors (UK) Limited	23-Aug-17	no	n/a	in specie	AUD	ord 3,369	3,369
BlackRock Investment Management, LLC	23-Aug-17	no	n/a	collateral transfer	AUD	ord 554	554
BlackRock Asset Management North Asia Limited	23-Aug-17	no	n/a	collateral transfer	AUD	ord 184	184
BlackRock Financial Management, Inc.	24-Aug-17	yes	9.37	on mkt buy	AUD	ord 1,021	1,021
BlackRock Fund Advisors	24-Aug-17	no	n/a	in specie	AUD	ord 14,436	14,436
BlackRock Advisors (UK) Limited	24-Aug-17	no	n/a	collateral transfer	AUD	ord 970,818	970,818
BlackRock Investment Management (UK) Limited	24-Aug-17	no	n/a	collateral transfer	AUD	ord 6,010	6,010

## Annexure C

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

**Kayla Mulvihill,**  
**Authorised Signatory**

**28-Aug-17**  
**Date**

### 7. Addresses

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

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

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

Kayla Mulvihill, Authorised Signatory 28-Aug-17  
Date

<b>Type of agreement:</b>	Global Master Securities Lending Agreement
<b>Parties to agreement:</b>	Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited
<b>Transfer date:</b>	Refer to Annexure B (transactions identified as collateral transfers)
<b>Holder of voting rights:</b>	BlackRock Asset Management North Asia Limited (as investment manager for the funds)
<b>Are there any restrictions on voting rights?</b>  If yes, detail	Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights.
<b>Scheduled return date (if any):</b>	Not applicable.
<b>Does the borrower have the right to return early?</b>  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
<b>Does the lender have the right to recall early?</b>  If yes, detail	Yes, at notice.
<b>Will the securities be returned on settlement?</b>  If yes, detail any exceptions	Yes.

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