

# 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 / /

**\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.**

**DIRECTIONS**

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
  - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person ( eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

03-Feb-17

Date

Kayla Mulvihill,  
Authorised Signatory

## 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 6,295	6,295	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 21,251	21,251	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 67,418	67,418	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 LONDON		ord 1,113	1,113	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 1,300,397	1,300,397	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.	CB-CACEIS BANK LUXEMBOURG		ord 247	247	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 33,699	33,699	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 286,398	286,398	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 110,701	110,701	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 102,411	102,411	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 1,535,971	1,535,971	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 2,507	2,507	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.	UBS- UBS- ZURICH		ord 10,998	10,998	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 208,655	208,655	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST CO. - CHICAGO		ord 12,256	12,256	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 190,512	190,512	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 4,352	4,352	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.	HSBC-HSBC Institutional Trust Services (Asia) Ltd		ord 155	155	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC, HONG KONG		ord 1,781	1,781	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 737	737	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 9,910	9,910	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 67,093	67,093	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 10,915	10,915	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 337	337	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 41,025	41,025	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 29,690	29,690	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 24,489	24,489	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 31,212	31,212	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 19,641	19,641	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 71,643	71,643	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 27,050	27,050	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 5,167,374	5,167,374	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 510,868	510,868	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 2,509	2,509	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 50	50	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.	GS-GOLDMAN SACHS PRIME BROKER - NEW YORK		ord 12,157	12,157	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 236,074	236,074	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 179,280	179,280	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-SSB BOSTON INSTITUTIONAL		ord 9,718	9,718	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 348,064	348,064	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.	SSB-STATE STATE HONG KONG		ord 215,206	215,206	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 33,586	33,586	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 LONDON		ord 29,732	29,732	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 5,740,067	5,740,067	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 10,460	10,460	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 25,814	25,814	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 154,359	154,359	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ord 78,235	78,235	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 97,549	97,549	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 1,184,253	1,184,253	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 194,423	194,423	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.	SSB-STATE STREET AUSTRALIA		ord 30,220	30,220	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.	UBS- UBS- ZURICH		ord 10,093	10,093	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 58,819	58,819	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 20,770	20,770	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 65,799	65,799	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 206,389	206,389	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 2,740	2,740	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 435,133	435,133	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.	JPM-JP MORGAN CHASE - NEW YORK		ord 29,388	29,388	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 6,575	6,575	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 33,499	33,499	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 24,797	24,797	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 25,249	25,249	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SEB-SKANDINAVISKA ENSKILDA BANKEN		ord 12,432	12,432	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 23,186	23,186	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 93,266	93,266	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 29,742	29,742	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 32,065	32,065	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 263,765	263,765	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 316,115	316,115	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 5,205	5,205	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 7,295	7,295	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ord 5,433	5,433	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 653,001	653,001	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 1,951	1,951	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	MITSUI-SUMITOMO TRUST		ord 4,847	4,847	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 7,074	7,074	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 25,543	25,543	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 385,374	385,374	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 375,369	375,369	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 6,013	6,013	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 1,160,171	1,160,171	subsidiary of BlackRock Inc.

This is Annexure B of 16 pages referred to in form 603 Notice of initial substantial shareholder

03-Feb-17

Kayla Mulvihill,  
 Authorised Signatory

Date

## 5. Consideration

CSL LTD (CSL)								
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 Fund Advisors	03-Oct-16	yes	107.00	on mkt buy	AUD	ord	2,244	2,244
BlackRock Advisors (UK) Limited	03-Oct-16	yes	106.00	on mkt buy	AUD	ord	5,430	5,430
BlackRock Institutional Trust Company, National Association	03-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,350	1,350
BlackRock Institutional Trust Company, National Association	03-Oct-16	yes	107.00	on mkt buy	AUD	ord	109	109
BlackRock Fund Advisors	03-Oct-16	yes	106.00	on mkt buy	AUD	ord	4,050	4,050
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	637	637
BlackRock Financial Management, Inc.	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,609	1,609
BlackRock Japan Co., Ltd.	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	125	125
BlackRock Advisors, LLC	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	4,050	4,050
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	596	596
BlackRock Investment Management, LLC	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,207	1,207
BlackRock Fund Advisors	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,432	2,432
BlackRock Advisors, LLC	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,007	1,007
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	5,205	5,205
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,163	2,163
BlackRock International Limited	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,106	1,106
BlackRock Financial Management, Inc.	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	5,597	5,597
BlackRock Investment Management, LLC	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	382	382
BlackRock Financial Management, Inc.	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,160	2,160
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	5,286	5,286
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.00	on mkt buy	AUD	ord	951	951
BlackRock Advisors (UK) Limited	05-Oct-16	yes	106.00	on mkt buy	AUD	ord	10,764	10,764
BlackRock Fund Advisors	05-Oct-16	yes	106.00	on mkt buy	AUD	ord	4,404	4,404
BlackRock Fund Advisors	05-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,101	1,101
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,204	2,204
BlackRock Investment Management (UK) Limited	06-Oct-16	yes	107.00	on mkt buy	AUD	ord	1,411	1,411
BlackRock Advisors (UK) Limited	06-Oct-16	yes	106.00	on mkt buy	AUD	ord	394	394
BlackRock Investment Management, LLC	06-Oct-16	yes	106.00	on mkt buy	AUD	ord	268	268
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	6,949	6,949
BlackRock Advisors (UK) Limited	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,019	1,019
BlackRock Institutional Trust Company, National Association	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	7,951	7,951
BlackRock Fund Advisors	07-Oct-16	no	n/a	in specie	AUD	ord	4,004	4,004
BlackRock Fund Advisors	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,894	2,894
BlackRock Fund Advisors	07-Oct-16	no	n/a	in specie	AUD	ord	5,205	5,205
BlackRock Fund Advisors	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	935	935
BlackRock Advisors (UK) Limited	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,810	1,810
BlackRock Institutional Trust Company, National Association	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	3,303	3,303
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	571	571
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	3,131	3,131
BlackRock Fund Advisors	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,480	1,480
BlackRock Asset Management Canada Limited	07-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,502	1,502
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,351	1,351
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	106.00	on mkt buy	AUD	ord	4,483	4,483



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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	106.00	on mkt buy	AUD	ord	227	227
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	359	359
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	139	139
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	176	176
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	984	984
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	630	630
BlackRock Japan Co., Ltd.	11-Oct-16	yes	106.00	on mkt buy	AUD	ord	798	798
BlackRock Fund Advisors	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	3,172	3,172
BlackRock Fund Advisors	11-Oct-16	yes	106.00	on mkt buy	AUD	ord	31	31
BlackRock Fund Advisors	11-Oct-16	yes	106.00	on mkt buy	AUD	ord	561	561
BlackRock Advisors (UK) Limited	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,202	1,202
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	2,090	2,090
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,152	1,152
BlackRock Fund Advisors	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,277	1,277
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.00	on mkt buy	AUD	ord	106	106
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	340	340
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,236	1,236
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	585	585
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	105.00	on mkt buy	AUD	ord	919	919
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,558	2,558
BlackRock Advisors (UK) Limited	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,810	1,810
BlackRock Advisors, LLC	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,217	1,217
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	10,805	10,805
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	3,018	3,018
BlackRock Advisors (UK) Limited	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,202	1,202
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,106	1,106
BlackRock Institutional Trust Company, National Association	12-Oct-16	no	n/a	in specie	AUD	ord	7,284	7,284
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	10,410	10,410
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.00	on mkt buy	AUD	ord	4,064	4,064
BlackRock Fund Advisors	13-Oct-16	no	n/a	in specie	AUD	ord	1,104	1,104
BlackRock Fund Advisors	13-Oct-16	yes	104.00	on mkt buy	AUD	ord	1,997	1,997
BlackRock Advisors (UK) Limited	13-Oct-16	yes	104.00	on mkt buy	AUD	ord	120	120
BlackRock Advisors (UK) Limited	13-Oct-16	yes	104.00	on mkt buy	AUD	ord	360	360
BlackRock Investment Management (Australia) Limited	13-Oct-16	yes	104.00	on mkt buy	AUD	ord	2,359	2,359
BlackRock Institutional Trust Company, National Association	13-Oct-16	yes	104.00	on mkt buy	AUD	ord	142	142
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	405	405
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	538	538
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	295	295
BlackRock Fund Advisors	14-Oct-16	no	n/a	in specie	AUD	ord	6,960	6,960
BlackRock Advisors (UK) Limited	14-Oct-16	yes	105.00	on mkt buy	AUD	ord	3,620	3,620
BlackRock Advisors, LLC	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	923	923
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	5,468	5,468
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	1,547	1,547
BlackRock Advisors (UK) Limited	14-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,205	1,205
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	5,272	5,272
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.00	on mkt buy	AUD	ord	2,141	2,141

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BlackRock Institutional Trust Company, National Association	17-Oct-16	yes	105.00	on mkt buy	AUD	ord	44	44
BlackRock Institutional Trust Company, National Association	17-Oct-16	yes	104.00	on mkt buy	AUD	ord	11,741	11,741
BlackRock Institutional Trust Company, National Association	17-Oct-16	yes	104.00	on mkt buy	AUD	ord	504	504
BlackRock Institutional Trust Company, National Association	17-Oct-16	yes	104.00	on mkt buy	AUD	ord	420	420
BlackRock Institutional Trust Company, National Association	17-Oct-16	yes	104.00	on mkt buy	AUD	ord	1,479	1,479
BlackRock Investment Management, LLC	17-Oct-16	yes	105.00	on mkt buy	AUD	ord	52	52
BlackRock Institutional Trust Company, National Association	17-Oct-16	yes	104.00	on mkt buy	AUD	ord	21,105	21,105
BlackRock Institutional Trust Company, National Association	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	162	162
BlackRock Fund Advisors	18-Oct-16	yes	104.00	on mkt buy	AUD	ord	1,560	1,560
BlackRock Advisors, LLC	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	542	542
BlackRock Institutional Trust Company, National Association	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	3,210	3,210
BlackRock Institutional Trust Company, National Association	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	838	838
BlackRock Institutional Trust Company, National Association	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	426	426
BlackRock Institutional Trust Company, National Association	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	3,265	3,265
BlackRock Institutional Trust Company, National Association	18-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,796	1,796
BlackRock Institutional Trust Company, National Association	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	81	81
BlackRock Institutional Trust Company, National Association	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	17	17
BlackRock Fund Advisors	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,755	1,755
BlackRock Advisors (UK) Limited	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	600	600
BlackRock Fund Advisors	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	2,685	2,685
BlackRock Institutional Trust Company, National Association	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	968	968
BlackRock Investment Management, LLC	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	255	255
BlackRock Institutional Trust Company, National Association	19-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,057	1,057
BlackRock Institutional Trust Company, National Association	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	316	316
BlackRock Investment Management, LLC	20-Oct-16	no	n/a	in specie	AUD	ord	9,284	9,284
BlackRock Advisors, LLC	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	897	897
BlackRock Institutional Trust Company, National Association	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	4,794	4,794
BlackRock Institutional Trust Company, National Association	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,268	1,268
BlackRock Investment Management (Australia) Limited	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,525	1,525
BlackRock Investment Management (Australia) Limited	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,165	1,165
BlackRock Institutional Trust Company, National Association	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	5,736	5,736
BlackRock Institutional Trust Company, National Association	20-Oct-16	yes	105.00	on mkt buy	AUD	ord	1,693	1,693
BlackRock Advisors (UK) Limited	21-Oct-16	yes	104.00	on mkt buy	AUD	ord	717	717
BlackRock Investment Management (UK) Limited	21-Oct-16	yes	104.00	on mkt buy	AUD	ord	4,859	4,859
BlackRock Fund Advisors	21-Oct-16	yes	104.00	on mkt buy	AUD	ord	1,367	1,367
BlackRock Advisors (UK) Limited	21-Oct-16	yes	104.00	on mkt buy	AUD	ord	905	905
BlackRock Institutional Trust Company, National Association	21-Oct-16	yes	104.00	on mkt buy	AUD	ord	1,178	1,178
BlackRock Institutional Trust Company, National Association	24-Oct-16	yes	102.00	on mkt buy	AUD	ord	14,005	14,005
BlackRock Institutional Trust Company, National Association	24-Oct-16	yes	102.00	on mkt buy	AUD	ord	4,620	4,620
BlackRock Institutional Trust Company, National Association	24-Oct-16	yes	102.00	on mkt buy	AUD	ord	4,526	4,526
BlackRock Investment Management, LLC	24-Oct-16	yes	103.00	on mkt buy	AUD	ord	6,413	6,413
BlackRock Investment Management (Australia) Limited	24-Oct-16	yes	102.00	on mkt buy	AUD	ord	1,590	1,590
BlackRock Fund Advisors	25-Oct-16	yes	102.00	on mkt buy	AUD	ord	935	935
BlackRock Advisors (UK) Limited	25-Oct-16	yes	102.00	on mkt buy	AUD	ord	137	137
BlackRock Fund Advisors	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	1,000	1,000
BlackRock Fund Advisors	26-Oct-16	no	n/a	in specie	AUD	ord	6,980	6,980

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BlackRock Fund Advisors	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	1,440	1,440
BlackRock Advisors (UK) Limited	26-Oct-16	no	n/a	in specie	AUD	ord	5,612	5,612
BlackRock Institutional Trust Company, National Association	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	1,157	1,157
BlackRock Advisors (UK) Limited	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	128	128
BlackRock Advisors (UK) Limited	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	480	480
BlackRock Japan Co., Ltd.	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	225	225
BlackRock Institutional Trust Company, National Association	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	1,678	1,678
BlackRock Institutional Trust Company, National Association	26-Oct-16	yes	101.00	on mkt buy	AUD	ord	399	399
BlackRock Fund Advisors	27-Oct-16	no	n/a	in specie	AUD	ord	2,223	2,223
BlackRock Asset Management Canada Limited	27-Oct-16	yes	100.00	on mkt buy	AUD	ord	1,306	1,306
BlackRock Fund Advisors	27-Oct-16	no	n/a	in specie	AUD	ord	53	53
BlackRock Institutional Trust Company, National Association	27-Oct-16	yes	100.00	on mkt buy	AUD	ord	1,035	1,035
BlackRock Fund Advisors	27-Oct-16	no	n/a	in specie	AUD	ord	10,490	10,490
BlackRock Advisors (UK) Limited	28-Oct-16	yes	99.00	on mkt buy	AUD	ord	11,094	11,094
BlackRock Investment Management, LLC	28-Oct-16	yes	99.00	on mkt buy	AUD	ord	7,150	7,150
BlackRock Investment Management, LLC	28-Oct-16	no	n/a	in specie	AUD	ord	3,356	3,356
BlackRock Advisors (UK) Limited	28-Oct-16	yes	99.00	on mkt buy	AUD	ord	840	840
BlackRock Investment Management (UK) Limited	28-Oct-16	yes	99.00	on mkt buy	AUD	ord	329	329
BlackRock Fund Advisors	28-Oct-16	no	n/a	in specie	AUD	ord	10,490	10,490
BlackRock Institutional Trust Company, National Association	28-Oct-16	yes	99.00	on mkt buy	AUD	ord	476	476
BlackRock Fund Advisors	31-Oct-16	no	n/a	in specie	AUD	ord	2,002	2,002
BlackRock Fund Advisors	31-Oct-16	no	n/a	in specie	AUD	ord	53	53
BlackRock Advisors, LLC	31-Oct-16	yes	100.00	on mkt buy	AUD	ord	5,894	5,894
BlackRock Institutional Trust Company, National Association	31-Oct-16	yes	100.00	on mkt buy	AUD	ord	1,936	1,936
BlackRock Investment Management (UK) Limited	31-Oct-16	yes	100.00	on mkt buy	AUD	ord	1,983	1,983
BlackRock Investment Management (UK) Limited	01-Nov-16	yes	99.00	on mkt buy	AUD	ord	3,204	3,204
BlackRock Advisors (UK) Limited	01-Nov-16	yes	99.00	on mkt buy	AUD	ord	1,812	1,812
BlackRock Advisors (UK) Limited	01-Nov-16	yes	99.00	on mkt buy	AUD	ord	555	555
BlackRock Advisors (UK) Limited	01-Nov-16	yes	99.00	on mkt buy	AUD	ord	411	411
BlackRock Investment Management (Australia) Limited	02-Nov-16	yes	97.00	on mkt buy	AUD	ord	2,123	2,123
BlackRock Investment Management, LLC	02-Nov-16	no	n/a	in specie	AUD	ord	8,228	8,228
BlackRock Investment Management, LLC	02-Nov-16	no	n/a	in specie	AUD	ord	8,190	8,190
BlackRock Fund Advisors	02-Nov-16	yes	97.00	on mkt buy	AUD	ord	2,659	2,659
BlackRock Advisors (UK) Limited	02-Nov-16	yes	97.00	on mkt buy	AUD	ord	1,320	1,320
BlackRock Advisors (UK) Limited	02-Nov-16	yes	97.00	on mkt buy	AUD	ord	272	272
BlackRock Advisors (UK) Limited	03-Nov-16	yes	98.00	on mkt buy	AUD	ord	3,074	3,074
BlackRock Asset Management North Asia Limited	03-Nov-16	no	n/a	collateral transfer	AUD	ord	9	9
BlackRock Advisors (UK) Limited	03-Nov-16	yes	98.00	on mkt buy	AUD	ord	1,806	1,806
BlackRock Advisors (UK) Limited	03-Nov-16	yes	98.00	on mkt buy	AUD	ord	120	120
BlackRock Investment Management, LLC	03-Nov-16	yes	97.00	on mkt buy	AUD	ord	1,792	1,792
BlackRock Fund Advisors	03-Nov-16	no	n/a	in specie	AUD	ord	10,490	10,490
BlackRock Investment Management (Australia) Limited	04-Nov-16	yes	98.00	on mkt buy	AUD	ord	4,028	4,028
BlackRock Fund Advisors	04-Nov-16	no	n/a	in specie	AUD	ord	4,004	4,004
BlackRock Advisors (UK) Limited	04-Nov-16	yes	98.00	on mkt buy	AUD	ord	905	905
BlackRock Advisors, LLC	04-Nov-16	yes	98.00	on mkt buy	AUD	ord	453	453
BlackRock Investment Management, LLC	04-Nov-16	yes	98.00	on mkt buy	AUD	ord	339	339
BlackRock Fund Advisors	07-Nov-16	no	n/a	in specie	AUD	ord	4,004	4,004
BlackRock Advisors (UK) Limited	07-Nov-16	yes	99.00	on mkt buy	AUD	ord	1,452	1,452
BlackRock Advisors (UK) Limited	08-Nov-16	no	n/a	in specie	AUD	ord	607	607
BlackRock Investment Management (Australia) Limited	08-Nov-16	yes	99.00	on mkt buy	AUD	ord	2,942	2,942
BlackRock Investment Management (Australia) Limited	08-Nov-16	yes	99.00	on mkt buy	AUD	ord	3,538	3,538
BlackRock Advisors (UK) Limited	09-Nov-16	yes	97.00	on mkt buy	AUD	ord	907	907
BlackRock Asset Management North Asia Limited	10-Nov-16	no	n/a	collateral transfer	AUD	ord	1	1
BlackRock Financial Management, Inc.	10-Nov-16	yes	101.00	on mkt buy	AUD	ord	7,357	7,357
BlackRock Advisors (UK) Limited	10-Nov-16	yes	102.00	on mkt buy	AUD	ord	242	242
BlackRock Advisors (UK) Limited	10-Nov-16	yes	102.00	on mkt buy	AUD	ord	405	405
BlackRock Investment Management, LLC	10-Nov-16	yes	101.00	on mkt buy	AUD	ord	125	125
BlackRock Fund Advisors	10-Nov-16	no	n/a	in specie	AUD	ord	12,588	12,588
BlackRock Fund Advisors	11-Nov-16	no	n/a	in specie	AUD	ord	2,002	2,002

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BlackRock Advisors (UK) Limited	11-Nov-16	yes	103.00	on mkt buy	AUD	ord	3,628	3,628
BlackRock Advisors (UK) Limited	11-Nov-16	yes	103.00	on mkt buy	AUD	ord	484	484
BlackRock Investment Management (UK) Limited	11-Nov-16	no	n/a	in specie	AUD	ord	4,368	4,368
BlackRock Investment Management, LLC	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	561	561
BlackRock Fund Advisors	14-Nov-16	no	n/a	in specie	AUD	ord	920	920
BlackRock Fund Advisors	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	2,424	2,424
BlackRock Fund Advisors	14-Nov-16	no	n/a	in specie	AUD	ord	3,839	3,839
BlackRock Advisors (UK) Limited	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	3,624	3,624
BlackRock Advisors (UK) Limited	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	905	905
BlackRock Advisors (UK) Limited	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	1,694	1,694
BlackRock Advisors (UK) Limited	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	220	220
BlackRock Advisors (UK) Limited	14-Nov-16	yes	103.00	on mkt buy	AUD	ord	395	395
BlackRock Institutional Trust Company, National Association	14-Nov-16	no	n/a	in specie	AUD	ord	7,305	7,305
BlackRock Japan Co., Ltd.	15-Nov-16	yes	101.00	on mkt buy	AUD	ord	251	251
BlackRock Fund Advisors	15-Nov-16	no	n/a	in specie	AUD	ord	1,745	1,745
BlackRock Advisors (UK) Limited	15-Nov-16	yes	101.00	on mkt buy	AUD	ord	1,810	1,810
BlackRock Fund Advisors	15-Nov-16	no	n/a	in specie	AUD	ord	53	53
BlackRock Japan Co., Ltd.	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	373	373
BlackRock Japan Co., Ltd.	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	261	261
BlackRock Advisors (UK) Limited	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	819	819
BlackRock Fund Advisors	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	1,797	1,797
BlackRock Fund Advisors	16-Nov-16	no	n/a	in specie	AUD	ord	1,745	1,745
BlackRock Fund Advisors	16-Nov-16	no	n/a	in specie	AUD	ord	1,396	1,396
BlackRock Advisors (UK) Limited	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	908	908
BlackRock Advisors (UK) Limited	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	3,632	3,632
BlackRock Advisors (UK) Limited	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	202	202
BlackRock Investment Management (Australia) Limited	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	736	736
BlackRock Investment Management, LLC	16-Nov-16	yes	101.00	on mkt buy	AUD	ord	236	236
BlackRock Financial Management, Inc.	16-Nov-16	yes	99.00	on mkt buy	AUD	ord	973	973
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	1,687	1,687
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	11,362	11,362
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	31,171	31,171
BlackRock Fund Advisors	17-Nov-16	no	n/a	in specie	AUD	ord	1,288	1,288
BlackRock Fund Advisors	17-Nov-16	no	n/a	in specie	AUD	ord	2,392	2,392
BlackRock Fund Advisors	17-Nov-16	no	n/a	in specie	AUD	ord	5,933	5,933
BlackRock Fund Advisors	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	696	696
BlackRock Fund Advisors	17-Nov-16	no	n/a	in specie	AUD	ord	1,124	1,124
BlackRock Advisors (UK) Limited	17-Nov-16	yes	100.00	on mkt buy	AUD	ord	1,816	1,816
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	2,730	2,730
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	26,334	26,334
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	726	726
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	404	404
BlackRock Advisors (UK) Limited	17-Nov-16	yes	101.00	on mkt buy	AUD	ord	909	909
BlackRock Investment Management (Australia) Limited	17-Nov-16	yes	100.00	on mkt buy	AUD	ord	86,956	86,956
BlackRock Fund Advisors	18-Nov-16	no	n/a	in specie	AUD	ord	693	693
BlackRock Fund Advisors	18-Nov-16	no	n/a	in specie	AUD	ord	2,810	2,810
BlackRock Advisors (UK) Limited	18-Nov-16	yes	100.00	on mkt buy	AUD	ord	11,830	11,830
BlackRock Advisors (UK) Limited	18-Nov-16	yes	100.00	on mkt buy	AUD	ord	2,730	2,730
BlackRock Advisors (UK) Limited	18-Nov-16	yes	100.00	on mkt buy	AUD	ord	147	147
BlackRock Investment Management (UK) Limited	18-Nov-16	yes	100.00	on mkt buy	AUD	ord	526	526
BlackRock Advisors (UK) Limited	21-Nov-16	no	n/a	in specie	AUD	ord	4,644	4,644
BlackRock Investment Management (UK) Limited	21-Nov-16	no	n/a	in specie	AUD	ord	4,671	4,671
BlackRock Fund Advisors	21-Nov-16	no	n/a	in specie	AUD	ord	562	562
BlackRock Fund Advisors	21-Nov-16	no	n/a	in specie	AUD	ord	1,124	1,124
BlackRock Advisors (UK) Limited	21-Nov-16	yes	99.00	on mkt buy	AUD	ord	3,632	3,632
BlackRock Investment Management (UK) Limited	22-Nov-16	yes	101.00	on mkt buy	AUD	ord	89	89
BlackRock Advisors (UK) Limited	22-Nov-16	yes	100.00	on mkt buy	AUD	ord	908	908
BlackRock Advisors (UK) Limited	22-Nov-16	yes	100.00	on mkt buy	AUD	ord	726	726
BlackRock Fund Advisors	23-Nov-16	no	n/a	in specie	AUD	ord	920	920
BlackRock Fund Advisors	23-Nov-16	no	n/a	in specie	AUD	ord	2,310	2,310
BlackRock Fund Advisors	23-Nov-16	no	n/a	in specie	AUD	ord	693	693
BlackRock Advisors (UK) Limited	23-Nov-16	yes	99.00	on mkt buy	AUD	ord	242	242
BlackRock Investment Management (Australia) Limited	24-Nov-16	yes	99.00	on mkt buy	AUD	ord	760	760
BlackRock Fund Advisors	25-Nov-16	no	n/a	in specie	AUD	ord	3,141	3,141
BlackRock Japan Co., Ltd.	28-Nov-16	yes	98.00	on mkt buy	AUD	ord	2,102	2,102
BlackRock Fund Advisors	28-Nov-16	yes	98.00	on mkt buy	AUD	ord	1,398	1,398
BlackRock Fund Advisors	28-Nov-16	no	n/a	in specie	AUD	ord	562	562

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	28-Nov-16	yes	98.00	on mkt buy	AUD	ord	790	790
BlackRock Advisors (UK) Limited	28-Nov-16	yes	98.00	on mkt buy	AUD	ord	404	404
BlackRock Investment Management, LLC	28-Nov-16	yes	100.00	on mkt buy	AUD	ord	303	303
BlackRock Investment Management (Australia) Limited	28-Nov-16	yes	99.00	on mkt buy	AUD	ord	301	301
BlackRock Fund Advisors	29-Nov-16	no	n/a	in specie	AUD	ord	2,792	2,792
BlackRock Advisors (UK) Limited	29-Nov-16	yes	98.00	on mkt buy	AUD	ord	909	909
BlackRock Advisors (UK) Limited	29-Nov-16	yes	98.00	on mkt buy	AUD	ord	605	605
BlackRock Advisors (UK) Limited	29-Nov-16	yes	98.00	on mkt buy	AUD	ord	303	303
BlackRock Japan Co., Ltd.	29-Nov-16	yes	98.00	on mkt buy	AUD	ord	160	160
BlackRock Fund Advisors	29-Nov-16	no	n/a	in specie	AUD	ord	10,490	10,490
BlackRock Advisors (UK) Limited	30-Nov-16	no	n/a	in specie	AUD	ord	3,025	3,025
BlackRock Investment Management (Australia) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	3,837	3,837
BlackRock Investment Management (Australia) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	48	48
BlackRock Asset Management Canada Limited	30-Nov-16	yes	97.00	on mkt buy	AUD	ord	2,661	2,661
BlackRock Institutional Trust Company, National Association	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	12,388	12,388
BlackRock Institutional Trust Company, National Association	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	24,509	24,509
BlackRock International Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	961	961
BlackRock Advisors (UK) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	5,217	5,217
BlackRock Advisors (UK) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	136	136
BlackRock Advisors (UK) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	203	203
BlackRock Fund Advisors	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	112	112
BlackRock Advisors (UK) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	706	706
BlackRock Advisors, LLC	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	4,960	4,960
BlackRock Institutional Trust Company, National Association	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	1,563	1,563
BlackRock Investment Management (Australia) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	115	115
BlackRock Institutional Trust Company, National Association	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	759	759
BlackRock Institutional Trust Company, National Association	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	3,131	3,131
BlackRock Institutional Trust Company, National Association	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	13,510	13,510
BlackRock Investment Management (Australia) Limited	30-Nov-16	yes	98.00	on mkt buy	AUD	ord	472	472
BlackRock Advisors, LLC	01-Dec-16	yes	99.00	on mkt buy	AUD	ord	1,823	1,823
BlackRock Institutional Trust Company, National Association	01-Dec-16	yes	99.00	on mkt buy	AUD	ord	261	261
BlackRock Institutional Trust Company, National Association	01-Dec-16	yes	99.00	on mkt buy	AUD	ord	25,265	25,265
BlackRock Investment Management (UK) Limited	01-Dec-16	yes	98.00	on mkt buy	AUD	ord	62	62
BlackRock Fund Advisors	01-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,105	1,105
BlackRock Institutional Trust Company, National Association	01-Dec-16	yes	99.00	on mkt buy	AUD	ord	449	449
BlackRock Investment Management, LLC	01-Dec-16	yes	98.00	on mkt buy	AUD	ord	113	113
BlackRock Investment Management (Australia) Limited	02-Dec-16	yes	99.00	on mkt buy	AUD	ord	21	21
BlackRock Japan Co., Ltd.	02-Dec-16	yes	98.00	on mkt buy	AUD	ord	985	985
BlackRock Fund Advisors	02-Dec-16	no	n/a	in specie	AUD	ord	3,490	3,490
BlackRock Fund Advisors	02-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,050	1,050
BlackRock Fund Advisors	02-Dec-16	no	n/a	in specie	AUD	ord	585	585
BlackRock Japan Co., Ltd.	05-Dec-16	yes	96.00	on mkt buy	AUD	ord	984	984
BlackRock Fund Advisors	05-Dec-16	no	n/a	in specie	AUD	ord	562	562
BlackRock Investment Management (Australia) Limited	06-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,016	1,016
BlackRock Advisors, LLC	06-Dec-16	yes	96.00	on mkt buy	AUD	ord	66	66
BlackRock Institutional Trust Company, National Association	06-Dec-16	yes	96.00	on mkt buy	AUD	ord	13,215	13,215
BlackRock Fund Advisors	06-Dec-16	no	n/a	in specie	AUD	ord	693	693
BlackRock Fund Advisors	06-Dec-16	no	n/a	in specie	AUD	ord	1,386	1,386
BlackRock Fund Advisors	06-Dec-16	no	n/a	in specie	AUD	ord	562	562
BlackRock Advisors (UK) Limited	06-Dec-16	yes	96.00	on mkt buy	AUD	ord	5,406	5,406
BlackRock Investment Management (UK) Limited	06-Dec-16	yes	96.00	on mkt buy	AUD	ord	6,520	6,520
BlackRock Institutional Trust Company, National Association	06-Dec-16	yes	96.00	on mkt buy	AUD	ord	2,681	2,681
BlackRock Investment Management (Australia) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,006	1,006

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			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,892	1,892
BlackRock Investment Management (Australia) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	52	52
BlackRock Investment Management (UK) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	326	326
BlackRock Fund Advisors	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	960	960
BlackRock Fund Advisors	07-Dec-16	no	n/a	in specie	AUD	ord	1,745	1,745
BlackRock Fund Advisors	07-Dec-16	no	n/a	in specie	AUD	ord	5,235	5,235
BlackRock Investment Management (Australia) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	4,240	4,240
BlackRock Advisors (UK) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	392	392
BlackRock Japan Co., Ltd.	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	91	91
BlackRock Institutional Trust Company, National Association	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,330	1,330
BlackRock Investment Management (Australia) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	737	737
BlackRock Institutional Trust Company, National Association	07-Dec-16	no	n/a	in specie	AUD	ord	7,529	7,529
BlackRock Fund Advisors	07-Dec-16	no	n/a	in specie	AUD	ord	8,356	8,356
BlackRock Fund Advisors	07-Dec-16	no	n/a	in specie	AUD	ord	8,356	8,356
BlackRock Fund Advisors	07-Dec-16	no	n/a	in specie	AUD	ord	6,267	6,267
BlackRock Investment Management (Australia) Limited	07-Dec-16	yes	96.00	on mkt buy	AUD	ord	751	751
BlackRock Investment Management (Australia) Limited	09-Dec-16	yes	95.00	on mkt buy	AUD	ord	2,718	2,718
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	in specie	AUD	ord	802	802
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	in specie	AUD	ord	440	440
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	in specie	AUD	ord	1,012	1,012
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	in specie	AUD	ord	381	381
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	in specie	AUD	ord	763	763
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	in specie	AUD	ord	1,149	1,149
BlackRock Advisors (UK) Limited	09-Dec-16	no	n/a	collateral transfer	AUD	ord	40,985	40,985
BlackRock Investment Management (UK) Limited	09-Dec-16	no	n/a	collateral transfer	AUD	ord	12,296	12,296
BlackRock Financial Management, Inc.	09-Dec-16	yes	95.00	on mkt buy	AUD	ord	790	790
BlackRock Fund Advisors	09-Dec-16	no	n/a	in specie	AUD	ord	5,224	5,224
BlackRock Fund Advisors	09-Dec-16	no	n/a	in specie	AUD	ord	3,490	3,490
BlackRock Advisors (UK) Limited	09-Dec-16	yes	95.00	on mkt buy	AUD	ord	960	960
BlackRock Institutional Trust Company, National Association	09-Dec-16	yes	95.00	on mkt buy	AUD	ord	625	625
BlackRock Investment Management (UK) Limited	09-Dec-16	yes	95.00	on mkt buy	AUD	ord	479	479
BlackRock Investment Management (UK) Limited	09-Dec-16	yes	95.00	on mkt buy	AUD	ord	1,028	1,028
BlackRock Fund Advisors	09-Dec-16	no	n/a	in specie	AUD	ord	6,267	6,267
BlackRock Advisors (UK) Limited	12-Dec-16	yes	92.00	on mkt buy	AUD	ord	901	901
BlackRock Advisors (UK) Limited	12-Dec-16	yes	92.00	on mkt buy	AUD	ord	907	907
BlackRock Fund Advisors	12-Dec-16	no	n/a	in specie	AUD	ord	53	53
BlackRock Japan Co., Ltd.	12-Dec-16	yes	92.00	on mkt buy	AUD	ord	77	77
BlackRock Institutional Trust Company, National Association	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	1,428	1,428
BlackRock Institutional Trust Company, National Association	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	616	616
BlackRock Institutional Trust Company, National Association	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	651	651
BlackRock Investment Management (Australia) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	108	108
BlackRock Asset Management North Asia Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	448	448
BlackRock Investment Management (Australia) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	64	64
BlackRock Advisors (UK) Limited	13-Dec-16	no	n/a	collateral transfer	AUD	ord	308,047	308,047
BlackRock Investment Management, LLC	13-Dec-16	no	n/a	collateral transfer	AUD	ord	1,326	1,326
BlackRock Investment Management (UK) Limited	13-Dec-16	no	n/a	collateral transfer	AUD	ord	1,129	1,129

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BlackRock Asset Management North Asia Limited	13-Dec-16	no	n/a	collateral transfer	AUD	ord	3,967	3,967
BlackRock Investment Management (UK) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	26	26
BlackRock Financial Management, Inc.	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	3,932	3,932
BlackRock Financial Management, Inc.	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	1,152	1,152
BlackRock Fund Advisors	13-Dec-16	no	n/a	in specie	AUD	ord	2,443	2,443
BlackRock Fund Advisors	13-Dec-16	no	n/a	in specie	AUD	ord	1,716	1,716
BlackRock Institutional Trust Company, National Association	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	485	485
BlackRock Institutional Trust Company, National Association	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	3,318	3,318
BlackRock Investment Management (Australia) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	17,833	17,833
BlackRock Investment Management (Australia) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	39	39
BlackRock Investment Management, LLC	13-Dec-16	yes	93.00	on mkt buy	AUD	ord	297	297
BlackRock Investment Management (Australia) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	1,803	1,803
BlackRock Investment Management (Australia) Limited	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	862	862
BlackRock Institutional Trust Company, National Association	13-Dec-16	yes	94.00	on mkt buy	AUD	ord	1,125	1,125
BlackRock Financial Management, Inc.	14-Dec-16	yes	96.00	on mkt buy	AUD	ord	648	648
BlackRock Advisors (UK) Limited	14-Dec-16	no	n/a	collateral transfer	AUD	ord	117,547	117,547
BlackRock Asset Management North Asia Limited	14-Dec-16	no	n/a	collateral transfer	AUD	ord	322	322
BlackRock Institutional Trust Company, National Association	14-Dec-16	no	n/a	in specie	AUD	ord	5,204	5,204
BlackRock Fund Advisors	14-Dec-16	no	n/a	in specie	AUD	ord	9,142	9,142
BlackRock Fund Advisors	14-Dec-16	no	n/a	in specie	AUD	ord	3,490	3,490
BlackRock Fund Advisors	14-Dec-16	no	n/a	in specie	AUD	ord	4,537	4,537
BlackRock Fund Advisors	14-Dec-16	no	n/a	in specie	AUD	ord	2,145	2,145
BlackRock Advisors (UK) Limited	14-Dec-16	yes	96.00	on mkt buy	AUD	ord	404	404
BlackRock Fund Advisors	14-Dec-16	no	n/a	in specie	AUD	ord	53	53
BlackRock Fund Advisors	14-Dec-16	no	n/a	in specie	AUD	ord	1,791	1,791
BlackRock Institutional Trust Company, National Association	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	632	632
BlackRock Investment Management (Australia) Limited	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	44,346	44,346
BlackRock Japan Co., Ltd.	15-Dec-16	no	n/a	collateral transfer	AUD	ord	6,112	6,112
BlackRock (Singapore) Limited	15-Dec-16	no	n/a	collateral transfer	AUD	ord	29,729	29,729
BlackRock Financial Management, Inc.	15-Dec-16	no	n/a	collateral transfer	AUD	ord	57,067	57,067
BlackRock Investment Management, LLC	15-Dec-16	no	n/a	collateral transfer	AUD	ord	55,398	55,398
BlackRock Investment Management (UK) Limited	15-Dec-16	no	n/a	collateral transfer	AUD	ord	256,846	256,846
BlackRock Asset Management North Asia Limited	15-Dec-16	no	n/a	collateral transfer	AUD	ord	17,530	17,530
BlackRock Financial Management, Inc.	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,984	1,984
BlackRock Financial Management, Inc.	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	833	833
BlackRock Fund Advisors	15-Dec-16	no	n/a	in specie	AUD	ord	924	924
BlackRock Fund Advisors	15-Dec-16	no	n/a	in specie	AUD	ord	2,612	2,612
BlackRock Fund Advisors	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,650	1,650
BlackRock Advisors, LLC	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	416	416
BlackRock Institutional Trust Company, National Association	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	4,698	4,698
BlackRock Institutional Trust Company, National Association	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,127	1,127
BlackRock Fund Advisors	15-Dec-16	no	n/a	in specie	AUD	ord	1,791	1,791
BlackRock Institutional Trust Company, National Association	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,591	1,591
BlackRock Investment Management (UK) Limited	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,018	1,018
BlackRock Advisors (UK) Limited	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,023	1,023
BlackRock Advisors (UK) Limited	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	851	851
BlackRock Institutional Trust Company, National Association	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	2,638	2,638
BlackRock Institutional Trust Company, National Association	15-Dec-16	yes	96.00	on mkt buy	AUD	ord	2,497	2,497

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	16-Dec-16	no	n/a	collateral transfer	AUD	ord	330,409	330,409
BlackRock Investment Management (UK) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	4,349	4,349
BlackRock Investment Management (UK) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	6,190	6,190
BlackRock Fund Advisors	16-Dec-16	no	n/a	in specie	AUD	ord	1,155	1,155
BlackRock Fund Advisors	16-Dec-16	no	n/a	in specie	AUD	ord	7,836	7,836
BlackRock Investment Management, LLC	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,023	1,023
BlackRock Fund Advisors	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	877	877
BlackRock Institutional Trust Company, National Association	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	3,122	3,122
BlackRock Investment Management (Australia) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	196	196
BlackRock Institutional Trust Company, National Association	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	119	119
BlackRock Investment Management (UK) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	814	814
BlackRock Investment Management (Australia) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	354	354
BlackRock Investment Management (UK) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	1,450	1,450
BlackRock Investment Management (Australia) Limited	16-Dec-16	yes	96.00	on mkt buy	AUD	ord	507	507
BlackRock Institutional Trust Company, National Association	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	105	105
BlackRock Institutional Trust Company, National Association	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	61	61
BlackRock Institutional Trust Company, National Association	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	34	34
BlackRock Investment Management (Australia) Limited	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	1,962	1,962
BlackRock Investment Management (Australia) Limited	19-Dec-16	no	n/a	in specie	AUD	ord	192,461	192,461
BlackRock Investment Management (Australia) Limited	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	3,180	3,180
BlackRock Asset Management Canada Limited	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	1,263	1,263
BlackRock Advisors (UK) Limited	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	158	158
BlackRock Institutional Trust Company, National Association	19-Dec-16	yes	97.00	on mkt buy	AUD	ord	1,795	1,795
BlackRock Investment Management (Australia) Limited	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	291	291
BlackRock Investment Management (Australia) Limited	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	7,678	7,678
BlackRock Investment Management (Australia) Limited	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	6,079	6,079
BlackRock Advisors (UK) Limited	20-Dec-16	no	n/a	collateral transfer	AUD	ord	142,488	142,488
BlackRock Investment Management, LLC	20-Dec-16	no	n/a	collateral transfer	AUD	ord	41	41
BlackRock Investment Management (UK) Limited	20-Dec-16	no	n/a	collateral transfer	AUD	ord	9,370	9,370
BlackRock Financial Management, Inc.	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,204	1,204
BlackRock Financial Management, Inc.	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	442	442
BlackRock Investment Management (Australia) Limited	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	668	668
BlackRock Institutional Trust Company, National Association	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	991	991
BlackRock Investment Management (Australia) Limited	20-Dec-16	yes	98.00	on mkt buy	AUD	ord	934	934
BlackRock Japan Co., Ltd.	21-Dec-16	no	n/a	collateral transfer	AUD	ord	393,302	393,302
BlackRock Advisors (UK) Limited	21-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,320	1,320
BlackRock Advisors (UK) Limited	21-Dec-16	yes	98.00	on mkt buy	AUD	ord	108	108
BlackRock Investment Management (Australia) Limited	21-Dec-16	yes	98.00	on mkt buy	AUD	ord	734	734
BlackRock Investment Management (Australia) Limited	21-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,013	1,013
BlackRock Investment Management (Australia) Limited	21-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,753	1,753
BlackRock Investment Management (Australia) Limited	22-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,869	1,869
BlackRock Investment Management (Australia) Limited	22-Dec-16	yes	98.00	on mkt buy	AUD	ord	4,921	4,921
BlackRock Advisors (UK) Limited	22-Dec-16	yes	98.00	on mkt buy	AUD	ord	523	523



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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	22-Dec-16	yes	98.00	on mkt buy	AUD	ord	810	810
BlackRock Capital Management, Inc.	22-Dec-16	no	n/a	collateral transfer	AUD	ord	90	90
BlackRock Investment Management (UK) Limited	22-Dec-16	no	n/a	collateral transfer	AUD	ord	50,700	50,700
BlackRock Investment Management (Australia) Limited	22-Dec-16	yes	98.00	on mkt buy	AUD	ord	574	574
BlackRock Fund Advisors	22-Dec-16	no	n/a	in specie	AUD	ord	850	850
BlackRock Fund Advisors	22-Dec-16	no	n/a	in specie	AUD	ord	904	904
BlackRock Fund Advisors	22-Dec-16	no	n/a	in specie	AUD	ord	1,130	1,130
BlackRock Investment Management (Australia) Limited	22-Dec-16	yes	98.00	on mkt buy	AUD	ord	703	703
BlackRock Advisors (UK) Limited	23-Dec-16	no	n/a	collateral transfer	AUD	ord	93,660	93,660
BlackRock Fund Advisors	23-Dec-16	no	n/a	in specie	AUD	ord	10,368	10,368
BlackRock Fund Advisors	23-Dec-16	yes	98.00	on mkt buy	AUD	ord	1,281	1,281
BlackRock Fund Advisors	23-Dec-16	yes	98.00	on mkt buy	AUD	ord	4,504	4,504
BlackRock Advisors (UK) Limited	27-Dec-16	no	n/a	collateral transfer	AUD	ord	147,999	147,999
BlackRock Investment Management (UK) Limited	27-Dec-16	no	n/a	collateral transfer	AUD	ord	64,879	64,879
BlackRock Fund Advisors	27-Dec-16	no	n/a	in specie	AUD	ord	678	678
BlackRock Fund Advisors	28-Dec-16	no	n/a	in specie	AUD	ord	850	850
BlackRock Fund Advisors	28-Dec-16	no	n/a	in specie	AUD	ord	2,592	2,592
BlackRock Fund Advisors	28-Dec-16	yes	99.00	on mkt buy	AUD	ord	7,075	7,075
BlackRock Fund Advisors	28-Dec-16	yes	99.00	on mkt buy	AUD	ord	1,496	1,496
BlackRock Fund Advisors	28-Dec-16	no	n/a	in specie	AUD	ord	1,035	1,035
BlackRock Fund Advisors	28-Dec-16	no	n/a	in specie	AUD	ord	840	840
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	97	97
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	67	67
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	101	101
BlackRock Advisors (UK) Limited	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	120	120
BlackRock Advisors (UK) Limited	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	1	1
BlackRock Investment Management (UK) Limited	29-Dec-16	no	n/a	collateral transfer	AUD	ord	19,674	19,674
BlackRock Financial Management, Inc.	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	11	11
BlackRock Financial Management, Inc.	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	1,381	1,381
BlackRock Financial Management, Inc.	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	4	4
BlackRock Financial Management, Inc.	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	560	560
BlackRock Fund Advisors	29-Dec-16	no	n/a	in specie	AUD	ord	3,440	3,440
BlackRock Advisors (UK) Limited	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	902	902
BlackRock Advisors (UK) Limited	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	1,804	1,804
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	24	24
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	2,914	2,914
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	4	4
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	544	544
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	10	10
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	1,275	1,275
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	16	16
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	2,053	2,053
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	17	17
BlackRock Institutional Trust Company, National Association	29-Dec-16	yes	99.00	on mkt buy	AUD	ord	2,184	2,184
BlackRock Advisors (UK) Limited	30-Dec-16	no	n/a	collateral transfer	AUD	ord	282,687	282,687
BlackRock Asset Management North Asia Limited	30-Dec-16	no	n/a	collateral transfer	AUD	ord	1	1
BlackRock Investment Management (UK) Limited	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	1,280	1,280
BlackRock Investment Management, LLC	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	1,070	1,070
BlackRock Institutional Trust Company, National Association	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	263	263

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	2,069	2,069
BlackRock Advisors (UK) Limited	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	360	360
BlackRock Institutional Trust Company, National Association	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	2,178	2,178
BlackRock Investment Management (Australia) Limited	30-Dec-16	yes	99.00	on mkt buy	AUD	ord	40	40
BlackRock Institutional Trust Company, National Association	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	256	256
BlackRock Investment Management (UK) Limited	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	625	625
BlackRock Investment Management (UK) Limited	30-Dec-16	yes	100.00	on mkt buy	AUD	ord	996	996
BlackRock Institutional Trust Company, National Association	03-Jan-17	no	n/a	in specie	AUD	ord	11,660	11,660
BlackRock Institutional Trust Company, National Association	03-Jan-17	yes	100.00	on mkt buy	AUD	ord	19,405	19,405
BlackRock Institutional Trust Company, National Association	03-Jan-17	no	n/a	in specie	AUD	ord	8,745	8,745
BlackRock Institutional Trust Company, National Association	03-Jan-17	yes	100.00	on mkt buy	AUD	ord	4,714	4,714
BlackRock Fund Advisors	03-Jan-17	no	n/a	in specie	AUD	ord	8,196	8,196
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	999	999
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	880	880
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	285	285
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	73	73
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	39	39
BlackRock Advisors (UK) Limited	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	361	361
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	101.00	on mkt buy	AUD	ord	8,334	8,334
BlackRock Financial Management, Inc.	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	2,416	2,416
BlackRock Financial Management, Inc.	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	1,078	1,078
BlackRock Fund Advisors	04-Jan-17	no	n/a	in specie	AUD	ord	3,440	3,440
BlackRock Fund Advisors	04-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,699	1,699
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	3,843	3,843
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	1,091	1,091
BlackRock Advisors (UK) Limited	04-Jan-17	yes	101.00	on mkt buy	AUD	ord	864	864
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	2,411	2,411
BlackRock Advisors (UK) Limited	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	454	454
BlackRock Advisors (UK) Limited	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	343	343
BlackRock Advisors, LLC	04-Jan-17	yes	101.00	on mkt buy	AUD	ord	5,387	5,387
BlackRock Advisors, LLC	04-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,354	1,354
BlackRock Advisors, LLC	04-Jan-17	yes	101.00	on mkt buy	AUD	ord	548	548
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	2,955	2,955
BlackRock Institutional Trust Company, National Association	04-Jan-17	yes	100.00	on mkt buy	AUD	ord	2,501	2,501
BlackRock Investment Management (Australia) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	543	543
BlackRock Investment Management (Australia) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	4,767	4,767
BlackRock Investment Management (Australia) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	3,260	3,260
BlackRock Investment Management (Australia) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	456	456
BlackRock Investment Management (UK) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	385	385
BlackRock Investment Management (Australia) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	466	466
BlackRock Investment Management (UK) Limited	05-Jan-17	yes	102.00	on mkt buy	AUD	ord	425	425
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	1,360	1,360
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	10,368	10,368
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	3,932	3,932
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	4,128	4,128
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	4,816	4,816
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	920	920

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	05-Jan-17	yes	102.00	on mkt buy	AUD	ord	121	121
BlackRock Advisors (UK) Limited	05-Jan-17	yes	102.00	on mkt buy	AUD	ord	726	726
BlackRock Advisors (UK) Limited	05-Jan-17	yes	102.00	on mkt buy	AUD	ord	123	123
BlackRock Advisors (UK) Limited	05-Jan-17	yes	102.00	on mkt buy	AUD	ord	123	123
BlackRock Fund Advisors	05-Jan-17	no	n/a	in specie	AUD	ord	53	53
BlackRock Investment Management (Australia) Limited	05-Jan-17	yes	101.00	on mkt buy	AUD	ord	424	424
BlackRock Advisors (UK) Limited	06-Jan-17	yes	102.00	on mkt buy	AUD	ord	1,406	1,406
BlackRock Fund Advisors	06-Jan-17	no	n/a	in specie	AUD	ord	1,966	1,966
BlackRock Advisors (UK) Limited	06-Jan-17	yes	102.00	on mkt buy	AUD	ord	1,187	1,187
BlackRock Advisors (UK) Limited	06-Jan-17	yes	102.00	on mkt buy	AUD	ord	436	436
BlackRock Investment Management, LLC	06-Jan-17	yes	102.00	on mkt buy	AUD	ord	125	125
BlackRock Fund Advisors	06-Jan-17	no	n/a	in specie	AUD	ord	20,490	20,490
BlackRock (Netherlands) B.V.	09-Jan-17	yes	104.00	on mkt buy	AUD	ord	95	95
BlackRock Fund Advisors	09-Jan-17	no	n/a	in specie	AUD	ord	2,592	2,592
BlackRock Fund Advisors	09-Jan-17	no	n/a	in specie	AUD	ord	6,480	6,480
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	447	447
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	742	742
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	829	829
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	621	621
BlackRock Advisors (UK) Limited	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	476	476
BlackRock Japan Co., Ltd.	10-Jan-17	no	n/a	collateral transfer	AUD	ord	286	286
BlackRock Financial Management, Inc.	10-Jan-17	no	n/a	collateral transfer	AUD	ord	261	261
BlackRock Investment Management, LLC	10-Jan-17	no	n/a	collateral transfer	AUD	ord	1,094	1,094
BlackRock Investment Management (UK) Limited	10-Jan-17	no	n/a	collateral transfer	AUD	ord	2,922	2,922
BlackRock Asset Management North Asia Limited	10-Jan-17	no	n/a	collateral transfer	AUD	ord	322	322
BlackRock Financial Management, Inc.	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	3,541	3,541
BlackRock Financial Management, Inc.	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	921	921
BlackRock International Limited	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	473	473
BlackRock Fund Advisors	10-Jan-17	no	n/a	in specie	AUD	ord	3,432	3,432
BlackRock Advisors, LLC	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	543	543
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	3,051	3,051
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	724	724
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	2,533	2,533
BlackRock Advisors (UK) Limited	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	531	531
BlackRock Advisors (UK) Limited	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	423	423
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	104.00	on mkt buy	AUD	ord	134	134
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	2,800	2,800
BlackRock Institutional Trust Company, National Association	10-Jan-17	yes	103.00	on mkt buy	AUD	ord	1,523	1,523
BlackRock Fund Advisors	11-Jan-17	yes	103.00	on mkt buy	AUD	ord	3,320	3,320
BlackRock Fund Advisors	11-Jan-17	no	n/a	in specie	AUD	ord	4,472	4,472
BlackRock Investment Management (UK) Limited	12-Jan-17	no	n/a	in specie	AUD	ord	1,086	1,086
BlackRock Investment Management, LLC	12-Jan-17	yes	100.00	on mkt buy	AUD	ord	1,457	1,457
BlackRock Fund Advisors	12-Jan-17	no	n/a	in specie	AUD	ord	3,460	3,460
BlackRock Fund Advisors	12-Jan-17	no	n/a	in specie	AUD	ord	146	146
BlackRock Financial Management, Inc.	12-Jan-17	yes	100.00	on mkt buy	AUD	ord	1,414	1,414
BlackRock Fund Advisors	12-Jan-17	no	n/a	in specie	AUD	ord	10,245	10,245
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,008	1,008
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	471	471
BlackRock Asset Management North Asia Limited	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,059	1,059
BlackRock Advisors, LLC	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,241	1,241
BlackRock Institutional Trust Company, National Association	13-Jan-17	no	n/a	in specie	AUD	ord	1,867	1,867
BlackRock Investment Management (UK) Limited	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	347	347
BlackRock Financial Management, Inc.	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	967	967

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BlackRock Financial Management, Inc.	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	407	407
BlackRock Fund Advisors	13-Jan-17	no	n/a	in specie	AUD	ord	5,190	5,190
BlackRock Advisors, LLC	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	330	330
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	3,559	3,559
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	813	813
BlackRock Fund Advisors	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	28	28
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,048	1,048
BlackRock Investment Management, LLC	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	127	127
BlackRock Fund Advisors	13-Jan-17	no	n/a	in specie	AUD	ord	8,196	8,196
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	3,193	3,193
BlackRock Institutional Trust Company, National Association	13-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,341	1,341
BlackRock Investment Management (Australia) Limited	16-Jan-17	yes	101.00	on mkt buy	AUD	ord	20,922	20,922
BlackRock Investment Management (Australia) Limited	16-Jan-17	yes	101.00	on mkt buy	AUD	ord	1,197	1,197
BlackRock Advisors (UK) Limited	16-Jan-17	yes	100.00	on mkt buy	AUD	ord	2,715	2,715
BlackRock (Netherlands) B.V.	16-Jan-17	yes	100.00	on mkt buy	AUD	ord	334	334
BlackRock Advisors (UK) Limited	17-Jan-17	no	n/a	collateral transfer	AUD	ord	19,297	19,297
BlackRock Investment Management (UK) Limited	17-Jan-17	no	n/a	collateral transfer	AUD	ord	1,919	1,919
BlackRock Asset Management North Asia Limited	17-Jan-17	no	n/a	collateral transfer	AUD	ord	5	5
BlackRock Advisors (UK) Limited	17-Jan-17	yes	100.00	on mkt buy	AUD	ord	968	968
BlackRock Fund Advisors	17-Jan-17	yes	100.00	on mkt buy	AUD	ord	3,381	3,381
BlackRock Institutional Trust Company, National Association	17-Jan-17	no	n/a	in specie	AUD	ord	6,754	6,754
BlackRock Fund Advisors	17-Jan-17	no	n/a	in specie	AUD	ord	8,196	8,196
BlackRock Institutional Trust Company, National Association	18-Jan-17	yes	99.00	on mkt buy	AUD	ord	488	488
BlackRock Fund Advisors	18-Jan-17	no	n/a	in specie	AUD	ord	5,190	5,190
BlackRock Advisors (UK) Limited	18-Jan-17	yes	99.00	on mkt buy	AUD	ord	1,802	1,802
BlackRock Institutional Trust Company, National Association	18-Jan-17	yes	99.00	on mkt buy	AUD	ord	989	989
BlackRock Institutional Trust Company, National Association	18-Jan-17	yes	99.00	on mkt buy	AUD	ord	1,105	1,105
BlackRock Institutional Trust Company, National Association	18-Jan-17	yes	99.00	on mkt buy	AUD	ord	737	737
BlackRock Advisors (UK) Limited	19-Jan-17	no	n/a	collateral transfer	AUD	ord	2,294	2,294
BlackRock Advisors (UK) Limited	19-Jan-17	yes	111.00	on mkt buy	AUD	ord	901	901
BlackRock Advisors (UK) Limited	19-Jan-17	yes	111.00	on mkt buy	AUD	ord	901	901
BlackRock Advisors (UK) Limited	19-Jan-17	yes	111.00	on mkt buy	AUD	ord	847	847
BlackRock Fund Advisors	19-Jan-17	no	n/a	in specie	AUD	ord	240	240
BlackRock Institutional Trust Company, National Association	20-Jan-17	yes	114.00	on mkt buy	AUD	ord	297	297
BlackRock Financial Management, Inc.	20-Jan-17	yes	114.00	on mkt buy	AUD	ord	13,426	13,426
BlackRock Japan Co., Ltd.	20-Jan-17	yes	114.00	on mkt buy	AUD	ord	149	149
BlackRock Investment Management, LLC	20-Jan-17	no	n/a	collateral transfer	AUD	ord	416	416
BlackRock Institutional Trust Company, National Association	20-Jan-17	yes	114.00	on mkt buy	AUD	ord	592	592
BlackRock Advisors (UK) Limited	20-Jan-17	yes	114.00	on mkt buy	AUD	ord	726	726
BlackRock Institutional Trust Company, National Association	20-Jan-17	yes	114.00	on mkt buy	AUD	ord	669	669
BlackRock Advisors (UK) Limited	23-Jan-17	no	n/a	collateral transfer	AUD	ord	37,988	37,988
BlackRock Asset Management North Asia Limited	23-Jan-17	no	n/a	collateral transfer	AUD	ord	5,303	5,303
BlackRock Fund Advisors	23-Jan-17	no	n/a	in specie	AUD	ord	468	468
BlackRock Fund Advisors	23-Jan-17	no	n/a	in specie	AUD	ord	3,460	3,460
BlackRock Fund Advisors	23-Jan-17	no	n/a	in specie	AUD	ord	6,228	6,228
BlackRock Fund Advisors	23-Jan-17	no	n/a	in specie	AUD	ord	7,266	7,266
BlackRock Fund Advisors	23-Jan-17	no	n/a	in specie	AUD	ord	44,400	44,400
BlackRock Advisors (UK) Limited	23-Jan-17	yes	111.00	on mkt buy	AUD	ord	2,703	2,703
BlackRock Advisors (UK) Limited	23-Jan-17	yes	111.00	on mkt buy	AUD	ord	146	146
BlackRock Fund Advisors	23-Jan-17	no	n/a	in specie	AUD	ord	53	53
BlackRock Investment Management (Australia) Limited	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	3,049	3,049

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BlackRock Investment Management (Australia) Limited	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	6,877	6,877
BlackRock Japan Co., Ltd.	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	6,380	6,380
BlackRock Advisors, LLC	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	112	112
BlackRock Asset Management North Asia Limited	24-Jan-17	no	n/a	collateral transfer	AUD	ord	2,367	2,367
BlackRock Investment Management (Australia) Limited	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,842	1,842
BlackRock Fund Advisors	24-Jan-17	no	n/a	in specie	AUD	ord	5,184	5,184
BlackRock Fund Advisors	24-Jan-17	no	n/a	in specie	AUD	ord	234	234
BlackRock Fund Advisors	24-Jan-17	no	n/a	in specie	AUD	ord	4,152	4,152
BlackRock Fund Advisors	24-Jan-17	no	n/a	in specie	AUD	ord	3,114	3,114
BlackRock Fund Advisors	24-Jan-17	no	n/a	in specie	AUD	ord	1,380	1,380
BlackRock Advisors, LLC	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	5,576	5,576
BlackRock Investment Management (Australia) Limited	24-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,396	1,396
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	742	742
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	701	701
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	824	824
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	446	446
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	4,697	4,697
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,820	1,820
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,677	1,677
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	129	129
BlackRock Japan Co., Ltd.	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	556	556
BlackRock Japan Co., Ltd.	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	532	532
BlackRock Financial Management, Inc.	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,728	1,728
BlackRock Financial Management, Inc.	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	796	796
BlackRock Fund Advisors	25-Jan-17	no	n/a	in specie	AUD	ord	5,184	5,184
BlackRock Fund Advisors	25-Jan-17	no	n/a	in specie	AUD	ord	575	575
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,802	1,802
BlackRock Advisors, LLC	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	654	654
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	3,565	3,565
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	855	855
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	2,058	2,058
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	147	147
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	363	363
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,853	1,853
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	499	499
BlackRock Advisors (UK) Limited	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	422	422
BlackRock Investment Management (UK) Limited	25-Jan-17	yes	111.00	on mkt buy	AUD	ord	1,936	1,936
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	3,743	3,743
BlackRock Institutional Trust Company, National Association	25-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,614	1,614
BlackRock Fund Advisors	26-Jan-17	no	n/a	in specie	AUD	ord	562	562
BlackRock Financial Management, Inc.	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	337	337
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	779	779
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	622	622
BlackRock Advisors (UK) Limited	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	407	407
BlackRock Advisors, LLC	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	103	103
BlackRock Japan Co., Ltd.	27-Jan-17	no	n/a	collateral transfer	AUD	ord	3,138	3,138
BlackRock Advisors (UK) Limited	27-Jan-17	no	n/a	collateral transfer	AUD	ord	168,938	168,938
BlackRock Investment Management, LLC	27-Jan-17	no	n/a	collateral transfer	AUD	ord	1,729	1,729
BlackRock Investment Management (UK) Limited	27-Jan-17	no	n/a	collateral transfer	AUD	ord	96,412	96,412
BlackRock Asset Management North Asia Limited	27-Jan-17	no	n/a	collateral transfer	AUD	ord	19,199	19,199
BlackRock Advisors (UK) Limited	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	901	901

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	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	6,307	6,307
BlackRock Advisors, LLC	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	552	552
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	2,195	2,195
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	588	588
BlackRock Advisors (UK) Limited	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	450	450
BlackRock Advisors (UK) Limited	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	5,900	5,900
BlackRock Advisors (UK) Limited	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	1,180	1,180
BlackRock Advisors (UK) Limited	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	363	363
BlackRock Advisors (UK) Limited	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	605	605
BlackRock Investment Management, LLC	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	115	115
BlackRock Fund Advisors	27-Jan-17	no	n/a	in specie	AUD	ord	14,343	14,343
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	112.00	on mkt buy	AUD	ord	2,629	2,629
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	3,553	3,553
BlackRock Institutional Trust Company, National Association	27-Jan-17	yes	113.00	on mkt buy	AUD	ord	710	710
BlackRock Advisors (UK) Limited	30-Jan-17	no	n/a	in specie	AUD	ord	5,895	5,895
BlackRock Advisors (UK) Limited	30-Jan-17	no	n/a	collateral transfer	AUD	ord	108,590	108,590
BlackRock Fund Advisors	30-Jan-17	no	n/a	in specie	AUD	ord	1,124	1,124
BlackRock Advisors (UK) Limited	30-Jan-17	yes	111.00	on mkt buy	AUD	ord	242	242
BlackRock Advisors (UK) Limited	30-Jan-17	yes	111.00	on mkt buy	AUD	ord	242	242
BlackRock Fund Advisors	30-Jan-17	no	n/a	in specie	AUD	ord	6,147	6,147
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,132	1,132
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	297	297
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	916	916
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	429	429
BlackRock Investment Management (Australia) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,618	1,618
BlackRock Advisors (UK) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	378	378
BlackRock Investment Management (Australia) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	6,256	6,256
BlackRock Investment Management (Australia) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	5,277	5,277
BlackRock Japan Co., Ltd.	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	733	733
BlackRock Investment Management (Australia) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	368	368
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	3,634	3,634
BlackRock Financial Management, Inc.	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	917	917
BlackRock Investment Management (Australia) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	784	784
BlackRock Fund Advisors	31-Jan-17	no	n/a	in specie	AUD	ord	2,890	2,890
BlackRock Advisors, LLC	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	563	563
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	1,851	1,851
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	933	933
BlackRock Advisors (UK) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	905	905
BlackRock Investment Management (UK) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	10,561	10,561
BlackRock Investment Management (Australia) Limited	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	697	697
BlackRock Financial Management, Inc.	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	447	447
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	263	263
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	6,319	6,319
BlackRock Institutional Trust Company, National Association	31-Jan-17	yes	112.00	on mkt buy	AUD	ord	420	420
BlackRock Advisors (UK) Limited	01-Feb-17	no	n/a	collateral transfer	AUD	ord	187,190	187,190
BlackRock Asset Management North Asia Limited	01-Feb-17	no	n/a	collateral transfer	AUD	ord	155	155
BlackRock Fund Advisors	01-Feb-17	no	n/a	in specie	AUD	ord	2,768	2,768
BlackRock Advisors (UK) Limited	01-Feb-17	yes	113.00	on mkt buy	AUD	ord	847	847
BlackRock Investment Management (Australia) Limited	01-Feb-17	yes	113.00	on mkt buy	AUD	ord	110,967	110,967

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 Fund Advisors	01-Feb-17	no	n/a	in specie	AUD	ord	6,147	6,147

## Annexure C

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

<b>Kayla Mulvihill,</b> <b>Authorised Signatory</b>	<b>03-Feb-17</b> <b>Date</b>
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### 7. Addresses

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

<b>Name</b>	<b>Address</b>
<b>BlackRock Group</b>	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelvein 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)



