

# 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.

18-Oct-16

Date

Kayla McGrory,  
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.	SSB-SSB NEW YORK INSTITUTIONAL		ord 67,737	67,737	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 1,860	1,860	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 1,311,691	1,311,691	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 271,649	271,649	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 113,609	113,609	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 103,949	103,949	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 1,066,797	1,066,797	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 LONDON		ord 624,933	624,933	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 1,984	1,984	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.	BNYM-THE BANK OF NEW YORK		ord 16,960	16,960	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 188,216	188,216	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 12,704	12,704	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	RBC-ROYAL TRUST - TORONTO		ord 38,049	38,049	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 188,423	188,423	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 3,683	3,683	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 10,195	10,195	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-MELLON TRUST - NEW YORK		ord 2,152	2,152	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 105,079	105,079	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 1,278	1,278	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ord 391	391	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 33,668	33,668	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 147,020	147,020	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 89,445	89,445	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 19,820	19,820	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 67,353	67,353	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 22,464	22,464	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 4,934,288	4,934,288	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-MELLON TRUST - NEW YORK		ord 1,507	1,507	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.	BNYM-THE BANK OF NEW YORK		ord 521,578	521,578	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 12,908	12,908	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 226,217	226,217	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	MS-MORGAN STANLEY & CO INC		ord 851	851	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 182,749	182,749	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB BOSTON INSTITUTIONAL		ord 12,572	12,572	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 357,526	357,526	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 232,051	232,051	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 35,483	35,483	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 5,706,060	5,706,060	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 4,715	4,715	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 41,683	41,683	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 187,889	187,889	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ord 5,253	5,253	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ord 5,259	5,259	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 113,989	113,989	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 117,705	117,705	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ord 1,090,561	1,090,561	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 39,215	39,215	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 17,281	17,281	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 63,863	63,863	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 193,273	193,273	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BONY LUXEMBOURG		ord 279	279	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 2,972	2,972	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 451,378	451,378	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ord 48,655	48,655	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 2,772	2,772	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 24,824	24,824	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	PICT-PICTET & CIE		ord 288	288	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 13,038	13,038	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 95,827	95,827	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 29,634	29,634	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-BONY LUXEMBOURG		ord 200,200	200,200	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ord 220,721	220,721	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 329,040	329,040	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - LONDON		ord 548	548	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-SSB NEW YORK INSTITUTIONAL		ord 15,656	15,656	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 3,476	3,476	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ord 8,168	8,168	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 5,733	5,733	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 5,671	5,671	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 642,577	642,577	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 20,295	20,295	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.	MITSUI-SUMITOMO TRUST		ord 3,759	3,759	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 7,446	7,446	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 24,818	24,818	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 294,544	294,544	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ord 368,292	368,292	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 7,945	7,945	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 1,126,064	1,126,064	subsidiary of BlackRock Inc.

This is Annexure B of 17 pages referred to in form 603 Notice of initial substantial shareholder

18-Oct-16

**Kayla McGroary,**  
**Authorised Signatory**

**Date****5. Consideration**

CSL LTD (CSL)								
Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt	yes	Consideration		Class and number of securities affected	Person's votes affected		
			Cash	Non-cash				
BlackRock Institutional Trust Company, National Association	15-Jun-16	yes	110.30	on mkt buy	ord	357	357	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	186	186	
BlackRock Institutional Trust Company, National Association	16-Jun-16	yes	109.32	on mkt buy	ord	19,424	19,424	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	289	289	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	122	122	
BlackRock Fund Advisors	16-Jun-16	yes	109.71	on mkt buy	ord	1,225	1,225	
BlackRock Fund Advisors	16-Jun-16	no	n/a	in specie	ord	399	399	
BlackRock Asset Management Canada Limited	16-Jun-16	yes	109.32	on mkt buy	ord	938	938	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	215	215	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	502	502	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	164	164	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	109.72	on mkt buy	ord	1,209	1,209	
BlackRock Financial Management, Inc.	16-Jun-16	yes	109.32	on mkt buy	ord	7,707	7,707	
BlackRock Advisors (UK) Limited	17-Jun-16	yes	108.79	on mkt buy	ord	4,525	4,525	
BlackRock Advisors (UK) Limited	17-Jun-16	yes	108.79	on mkt buy	ord	1,178	1,178	
BlackRock Fund Advisors	17-Jun-16	no	n/a	in specie	ord	6,948	6,948	
BlackRock Institutional Trust Company, National Association	17-Jun-16	yes	108.79	on mkt buy	ord	8,436	8,436	
BlackRock Investment Management (UK) Limited	17-Jun-16	yes	108.79	on mkt buy	ord	690	690	
BlackRock (Singapore) Limited	17-Jun-16	yes	108.79	on mkt buy	ord	589	589	
BlackRock Advisors (UK) Limited	17-Jun-16	yes	108.79	on mkt buy	ord	1,060	1,060	
BlackRock Asset Management Canada Limited	17-Jun-16	yes	108.79	on mkt buy	ord	1,829	1,829	
BlackRock Advisors (UK) Limited	17-Jun-16	yes	108.79	on mkt buy	ord	221	221	
BlackRock Advisors (UK) Limited	20-Jun-16	yes	108.09	on mkt buy	ord	3,604	3,604	
BlackRock Advisors (UK) Limited	20-Jun-16	yes	107.91	on mkt buy	ord	9,010	9,010	
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	107.91	on mkt buy	ord	7,968	7,968	
BlackRock Investment Management, LLC	20-Jun-16	yes	109.54	on mkt buy	ord	178	178	
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	107.91	on mkt buy	ord	613	613	
BlackRock Investment Management (UK) Limited	20-Jun-16	no	n/a	in specie	ord	58,819	58,819	
BlackRock Financial Management, Inc.	21-Jun-16	yes	107.30	on mkt buy	ord	4,900	4,900	
BlackRock Institutional Trust Company, National Association	21-Jun-16	yes	108.89	on mkt buy	ord	1,094	1,094	
BlackRock Financial Management, Inc.	21-Jun-16	yes	108.89	on mkt buy	ord	3,824	3,824	
BlackRock Institutional Trust Company, National Association	22-Jun-16	yes	108.61	on mkt buy	ord	367	367	
BlackRock Advisors (UK) Limited	22-Jun-16	yes	108.61	on mkt buy	ord	186	186	
BlackRock Advisors (UK) Limited	22-Jun-16	yes	108.61	on mkt buy	ord	402	402	
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	108.79	on mkt buy	ord	493	493	
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	108.79	on mkt buy	ord	934	934	
BlackRock Investment Management, LLC	22-Jun-16	yes	108.61	on mkt buy	ord	381	381	



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		Cash	Non-cash				
BlackRock Advisors (UK) Limited	22-Jun-16	yes	108.61	on mkt buy	ord	306	306
BlackRock Advisors (UK) Limited	22-Jun-16	yes	108.61	on mkt buy	ord	392	392
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	108.79	on mkt buy	ord	2,279	2,279
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	108.79	on mkt buy	ord	11,418	11,418
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	108.81	on mkt buy	ord	1,025	1,025
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	108.79	on mkt buy	ord	132	132
BlackRock Japan Co., Ltd.	22-Jun-16	yes	108.61	on mkt buy	ord	594	594
BlackRock Financial Management, Inc.	23-Jun-16	yes	109.06	on mkt buy	ord	1,650	1,650
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	107.32	on mkt buy	ord	82	82
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	107.32	on mkt buy	ord	42	42
BlackRock Financial Management, Inc.	24-Jun-16	yes	109.44	on mkt buy	ord	3,300	3,300
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	107.32	on mkt buy	ord	108	108
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	107.32	on mkt buy	ord	920	920
BlackRock Investment Management, LLC	24-Jun-16	yes	109.44	on mkt buy	ord	6,500	6,500
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	107.32	on mkt buy	ord	12,877	12,877
BlackRock Advisors (UK) Limited	27-Jun-16	yes	108.82	on mkt buy	ord	160	160
BlackRock Investment Management (UK) Limited	28-Jun-16	yes	107.69	on mkt buy	ord	160	160
BlackRock Advisors (UK) Limited	28-Jun-16	yes	107.95	on mkt buy	ord	610	610
BlackRock Advisors (UK) Limited	28-Jun-16	yes	107.95	on mkt buy	ord	408	408
BlackRock Advisors (UK) Limited	28-Jun-16	yes	107.95	on mkt buy	ord	305	305
BlackRock Fund Advisors	28-Jun-16	no	n/a	in specie	ord	105	105
BlackRock Fund Advisors	28-Jun-16	no	n/a	in specie	ord	858	858
BlackRock Advisors (UK) Limited	28-Jun-16	yes	107.95	on mkt buy	ord	1,320	1,320
BlackRock Fund Advisors	28-Jun-16	no	n/a	in specie	ord	187	187
BlackRock Fund Advisors	28-Jun-16	yes	107.95	on mkt buy	ord	724	724
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	108.02	on mkt buy	ord	331	331
BlackRock Advisors (UK) Limited	28-Jun-16	yes	107.95	on mkt buy	ord	600	600
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	108.02	on mkt buy	ord	2,576	2,576
BlackRock Fund Advisors	28-Jun-16	yes	107.69	on mkt buy	ord	155	155
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	108.36	on mkt buy	ord	545	545
BlackRock Japan Co., Ltd.	29-Jun-16	yes	110.11	on mkt buy	ord	207	207
BlackRock Institutional Trust Company, National Association	29-Jun-16	yes	109.32	on mkt buy	ord	23,050	23,050
BlackRock Institutional Trust Company, National Association	29-Jun-16	yes	108.36	on mkt buy	ord	1,864	1,864
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	730	730
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	250	250
BlackRock Fund Advisors	30-Jun-16	no	n/a	in specie	ord	393	393
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	111.94	on mkt buy	ord	4,183	4,183
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	112.18	on mkt buy	ord	2,539	2,539
BlackRock Fund Advisors	30-Jun-16	no	n/a	in specie	ord	3,128	3,128
BlackRock Asset Management Canada Limited	30-Jun-16	yes	112.18	on mkt buy	ord	2,399	2,399
BlackRock Japan Co., Ltd.	30-Jun-16	yes	110.27	on mkt buy	ord	25	25
BlackRock Financial Management, Inc.	30-Jun-16	yes	110.27	on mkt buy	ord	3,836	3,836
BlackRock Advisors (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	4,505	4,505
BlackRock Advisors (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	408	408
BlackRock Advisors (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	136	136
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	112.18	on mkt buy	ord	6,786	6,786
BlackRock Fund Advisors	30-Jun-16	no	n/a	in specie	ord	3,982	3,982
BlackRock Japan Co., Ltd.	30-Jun-16	yes	110.27	on mkt buy	ord	292	292

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			Cash	Non-cash			
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	112.18	on mkt buy	ord	4,177	4,177
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	111.94	on mkt buy	ord	464	464
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	8,979	8,979
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	112.18	on mkt buy	ord	1,114	1,114
BlackRock Japan Co., Ltd.	01-Jul-16	yes	111.76	on mkt buy	ord	148	148
BlackRock Institutional Trust Company, National Association	01-Jul-16	yes	111.76	on mkt buy	ord	93	93
BlackRock Advisors (UK) Limited	01-Jul-16	yes	111.76	on mkt buy	ord	136	136
BlackRock Advisors (UK) Limited	01-Jul-16	yes	111.76	on mkt buy	ord	612	612
BlackRock Advisors (UK) Limited	01-Jul-16	yes	111.76	on mkt buy	ord	600	600
BlackRock Institutional Trust Company, National Association	05-Jul-16	no	n/a	in specie	ord	3,121	3,121
BlackRock Advisors (UK) Limited	05-Jul-16	yes	111.25	on mkt buy	ord	136	136
BlackRock Fund Advisors	05-Jul-16	no	n/a	in specie	ord	524	524
BlackRock Advisors (UK) Limited	05-Jul-16	yes	111.25	on mkt buy	ord	306	306
BlackRock Fund Advisors	05-Jul-16	no	n/a	in specie	ord	917	917
BlackRock Advisors (UK) Limited	05-Jul-16	yes	111.25	on mkt buy	ord	392	392
BlackRock Financial Management, Inc.	05-Jul-16	yes	111.27	on mkt buy	ord	2,493	2,493
BlackRock Asset Management North Asia Limited	05-Jul-16	no	n/a	collateral transfer	ord	2	2
BlackRock Financial Management, Inc.	06-Jul-16	yes	110.69	on mkt buy	ord	914	914
BlackRock Financial Management, Inc.	06-Jul-16	yes	110.68	on mkt buy	ord	951	951
BlackRock Japan Co., Ltd.	06-Jul-16	yes	110.69	on mkt buy	ord	1,260	1,260
BlackRock Japan Co., Ltd.	06-Jul-16	yes	110.69	on mkt buy	ord	344	344
BlackRock International Limited	06-Jul-16	yes	110.68	on mkt buy	ord	1,300	1,300
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.98	on mkt buy	ord	16,082	16,082
BlackRock Japan Co., Ltd.	06-Jul-16	yes	110.69	on mkt buy	ord	686	686
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	110.67	on mkt buy	ord	168	168
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.69	on mkt buy	ord	301	301
BlackRock Japan Co., Ltd.	06-Jul-16	yes	110.69	on mkt buy	ord	318	318
BlackRock Fund Advisors	06-Jul-16	yes	110.98	on mkt buy	ord	4,838	4,838
BlackRock Investment Management (UK) Limited	06-Jul-16	yes	110.98	on mkt buy	ord	828	828
BlackRock Fund Advisors	06-Jul-16	yes	110.87	on mkt buy	ord	10	10
BlackRock Advisors (UK) Limited	06-Jul-16	yes	110.98	on mkt buy	ord	904	904
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.98	on mkt buy	ord	4,218	4,218
BlackRock Fund Advisors	06-Jul-16	yes	110.87	on mkt buy	ord	2,754	2,754
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.69	on mkt buy	ord	4,892	4,892
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	110.98	on mkt buy	ord	264	264
BlackRock Fund Advisors	06-Jul-16	no	n/a	in specie	ord	262	262
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.69	on mkt buy	ord	1,153	1,153
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.98	on mkt buy	ord	1,718	1,718
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.98	on mkt buy	ord	627	627
BlackRock Fund Advisors	06-Jul-16	yes	110.87	on mkt buy	ord	924	924
BlackRock Advisors (UK) Limited	06-Jul-16	yes	110.69	on mkt buy	ord	1,196	1,196
BlackRock Asset Management Canada Limited	06-Jul-16	yes	110.69	on mkt buy	ord	360	360
BlackRock Financial Management, Inc.	06-Jul-16	yes	110.69	on mkt buy	ord	1,375	1,375
BlackRock Advisors (UK) Limited	06-Jul-16	yes	110.98	on mkt buy	ord	306	306
BlackRock Advisors (UK) Limited	06-Jul-16	yes	110.69	on mkt buy	ord	939	939
BlackRock Financial Management, Inc.	06-Jul-16	yes	110.69	on mkt buy	ord	653	653
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.68	on mkt buy	ord	724	724
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	110.69	on mkt buy	ord	522	522
BlackRock Advisors (UK) Limited	06-Jul-16	yes	110.69	on mkt buy	ord	772	772
BlackRock Advisors (UK) Limited	07-Jul-16	yes	111.02	on mkt buy	ord	1,804	1,804

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BlackRock Advisors (UK) Limited	07-Jul-16	yes	111.02	on mkt buy	ord	1,102	1,102
BlackRock Advisors (UK) Limited	07-Jul-16	yes	111.02	on mkt buy	ord	240	240
BlackRock Advisors (UK) Limited	07-Jul-16	yes	111.02	on mkt buy	ord	151	151
BlackRock Fund Advisors	07-Jul-16	no	n/a	in specie	ord	2,002	2,002
BlackRock Investment Management (UK) Limited	07-Jul-16	yes	111.02	on mkt buy	ord	220	220
BlackRock Fund Advisors	07-Jul-16	no	n/a	in specie	ord	393	393
BlackRock Fund Advisors	07-Jul-16	yes	110.99	on mkt buy	ord	1,915	1,915
BlackRock Fund Advisors	07-Jul-16	no	n/a	in specie	ord	786	786
BlackRock (Netherlands) B.V.	07-Jul-16	yes	111.02	on mkt buy	ord	715	715
BlackRock Fund Advisors	07-Jul-16	no	n/a	in specie	ord	422	422
BlackRock Institutional Trust Company, National Association	07-Jul-16	yes	111.02	on mkt buy	ord	509	509
BlackRock Fund Advisors	07-Jul-16	yes	110.99	on mkt buy	ord	692	692
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	1,793	1,793
BlackRock Fund Advisors	08-Jul-16	no	n/a	in specie	ord	786	786
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.49	on mkt buy	ord	10,452	10,452
BlackRock Financial Management, Inc.	08-Jul-16	yes	110.73	on mkt buy	ord	353	353
BlackRock Japan Co., Ltd.	08-Jul-16	yes	110.73	on mkt buy	ord	938	938
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	1,081	1,081
BlackRock Advisors (UK) Limited	08-Jul-16	yes	110.73	on mkt buy	ord	647	647
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	2,709	2,709
BlackRock Japan Co., Ltd.	08-Jul-16	yes	110.73	on mkt buy	ord	560	560
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	715	715
BlackRock Advisors (UK) Limited	08-Jul-16	yes	110.73	on mkt buy	ord	654	654
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	695	695
BlackRock Advisors (UK) Limited	08-Jul-16	yes	110.73	on mkt buy	ord	610	610
BlackRock Financial Management, Inc.	08-Jul-16	yes	110.73	on mkt buy	ord	882	882
BlackRock Fund Advisors	08-Jul-16	yes	110.49	on mkt buy	ord	410	410
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	666	666
BlackRock International Limited	08-Jul-16	yes	110.77	on mkt buy	ord	1,031	1,031
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	317	317
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.77	on mkt buy	ord	372	372
BlackRock Advisors (UK) Limited	08-Jul-16	yes	110.49	on mkt buy	ord	552	552
BlackRock Financial Management, Inc.	08-Jul-16	yes	110.77	on mkt buy	ord	607	607
BlackRock Institutional Trust Company, National Association	08-Jul-16	yes	110.73	on mkt buy	ord	973	973
BlackRock Asset Management Canada Limited	08-Jul-16	yes	110.73	on mkt buy	ord	310	310
BlackRock Investment Management (UK) Limited	08-Jul-16	yes	110.49	on mkt buy	ord	3,868	3,868
BlackRock Fund Advisors	08-Jul-16	yes	111.54	on mkt buy	ord	18	18
BlackRock Advisors (UK) Limited	11-Jul-16	yes	112.01	on mkt buy	ord	1,808	1,808
BlackRock Institutional Trust Company, National Association	11-Jul-16	yes	112.01	on mkt buy	ord	4,065	4,065
BlackRock Investment Management (UK) Limited	11-Jul-16	yes	112.01	on mkt buy	ord	406	406
BlackRock Institutional Trust Company, National Association	11-Jul-16	yes	112.01	on mkt buy	ord	1,006	1,006
BlackRock Fund Advisors	11-Jul-16	no	n/a	in specie	ord	524	524
BlackRock Fund Advisors	11-Jul-16	yes	112.01	on mkt buy	ord	3,511	3,511
BlackRock Japan Co., Ltd.	11-Jul-16	yes	111.95	on mkt buy	ord	2,135	2,135
BlackRock Institutional Trust Company, National Association	11-Jul-16	yes	112.01	on mkt buy	ord	371	371
BlackRock Japan Co., Ltd.	12-Jul-16	yes	112.95	on mkt buy	ord	514	514
BlackRock International Limited	12-Jul-16	yes	112.96	on mkt buy	ord	346	346
BlackRock Japan Co., Ltd.	12-Jul-16	yes	112.95	on mkt buy	ord	513	513
BlackRock Japan Co., Ltd.	12-Jul-16	yes	112.55	on mkt buy	ord	348	348
BlackRock Advisors (UK) Limited	12-Jul-16	yes	112.95	on mkt buy	ord	391	391
BlackRock Japan Co., Ltd.	12-Jul-16	yes	112.95	on mkt buy	ord	363	363
BlackRock Advisors (UK) Limited	12-Jul-16	yes	112.95	on mkt buy	ord	297	297

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BlackRock Institutional Trust Company, National Association	12-Jul-16	yes	112.95	on mkt buy	ord	379	379
BlackRock Advisors (UK) Limited	12-Jul-16	yes	112.95	on mkt buy	ord	368	368
BlackRock Institutional Trust Company, National Association	12-Jul-16	yes	112.95	on mkt buy	ord	350	350
BlackRock Advisors (UK) Limited	12-Jul-16	yes	112.55	on mkt buy	ord	1,440	1,440
BlackRock Advisors, LLC	13-Jul-16	yes	111.24	on mkt buy	ord	193	193
BlackRock Advisors (UK) Limited	13-Jul-16	yes	111.01	on mkt buy	ord	3,616	3,616
BlackRock Fund Advisors	14-Jul-16	no	n/a	in specie	ord	262	262
BlackRock Institutional Trust Company, National Association	14-Jul-16	yes	112.84	on mkt buy	ord	983	983
BlackRock Advisors (UK) Limited	14-Jul-16	yes	112.84	on mkt buy	ord	302	302
BlackRock Institutional Trust Company, National Association	14-Jul-16	yes	112.84	on mkt buy	ord	126	126
BlackRock Fund Advisors	14-Jul-16	no	n/a	in specie	ord	917	917
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	112.88	on mkt buy	ord	109	109
BlackRock Investment Management, LLC	14-Jul-16	yes	111.92	on mkt buy	ord	204	204
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	821	821
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	415	415
BlackRock Japan Co., Ltd.	15-Jul-16	yes	113.32	on mkt buy	ord	1,740	1,740
BlackRock Investment Management (Australia) Limited	15-Jul-16	yes	113.35	on mkt buy	ord	1,485	1,485
BlackRock Japan Co., Ltd.	15-Jul-16	yes	113.32	on mkt buy	ord	707	707
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	2,010	2,010
BlackRock Advisors (UK) Limited	15-Jul-16	yes	113.32	on mkt buy	ord	1,239	1,239
BlackRock Japan Co., Ltd.	15-Jul-16	yes	113.32	on mkt buy	ord	854	854
BlackRock Financial Management, Inc.	15-Jul-16	yes	113.33	on mkt buy	ord	514	514
BlackRock Fund Advisors	15-Jul-16	yes	113.26	on mkt buy	ord	1,180	1,180
BlackRock Financial Management, Inc.	15-Jul-16	yes	113.32	on mkt buy	ord	615	615
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	5,460	5,460
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	117	117
BlackRock Advisors (UK) Limited	15-Jul-16	yes	113.32	on mkt buy	ord	1,290	1,290
BlackRock Advisors (UK) Limited	15-Jul-16	yes	113.32	on mkt buy	ord	138	138
BlackRock International Limited	15-Jul-16	yes	113.33	on mkt buy	ord	920	920
BlackRock Investment Management (Australia) Limited	15-Jul-16	yes	113.35	on mkt buy	ord	2,848	2,848
BlackRock Advisors (UK) Limited	15-Jul-16	yes	113.26	on mkt buy	ord	2,040	2,040
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	890	890
BlackRock Japan Co., Ltd.	15-Jul-16	yes	113.32	on mkt buy	ord	760	760
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	108	108
BlackRock Japan Co., Ltd.	15-Jul-16	yes	113.32	on mkt buy	ord	1,112	1,112
BlackRock Investment Management (Australia) Limited	15-Jul-16	yes	113.35	on mkt buy	ord	867	867
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.33	on mkt buy	ord	541	541
BlackRock Financial Management, Inc.	15-Jul-16	yes	113.32	on mkt buy	ord	205	205
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	297	297
BlackRock Financial Management, Inc.	15-Jul-16	yes	113.32	on mkt buy	ord	2,400	2,400
BlackRock Financial Management, Inc.	15-Jul-16	yes	113.32	on mkt buy	ord	1,019	1,019
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	290	290
BlackRock Japan Co., Ltd.	15-Jul-16	yes	113.32	on mkt buy	ord	1,611	1,611
BlackRock Advisors (UK) Limited	15-Jul-16	yes	113.32	on mkt buy	ord	1,109	1,109
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	1,210	1,210
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	457	457
BlackRock Advisors (UK) Limited	15-Jul-16	yes	113.32	on mkt buy	ord	1,309	1,309
BlackRock Asset Management Canada Limited	15-Jul-16	yes	113.32	on mkt buy	ord	416	416

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			
BlackRock Institutional Trust Company, National Association	15-Jul-16	yes	113.32	on mkt buy	ord	1,599	1,599
BlackRock Investment Management (UK) Limited	15-Jul-16	yes	113.32	on mkt buy	ord	153	153
BlackRock Fund Advisors	18-Jul-16	no	n/a	in specie	ord	11,364	11,364
BlackRock Investment Management (Australia) Limited	18-Jul-16	yes	113.84	on mkt buy	ord	110	110
BlackRock Investment Management (Australia) Limited	18-Jul-16	yes	113.82	on mkt buy	ord	141	141
BlackRock Fund Advisors	18-Jul-16	no	n/a	in specie	ord	917	917
BlackRock Japan Co., Ltd.	19-Jul-16	yes	114.49	on mkt buy	ord	356	356
BlackRock Fund Advisors	19-Jul-16	no	n/a	in specie	ord	393	393
BlackRock Advisors (UK) Limited	19-Jul-16	yes	114.49	on mkt buy	ord	460	460
BlackRock Investment Management (UK) Limited	19-Jul-16	yes	114.49	on mkt buy	ord	1,189	1,189
BlackRock Financial Management, Inc.	19-Jul-16	yes	114.49	on mkt buy	ord	31,418	31,418
BlackRock Institutional Trust Company, National Association	19-Jul-16	yes	114.49	on mkt buy	ord	438	438
BlackRock Investment Management (UK) Limited	19-Jul-16	yes	114.49	on mkt buy	ord	831	831
BlackRock Financial Management, Inc.	19-Jul-16	yes	114.49	on mkt buy	ord	587	587
BlackRock Advisors (UK) Limited	19-Jul-16	yes	114.49	on mkt buy	ord	303	303
BlackRock Japan Co., Ltd.	19-Jul-16	yes	114.49	on mkt buy	ord	314	314
BlackRock Investment Management, LLC	19-Jul-16	yes	114.49	on mkt buy	ord	1,185	1,185
BlackRock Japan Co., Ltd.	19-Jul-16	yes	114.49	on mkt buy	ord	413	413
BlackRock Institutional Trust Company, National Association	19-Jul-16	yes	114.49	on mkt buy	ord	290	290
BlackRock Advisors, LLC	19-Jul-16	yes	114.63	on mkt buy	ord	489	489
BlackRock Fund Advisors	19-Jul-16	no	n/a	in specie	ord	262	262
BlackRock Investment Management, LLC	20-Jul-16	yes	115.08	on mkt buy	ord	317	317
BlackRock Financial Management, Inc.	20-Jul-16	yes	117.01	on mkt buy	ord	5,288	5,288
BlackRock Fund Advisors	20-Jul-16	yes	117.01	on mkt buy	ord	515	515
BlackRock Fund Advisors	20-Jul-16	no	n/a	in specie	ord	53	53
BlackRock Advisors, LLC	21-Jul-16	yes	118.87	on mkt buy	ord	350	350
BlackRock Fund Advisors	21-Jul-16	no	n/a	in specie	ord	1,048	1,048
BlackRock Institutional Trust Company, National Association	22-Jul-16	yes	119.01	on mkt buy	ord	339	339
BlackRock Financial Management, Inc.	22-Jul-16	yes	119.01	on mkt buy	ord	1,045	1,045
BlackRock Institutional Trust Company, National Association	22-Jul-16	yes	119.01	on mkt buy	ord	218	218
BlackRock Advisors (UK) Limited	25-Jul-16	yes	120.86	on mkt buy	ord	307	307
BlackRock Japan Co., Ltd.	26-Jul-16	yes	119.47	on mkt buy	ord	156	156
BlackRock Japan Co., Ltd.	26-Jul-16	yes	119.47	on mkt buy	ord	387	387
BlackRock Fund Advisors	26-Jul-16	no	n/a	in specie	ord	37,880	37,880
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.20	on mkt buy	ord	1,203	1,203
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.47	on mkt buy	ord	9,911	9,911
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.47	on mkt buy	ord	5,406	5,406
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.20	on mkt buy	ord	1,802	1,802
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.81	on mkt buy	ord	8,109	8,109
BlackRock Investment Management (UK) Limited	26-Jul-16	yes	119.33	on mkt buy	ord	126	126
BlackRock Fund Advisors	26-Jul-16	no	n/a	in specie	ord	4,004	4,004
BlackRock Investment Management (UK) Limited	26-Jul-16	yes	119.35	on mkt buy	ord	391	391
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.47	on mkt buy	ord	426	426
BlackRock Advisors (UK) Limited	26-Jul-16	yes	119.47	on mkt buy	ord	120	120
BlackRock Advisors (UK) Limited	27-Jul-16	no	n/a	in specie	ord	153,170	153,170
BlackRock Advisors (UK) Limited	27-Jul-16	yes	117.86	on mkt buy	ord	136	136
BlackRock Japan Co., Ltd.	27-Jul-16	yes	117.86	on mkt buy	ord	74	74
BlackRock Fund Advisors	27-Jul-16	no	n/a	in specie	ord	15,168	15,168
BlackRock Fund Advisors	27-Jul-16	yes	118.88	on mkt buy	ord	744	744
BlackRock Asset Management Canada Limited	27-Jul-16	yes	117.86	on mkt buy	ord	3,062	3,062
BlackRock Advisors (UK) Limited	27-Jul-16	yes	117.86	on mkt buy	ord	9,010	9,010
BlackRock Fund Advisors	27-Jul-16	yes	118.88	on mkt buy	ord	24	24
BlackRock Fund Advisors	27-Jul-16	no	n/a	in specie	ord	262	262
BlackRock Advisors (UK) Limited	27-Jul-16	yes	117.86	on mkt buy	ord	251	251
BlackRock Advisors (UK) Limited	27-Jul-16	yes	117.86	on mkt buy	ord	4,505	4,505
BlackRock Financial Management, Inc.	27-Jul-16	yes	118.38	on mkt buy	ord	1,510	1,510
BlackRock Advisors (UK) Limited	28-Jul-16	yes	117.50	on mkt buy	ord	6,307	6,307

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			Cash	Non-cash			
BlackRock Fund Advisors	28-Jul-16	yes	117.50	on mkt buy	ord	317	317
BlackRock Fund Advisors	28-Jul-16	no	n/a	in specie	ord	917	917
BlackRock Japan Co., Ltd.	28-Jul-16	yes	117.86	on mkt buy	ord	86	86
BlackRock Advisors (UK) Limited	28-Jul-16	yes	117.50	on mkt buy	ord	2,040	2,040
BlackRock Advisors (UK) Limited	28-Jul-16	yes	117.50	on mkt buy	ord	9,010	9,010
BlackRock Advisors (UK) Limited	28-Jul-16	yes	117.50	on mkt buy	ord	8,109	8,109
BlackRock Fund Advisors	29-Jul-16	no	n/a	in specie	ord	10,450	10,450
BlackRock Advisors (UK) Limited	29-Jul-16	yes	118.00	on mkt buy	ord	2,229	2,229
BlackRock Institutional Trust Company, National Association	29-Jul-16	no	n/a	in specie	ord	3,873	3,873
BlackRock Advisors (UK) Limited	29-Jul-16	yes	118.00	on mkt buy	ord	246	246
BlackRock Institutional Trust Company, National Association	29-Jul-16	yes	118.00	on mkt buy	ord	2,460	2,460
BlackRock Advisors (UK) Limited	29-Jul-16	yes	118.00	on mkt buy	ord	548	548
BlackRock Institutional Trust Company, National Association	29-Jul-16	yes	118.00	on mkt buy	ord	177	177
BlackRock Investment Management (UK) Limited	29-Jul-16	yes	118.00	on mkt buy	ord	1,290	1,290
BlackRock Institutional Trust Company, National Association	29-Jul-16	yes	118.00	on mkt buy	ord	3,544	3,544
BlackRock Fund Advisors	29-Jul-16	yes	118.00	on mkt buy	ord	651	651
BlackRock Asset Management Canada Limited	29-Jul-16	yes	118.00	on mkt buy	ord	91	91
BlackRock Advisors (UK) Limited	29-Jul-16	yes	118.00	on mkt buy	ord	2,715	2,715
BlackRock Institutional Trust Company, National Association	29-Jul-16	yes	118.00	on mkt buy	ord	1,848	1,848
BlackRock Investment Management, LLC	29-Jul-16	yes	118.00	on mkt buy	ord	284	284
BlackRock Advisors (UK) Limited	29-Jul-16	yes	118.00	on mkt buy	ord	1,810	1,810
BlackRock Fund Advisors	29-Jul-16	yes	118.00	on mkt buy	ord	1,249	1,249
BlackRock Advisors (UK) Limited	01-Aug-16	yes	117.59	on mkt buy	ord	908	908
BlackRock Institutional Trust Company, National Association	01-Aug-16	yes	117.59	on mkt buy	ord	283	283
BlackRock Advisors (UK) Limited	01-Aug-16	yes	117.59	on mkt buy	ord	905	905
BlackRock Fund Advisors	01-Aug-16	no	n/a	in specie	ord	262	262
BlackRock Japan Co., Ltd.	02-Aug-16	yes	117.78	on mkt buy	ord	143	143
BlackRock Fund Advisors	02-Aug-16	no	n/a	in specie	ord	11,406	11,406
BlackRock Advisors (UK) Limited	02-Aug-16	yes	117.78	on mkt buy	ord	1,810	1,810
BlackRock Japan Co., Ltd.	02-Aug-16	yes	118.08	on mkt buy	ord	128	128
BlackRock Fund Advisors	02-Aug-16	no	n/a	in specie	ord	655	655
BlackRock Advisors (UK) Limited	02-Aug-16	yes	117.78	on mkt buy	ord	120	120
BlackRock Fund Advisors	02-Aug-16	no	n/a	in specie	ord	262	262
BlackRock Fund Advisors	03-Aug-16	yes	117.83	on mkt buy	ord	1,179	1,179
BlackRock Investment Management (UK) Limited	03-Aug-16	yes	117.47	on mkt buy	ord	135	135
BlackRock Financial Management, Inc.	04-Aug-16	yes	116.19	on mkt buy	ord	7,883	7,883
BlackRock Advisors (UK) Limited	04-Aug-16	yes	114.75	on mkt buy	ord	960	960
BlackRock Advisors (UK) Limited	04-Aug-16	yes	114.75	on mkt buy	ord	708	708
BlackRock Fund Advisors	04-Aug-16	yes	114.75	on mkt buy	ord	3,015	3,015
BlackRock Advisors (UK) Limited	04-Aug-16	yes	114.75	on mkt buy	ord	3,620	3,620
BlackRock Advisors (UK) Limited	04-Aug-16	yes	115.28	on mkt buy	ord	57,920	57,920
BlackRock Advisors (UK) Limited	04-Aug-16	yes	114.75	on mkt buy	ord	428	428
BlackRock Japan Co., Ltd.	04-Aug-16	yes	114.75	on mkt buy	ord	288	288
BlackRock Advisors (UK) Limited	05-Aug-16	yes	114.69	on mkt buy	ord	909	909
BlackRock Fund Advisors	05-Aug-16	no	n/a	in specie	ord	528	528
BlackRock Institutional Trust Company, National Association	05-Aug-16	yes	114.69	on mkt buy	ord	3,970	3,970
BlackRock Fund Advisors	05-Aug-16	yes	114.69	on mkt buy	ord	1,788	1,788
BlackRock Financial Management, Inc.	05-Aug-16	yes	114.94	on mkt buy	ord	3,447	3,447
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	115.21	on mkt buy	ord	2,647	2,647
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	115.21	on mkt buy	ord	73	73
BlackRock Fund Advisors	08-Aug-16	no	n/a	in specie	ord	396	396
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	115.21	on mkt buy	ord	251	251
BlackRock Advisors (UK) Limited	09-Aug-16	yes	113.99	on mkt buy	ord	1,818	1,818
BlackRock Advisors (UK) Limited	09-Aug-16	yes	113.99	on mkt buy	ord	1,810	1,810
BlackRock Advisors (UK) Limited	09-Aug-16	yes	113.99	on mkt buy	ord	3,621	3,621
BlackRock Investment Management (UK) Limited	09-Aug-16	yes	113.97	on mkt buy	ord	315	315

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			Cash	Non-cash			
BlackRock Fund Advisors	09-Aug-16	yes	113.99	on mkt buy	ord	3,376	3,376
BlackRock Advisors (UK) Limited	09-Aug-16	yes	113.99	on mkt buy	ord	1,818	1,818
BlackRock Advisors (UK) Limited	09-Aug-16	yes	113.99	on mkt buy	ord	120	120
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	115.22	on mkt buy	ord	170	170
BlackRock Institutional Trust Company, National Association	10-Aug-16	yes	115.33	on mkt buy	ord	663	663
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	115.22	on mkt buy	ord	318	318
BlackRock Advisors (UK) Limited	10-Aug-16	yes	115.43	on mkt buy	ord	360	360
BlackRock Institutional Trust Company, National Association	10-Aug-16	yes	115.33	on mkt buy	ord	1,353	1,353
BlackRock Institutional Trust Company, National Association	10-Aug-16	yes	115.33	on mkt buy	ord	398	398
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	115.22	on mkt buy	ord	18	18
BlackRock Investment Management (UK) Limited	10-Aug-16	yes	115.07	on mkt buy	ord	374	374
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	115.22	on mkt buy	ord	776	776
BlackRock Advisors, LLC	10-Aug-16	yes	115.33	on mkt buy	ord	339	339
BlackRock Institutional Trust Company, National Association	10-Aug-16	yes	115.33	on mkt buy	ord	544	544
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	115.22	on mkt buy	ord	68	68
BlackRock Advisors (UK) Limited	10-Aug-16	yes	115.43	on mkt buy	ord	589	589
BlackRock Fund Advisors	10-Aug-16	no	n/a	in specie	ord	924	924
BlackRock Investment Management (UK) Limited	11-Aug-16	yes	115.01	on mkt buy	ord	131	131
BlackRock Institutional Trust Company, National Association	12-Aug-16	yes	116.39	on mkt buy	ord	856	856
BlackRock Advisors (UK) Limited	12-Aug-16	yes	116.50	on mkt buy	ord	220	220
BlackRock Institutional Trust Company, National Association	12-Aug-16	yes	116.39	on mkt buy	ord	671	671
BlackRock Institutional Trust Company, National Association	12-Aug-16	yes	116.39	on mkt buy	ord	725	725
BlackRock Advisors (UK) Limited	12-Aug-16	yes	116.50	on mkt buy	ord	2,727	2,727
BlackRock Financial Management, Inc.	12-Aug-16	no	n/a	in specie	ord	16,700	16,700
BlackRock Fund Advisors	12-Aug-16	no	n/a	in specie	ord	264	264
BlackRock Advisors (UK) Limited	12-Aug-16	yes	116.50	on mkt buy	ord	909	909
BlackRock Advisors, LLC	12-Aug-16	yes	116.39	on mkt buy	ord	627	627
BlackRock Japan Co., Ltd.	12-Aug-16	yes	116.50	on mkt buy	ord	63	63
BlackRock Institutional Trust Company, National Association	12-Aug-16	yes	116.39	on mkt buy	ord	2,913	2,913
BlackRock Institutional Trust Company, National Association	12-Aug-16	yes	116.39	on mkt buy	ord	1,394	1,394
BlackRock Financial Management, Inc.	12-Aug-16	yes	116.39	on mkt buy	ord	617	617
BlackRock Japan Co., Ltd.	16-Aug-16	yes	116.75	on mkt buy	ord	507	507
BlackRock Fund Advisors	16-Aug-16	yes	116.75	on mkt buy	ord	5,198	5,198
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	116.75	on mkt buy	ord	1,070	1,070
BlackRock Fund Advisors	16-Aug-16	no	n/a	in specie	ord	528	528
BlackRock Investment Management (UK) Limited	16-Aug-16	yes	116.31	on mkt buy	ord	70	70
BlackRock Financial Management, Inc.	16-Aug-16	yes	115.52	on mkt buy	ord	199	199
BlackRock Institutional Trust Company, National Association	16-Aug-16	yes	116.37	on mkt buy	ord	1,267	1,267
BlackRock Advisors, LLC	16-Aug-16	yes	116.37	on mkt buy	ord	299	299
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	116.75	on mkt buy	ord	1,794	1,794
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	116.75	on mkt buy	ord	897	897
BlackRock Institutional Trust Company, National Association	16-Aug-16	yes	116.75	on mkt buy	ord	150	150
BlackRock Institutional Trust Company, National Association	16-Aug-16	yes	116.37	on mkt buy	ord	1,133	1,133
BlackRock Asset Management North Asia Limited	16-Aug-16	yes	116.37	on mkt buy	ord	98	98
BlackRock Institutional Trust Company, National Association	16-Aug-16	yes	116.37	on mkt buy	ord	426	426

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			Cash	Non-cash			
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	116.75	on mkt buy	ord	2,675	2,675
BlackRock Institutional Trust Company, National Association	16-Aug-16	yes	116.37	on mkt buy	ord	333	333
BlackRock Fund Advisors	17-Aug-16	no	n/a	in specie	ord	10,445	10,445
BlackRock Investment Management, LLC	17-Aug-16	yes	110.84	on mkt buy	ord	342	342
BlackRock Advisors (UK) Limited	17-Aug-16	yes	110.53	on mkt buy	ord	910	910
BlackRock Fund Advisors	18-Aug-16	no	n/a	in specie	ord	924	924
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	1,830	1,830
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	409	409
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	112	112
BlackRock Advisors (UK) Limited	18-Aug-16	yes	107.70	on mkt buy	ord	18,100	18,100
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	44	44
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	689	689
BlackRock Institutional Trust Company, National Association	18-Aug-16	yes	108.01	on mkt buy	ord	693	693
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	1,477	1,477
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	101	101
BlackRock Fund Advisors	18-Aug-16	yes	110.00	on mkt buy	ord	655	655
BlackRock Institutional Trust Company, National Association	18-Aug-16	yes	108.01	on mkt buy	ord	1,505	1,505
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	108.01	on mkt buy	ord	111	111
BlackRock Institutional Trust Company, National Association	18-Aug-16	yes	108.01	on mkt buy	ord	516	516
BlackRock Advisors, LLC	18-Aug-16	yes	108.01	on mkt buy	ord	427	427
BlackRock Institutional Trust Company, National Association	18-Aug-16	yes	108.01	on mkt buy	ord	2,077	2,077
BlackRock Advisors (UK) Limited	19-Aug-16	yes	107.89	on mkt buy	ord	2,724	2,724
BlackRock Advisors (UK) Limited	19-Aug-16	yes	107.89	on mkt buy	ord	1,824	1,824
BlackRock Institutional Trust Company, National Association	19-Aug-16	yes	107.89	on mkt buy	ord	1,894	1,894
BlackRock Fund Advisors	19-Aug-16	no	n/a	in specie	ord	528	528
BlackRock Financial Management, Inc.	19-Aug-16	yes	107.77	on mkt buy	ord	182	182
BlackRock Investment Management (UK) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	1,248	1,248
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	68	68
BlackRock Institutional Trust Company, National Association	22-Aug-16	no	n/a	in specie	ord	50,841	50,841
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	369	369
BlackRock Japan Co., Ltd.	22-Aug-16	yes	107.70	on mkt buy	ord	802	802
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	172	172
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	48	48
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	612	612
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	78	78
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	159	159
BlackRock Asset Management Canada Limited	22-Aug-16	yes	107.70	on mkt buy	ord	4,726	4,726
BlackRock Fund Advisors	22-Aug-16	no	n/a	in specie	ord	264	264
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	65	65
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	107.79	on mkt buy	ord	2,022	2,022
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	110.11	on mkt buy	ord	4,006	4,006



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			Cash	Non-cash			
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	110.11	on mkt buy	ord	11,990	11,990
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	1,948	1,948
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	71	71
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	109.72	on mkt buy	ord	619	619
BlackRock Financial Management, Inc.	23-Aug-16	yes	109.72	on mkt buy	ord	304	304
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	110.11	on mkt buy	ord	4,018	4,018
BlackRock Japan Co., Ltd.	23-Aug-16	yes	110.11	on mkt buy	ord	327	327
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	63	63
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	2	2
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	354	354
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	13	13
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	109.72	on mkt buy	ord	790	790
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	2	2
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	67	67
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	109.72	on mkt buy	ord	1,399	1,399
BlackRock Fund Advisors	23-Aug-16	yes	110.11	on mkt buy	ord	829	829
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	109.72	on mkt buy	ord	899	899
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	46	46
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	2	2
BlackRock Advisors (UK) Limited	23-Aug-16	yes	110.11	on mkt buy	ord	27,390	27,390
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	167	167
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	154	154
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	6	6
BlackRock Advisors (UK) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	155	155
BlackRock Fund Advisors	23-Aug-16	no	n/a	in specie	ord	1,740	1,740
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	6	6
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	109.72	on mkt buy	ord	760	760
BlackRock (Netherlands) B.V.	23-Aug-16	yes	110.11	on mkt buy	ord	235	235
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	589	589
BlackRock Japan Co., Ltd.	23-Aug-16	yes	109.72	on mkt buy	ord	349	349
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	109.72	on mkt buy	ord	75	75
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	3	3
BlackRock Financial Management, Inc.	23-Aug-16	yes	109.72	on mkt buy	ord	784	784
BlackRock Fund Advisors	23-Aug-16	yes	108.50	on mkt buy	ord	14	14
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	108.42	on mkt buy	ord	21	21
BlackRock Fund Advisors	24-Aug-16	no	n/a	in specie	ord	266	266
BlackRock Advisors (UK) Limited	25-Aug-16	yes	109.41	on mkt buy	ord	2,724	2,724
BlackRock Advisors (UK) Limited	26-Aug-16	yes	109.05	on mkt buy	ord	9,140	9,140
BlackRock Fund Advisors	26-Aug-16	no	n/a	in specie	ord	53	53
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	109.07	on mkt buy	ord	92	92
BlackRock Advisors (UK) Limited	26-Aug-16	yes	109.05	on mkt buy	ord	600	600
BlackRock Institutional Trust Company, National Association	26-Aug-16	yes	109.07	on mkt buy	ord	434	434
BlackRock Japan Co., Ltd.	26-Aug-16	yes	109.05	on mkt buy	ord	1,000	1,000

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			Cash	Non-cash			
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	109.07	on mkt buy	ord	1,173	1,173
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	110.11	on mkt buy	ord	1,234	1,234
BlackRock Financial Management, Inc.	30-Aug-16	yes	110.09	on mkt buy	ord	22,660	22,660
BlackRock Financial Management, Inc.	30-Aug-16	yes	110.09	on mkt buy	ord	6,587	6,587
BlackRock Institutional Trust Company, National Association	30-Aug-16	yes	110.09	on mkt buy	ord	2,258	2,258
BlackRock International Limited	30-Aug-16	yes	110.09	on mkt buy	ord	4,153	4,153
BlackRock Investment Management, LLC	30-Aug-16	yes	110.09	on mkt buy	ord	7,786	7,786
BlackRock Fund Advisors	30-Aug-16	yes	110.14	on mkt buy	ord	218	218
BlackRock Advisors, LLC	30-Aug-16	yes	110.09	on mkt buy	ord	12,910	12,910
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	110.11	on mkt buy	ord	125	125
BlackRock Investment Management (UK) Limited	30-Aug-16	no	n/a	in specie	ord	5,570	5,570
BlackRock Financial Management, Inc.	31-Aug-16	yes	110.07	on mkt buy	ord	7,450	7,450
BlackRock Investment Management (UK) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	3,200	3,200
BlackRock Institutional Trust Company, National Association	31-Aug-16	yes	108.10	on mkt buy	ord	134	134
BlackRock Investment Management (Australia) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	2,004	2,004
BlackRock Investment Management (UK) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	2,205	2,205
BlackRock Advisors (UK) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	393	393
BlackRock Japan Co., Ltd.	31-Aug-16	yes	108.10	on mkt buy	ord	1,124	1,124
BlackRock Investment Management, LLC	31-Aug-16	yes	108.10	on mkt buy	ord	83	83
BlackRock Investment Management, LLC	31-Aug-16	yes	108.10	on mkt buy	ord	548	548
BlackRock Investment Management (Australia) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	1,450	1,450
BlackRock Advisors, LLC	31-Aug-16	yes	108.10	on mkt buy	ord	494	494
BlackRock Fund Advisors	31-Aug-16	yes	108.10	on mkt buy	ord	12	12
BlackRock Investment Management (Australia) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	1,605	1,605
BlackRock Advisors (UK) Limited	31-Aug-16	yes	108.10	on mkt buy	ord	480	480
BlackRock Institutional Trust Company, National Association	31-Aug-16	yes	108.10	on mkt buy	ord	1,236	1,236
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	107.49	on mkt buy	ord	631	631
BlackRock Institutional Trust Company, National Association	01-Sep-16	yes	107.30	on mkt buy	ord	202	202
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	107.49	on mkt buy	ord	293	293
BlackRock Fund Advisors	01-Sep-16	no	n/a	in specie	ord	508	508
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	107.49	on mkt buy	ord	71	71
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	107.49	on mkt buy	ord	79	79
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	107.49	on mkt buy	ord	69	69
BlackRock Advisors (UK) Limited	01-Sep-16	yes	107.30	on mkt buy	ord	111	111
BlackRock Asset Management Canada Limited	01-Sep-16	yes	107.30	on mkt buy	ord	1,108	1,108
BlackRock Institutional Trust Company, National Association	01-Sep-16	yes	107.30	on mkt buy	ord	1,596	1,596
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	107.49	on mkt buy	ord	187	187
BlackRock Fund Advisors	02-Sep-16	yes	106.20	on mkt buy	ord	960	960
BlackRock Institutional Trust Company, National Association	02-Sep-16	yes	104.93	on mkt buy	ord	1,170	1,170
BlackRock Fund Advisors	02-Sep-16	yes	106.20	on mkt buy	ord	995	995
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	96	96
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	124	124
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.92	on mkt buy	ord	4,815	4,815
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	102	102

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			Cash	Non-cash			
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	249	249
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	325	325
BlackRock Investment Management (UK) Limited	05-Sep-16	yes	105.37	on mkt buy	ord	2,972	2,972
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	2,906	2,906
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	104.94	on mkt buy	ord	385	385
BlackRock Fund Advisors	06-Sep-16	no	n/a	in specie	ord	889	889
BlackRock Japan Co., Ltd.	06-Sep-16	yes	103.40	on mkt buy	ord	1,171	1,171
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	187	187
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	129	129
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	2,743	2,743
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	224	224
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	777	777
BlackRock Advisors, LLC	07-Sep-16	yes	102.85	on mkt buy	ord	691	691
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	102.85	on mkt buy	ord	1,587	1,587
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	117	117
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	102.85	on mkt buy	ord	2,795	2,795
BlackRock Fund Advisors	07-Sep-16	yes	102.94	on mkt buy	ord	2,368	2,368
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	1,418	1,418
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	405	405
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	102.85	on mkt buy	ord	3,727	3,727
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	102.85	on mkt buy	ord	1,057	1,057
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	102.93	on mkt buy	ord	159	159
BlackRock Investment Management (UK) Limited	07-Sep-16	yes	102.70	on mkt buy	ord	328	328
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	102.85	on mkt buy	ord	325	325
BlackRock Advisors (UK) Limited	08-Sep-16	yes	103.55	on mkt buy	ord	901	901
BlackRock Institutional Trust Company, National Association	08-Sep-16	yes	103.42	on mkt buy	ord	830	830
BlackRock Advisors (UK) Limited	08-Sep-16	yes	103.72	on mkt buy	ord	223	223
BlackRock Advisors (UK) Limited	08-Sep-16	yes	103.72	on mkt buy	ord	218	218
BlackRock Institutional Trust Company, National Association	09-Sep-16	yes	101.66	on mkt buy	ord	323	323
BlackRock Advisors (UK) Limited	09-Sep-16	yes	101.39	on mkt buy	ord	109	109
BlackRock Fund Advisors	09-Sep-16	no	n/a	in specie	ord	2,002	2,002
BlackRock Japan Co., Ltd.	09-Sep-16	yes	101.39	on mkt buy	ord	67	67
BlackRock Institutional Trust Company, National Association	09-Sep-16	yes	101.67	on mkt buy	ord	545	545
BlackRock Institutional Trust Company, National Association	09-Sep-16	yes	101.67	on mkt buy	ord	1,119	1,119
BlackRock Institutional Trust Company, National Association	09-Sep-16	yes	101.68	on mkt buy	ord	1,368	1,368
BlackRock Advisors (UK) Limited	09-Sep-16	yes	101.39	on mkt buy	ord	2,703	2,703
BlackRock Advisors (UK) Limited	12-Sep-16	yes	100.06	on mkt buy	ord	110	110
BlackRock Fund Advisors	12-Sep-16	no	n/a	in specie	ord	477	477
BlackRock Fund Advisors	12-Sep-16	no	n/a	in specie	ord	630	630
BlackRock Fund Advisors	12-Sep-16	yes	99.95	on mkt buy	ord	2,442	2,442
BlackRock Fund Advisors	13-Sep-16	no	n/a	in specie	ord	5,235	5,235
BlackRock Institutional Trust Company, National Association	13-Sep-16	yes	99.94	on mkt buy	ord	209	209
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	100.41	on mkt buy	ord	459	459

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BlackRock Japan Co., Ltd.	13-Sep-16	yes	99.94	on mkt buy	ord	301	301
BlackRock Investment Management, LLC	13-Sep-16	yes	101.10	on mkt buy	ord	229	229
BlackRock Institutional Trust Company, National Association	13-Sep-16	yes	100.49	on mkt buy	ord	2,727	2,727
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	100.41	on mkt buy	ord	389	389
BlackRock Japan Co., Ltd.	13-Sep-16	yes	99.94	on mkt buy	ord	95	95
BlackRock Advisors (UK) Limited	13-Sep-16	yes	100.49	on mkt buy	ord	133	133
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	100.41	on mkt buy	ord	143	143
BlackRock Institutional Trust Company, National Association	13-Sep-16	yes	100.49	on mkt buy	ord	3,312	3,312
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	100.41	on mkt buy	ord	40	40
BlackRock Institutional Trust Company, National Association	13-Sep-16	yes	100.49	on mkt buy	ord	1,629	1,629
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	100.41	on mkt buy	ord	84	84
BlackRock Institutional Trust Company, National Association	13-Sep-16	yes	100.49	on mkt buy	ord	874	874
BlackRock Japan Co., Ltd.	14-Sep-16	yes	100.70	on mkt buy	ord	77	77
BlackRock Advisors (UK) Limited	14-Sep-16	yes	100.70	on mkt buy	ord	628	628
BlackRock Advisors (UK) Limited	15-Sep-16	yes	101.04	on mkt buy	ord	904	904
BlackRock Institutional Trust Company, National Association	15-Sep-16	yes	100.29	on mkt buy	ord	6,081	6,081
BlackRock Fund Advisors	15-Sep-16	no	n/a	in specie	ord	218	218
BlackRock Institutional Trust Company, National Association	15-Sep-16	yes	100.29	on mkt buy	ord	1,011	1,011
BlackRock Institutional Trust Company, National Association	15-Sep-16	yes	100.29	on mkt buy	ord	3,372	3,372
BlackRock Financial Management, Inc.	15-Sep-16	yes	100.29	on mkt buy	ord	843	843
BlackRock Institutional Trust Company, National Association	15-Sep-16	yes	100.29	on mkt buy	ord	332	332
BlackRock Fund Advisors	15-Sep-16	no	n/a	in specie	ord	8,304	8,304
BlackRock Institutional Trust Company, National Association	15-Sep-16	yes	100.29	on mkt buy	ord	1,889	1,889
BlackRock Institutional Trust Company, National Association	15-Sep-16	yes	100.29	on mkt buy	ord	6,957	6,957
BlackRock Japan Co., Ltd.	16-Sep-16	yes	102.90	on mkt buy	ord	112	112
BlackRock Fund Advisors	16-Sep-16	yes	101.06	on mkt buy	ord	42	42
BlackRock Institutional Trust Company, National Association	16-Sep-16	yes	102.90	on mkt buy	ord	262	262
BlackRock Institutional Trust Company, National Association	19-Sep-16	yes	102.10	on mkt buy	ord	98	98
BlackRock Institutional Trust Company, National Association	19-Sep-16	yes	102.10	on mkt buy	ord	233	233
BlackRock Institutional Trust Company, National Association	19-Sep-16	yes	102.10	on mkt buy	ord	75	75
BlackRock Advisors, LLC	20-Sep-16	yes	102.31	on mkt buy	ord	1,347	1,347
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	1,079	1,079
BlackRock Financial Management, Inc.	20-Sep-16	yes	102.31	on mkt buy	ord	693	693
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.45	on mkt buy	ord	264	264
BlackRock Financial Management, Inc.	20-Sep-16	yes	102.31	on mkt buy	ord	1,068	1,068
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	397	397
BlackRock Advisors, LLC	20-Sep-16	yes	102.45	on mkt buy	ord	5,430	5,430
BlackRock Investment Management, LLC	20-Sep-16	yes	101.50	on mkt buy	ord	181	181
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	821	821
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	5,581	5,581
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	1,548	1,548
BlackRock Financial Management, Inc.	20-Sep-16	yes	102.31	on mkt buy	ord	358	358
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.45	on mkt buy	ord	426	426
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	1,707	1,707

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BlackRock Investment Management, LLC	20-Sep-16	yes	102.45	on mkt buy	ord	2,253	2,253
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	102.31	on mkt buy	ord	5,954	5,954
BlackRock Advisors, LLC	21-Sep-16	yes	102.85	on mkt buy	ord	8,250	8,250
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	850	850
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	783	783
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	1,248	1,248
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	5,994	5,994
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	710	710
BlackRock Investment Management (Australia) Limited	22-Sep-16	yes	103.97	on mkt buy	ord	111,133	111,133
BlackRock Financial Management, Inc.	22-Sep-16	yes	104.00	on mkt buy	ord	657	657
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	2,786	2,786
BlackRock Financial Management, Inc.	22-Sep-16	yes	104.00	on mkt buy	ord	384	384
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	5,209	5,209
BlackRock Fund Advisors	22-Sep-16	yes	103.10	on mkt buy	ord	935	935
BlackRock Investment Management (Australia) Limited	22-Sep-16	yes	102.85	on mkt buy	ord	115,326	115,326
BlackRock Financial Management, Inc.	22-Sep-16	yes	104.00	on mkt buy	ord	1,103	1,103
BlackRock Institutional Trust Company, National Association	22-Sep-16	yes	104.00	on mkt buy	ord	383	383
BlackRock Advisors, LLC	22-Sep-16	yes	104.00	on mkt buy	ord	1,063	1,063
BlackRock Institutional Trust Company, National Association	23-Sep-16	yes	105.33	on mkt buy	ord	395	395
BlackRock Institutional Trust Company, National Association	23-Sep-16	yes	105.33	on mkt buy	ord	177	177
BlackRock Fund Advisors	23-Sep-16	yes	105.66	on mkt buy	ord	1,443	1,443
BlackRock Advisors, LLC	23-Sep-16	yes	105.66	on mkt buy	ord	8,056	8,056
BlackRock Institutional Trust Company, National Association	23-Sep-16	yes	105.33	on mkt buy	ord	155	155
BlackRock Advisors, LLC	26-Sep-16	yes	106.10	on mkt buy	ord	5,388	5,388
BlackRock Fund Advisors	26-Sep-16	yes	106.10	on mkt buy	ord	6,630	6,630
BlackRock Institutional Trust Company, National Association	26-Sep-16	yes	106.10	on mkt buy	ord	3,641	3,641
BlackRock Advisors (UK) Limited	27-Sep-16	yes	108.10	on mkt buy	ord	1,440	1,440
BlackRock Financial Management, Inc.	27-Sep-16	yes	106.96	on mkt buy	ord	417	417
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	1,246	1,246
BlackRock Advisors (UK) Limited	27-Sep-16	yes	108.10	on mkt buy	ord	240	240
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	308	308
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	5,143	5,143
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	4,251	4,251
BlackRock Advisors (UK) Limited	27-Sep-16	yes	108.10	on mkt buy	ord	1,202	1,202
BlackRock Advisors, LLC	27-Sep-16	yes	106.96	on mkt buy	ord	1,101	1,101
BlackRock Fund Advisors	27-Sep-16	no	n/a	in specie	ord	18,729	18,729
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	2,164	2,164
BlackRock Advisors, LLC	27-Sep-16	yes	108.10	on mkt buy	ord	5,605	5,605
BlackRock Fund Advisors	27-Sep-16	yes	108.10	on mkt buy	ord	1,216	1,216
BlackRock Advisors (UK) Limited	27-Sep-16	yes	106.96	on mkt buy	ord	146	146
BlackRock Japan Co., Ltd.	27-Sep-16	yes	106.96	on mkt buy	ord	424	424
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	800	800
BlackRock Financial Management, Inc.	27-Sep-16	yes	106.96	on mkt buy	ord	308	308
BlackRock Fund Advisors	27-Sep-16	yes	105.61	on mkt buy	ord	748	748
BlackRock Institutional Trust Company, National Association	27-Sep-16	yes	106.96	on mkt buy	ord	327	327
BlackRock Financial Management, Inc.	27-Sep-16	yes	106.96	on mkt buy	ord	974	974
BlackRock Fund Advisors	27-Sep-16	yes	108.10	on mkt buy	ord	2,195	2,195
BlackRock Fund Advisors	28-Sep-16	yes	107.80	on mkt buy	ord	46	46

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			Cash	Non-cash			
BlackRock Fund Advisors	28-Sep-16	yes	107.80	on mkt buy	ord	247	247
BlackRock Investment Management (Australia) Limited	28-Sep-16	yes	108.28	on mkt buy	ord	714	714
BlackRock Advisors (UK) Limited	28-Sep-16	yes	108.87	on mkt buy	ord	240	240
BlackRock Advisors, LLC	28-Sep-16	yes	108.87	on mkt buy	ord	3,864	3,864
BlackRock Institutional Trust Company, National Association	29-Sep-16	yes	108.33	on mkt buy	ord	15	15
BlackRock Asset Management Canada Limited	29-Sep-16	no	n/a	in specie	ord	3,427	3,427
BlackRock Institutional Trust Company, National Association	29-Sep-16	yes	108.33	on mkt buy	ord	74	74
BlackRock Institutional Trust Company, National Association	29-Sep-16	yes	108.33	on mkt buy	ord	19	19
BlackRock Financial Management, Inc.	30-Sep-16	yes	107.04	on mkt buy	ord	747	747
BlackRock Investment Management (Australia) Limited	30-Sep-16	yes	107.00	on mkt buy	ord	4,240	4,240
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.04	on mkt buy	ord	331	331
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.04	on mkt buy	ord	985	985
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.00	on mkt buy	ord	1,702	1,702
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.04	on mkt buy	ord	7,927	7,927
BlackRock Advisors, LLC	30-Sep-16	yes	107.04	on mkt buy	ord	847	847
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.04	on mkt buy	ord	6,750	6,750
BlackRock Asset Management Canada Limited	30-Sep-16	yes	107.00	on mkt buy	ord	1,992	1,992
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.04	on mkt buy	ord	574	574
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	107.04	on mkt buy	ord	1,892	1,892
BlackRock Institutional Trust Company, National Association	03-Oct-16	yes	106.57	on mkt buy	ord	1,350	1,350
BlackRock Fund Advisors	03-Oct-16	yes	106.57	on mkt buy	ord	4,050	4,050
BlackRock Fund Advisors	03-Oct-16	yes	107.26	on mkt buy	ord	2,244	2,244
BlackRock Institutional Trust Company, National Association	03-Oct-16	yes	107.26	on mkt buy	ord	109	109
BlackRock Advisors (UK) Limited	03-Oct-16	yes	106.57	on mkt buy	ord	5,430	5,430
BlackRock Financial Management, Inc.	04-Oct-16	yes	106.69	on mkt buy	ord	1,609	1,609
BlackRock International Limited	04-Oct-16	yes	106.69	on mkt buy	ord	1,106	1,106
BlackRock Investment Management, LLC	04-Oct-16	yes	106.69	on mkt buy	ord	382	382
BlackRock Fund Advisors	04-Oct-16	yes	106.94	on mkt buy	ord	2,432	2,432
BlackRock Financial Management, Inc.	04-Oct-16	yes	106.69	on mkt buy	ord	5,597	5,597
BlackRock Investment Management, LLC	04-Oct-16	yes	106.94	on mkt buy	ord	1,207	1,207
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.80	on mkt buy	ord	637	637
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.80	on mkt buy	ord	5,286	5,286
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.80	on mkt buy	ord	2,163	2,163
BlackRock Japan Co., Ltd.	04-Oct-16	yes	106.06	on mkt buy	ord	125	125
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.80	on mkt buy	ord	5,205	5,205
BlackRock Financial Management, Inc.	04-Oct-16	yes	106.69	on mkt buy	ord	2,160	2,160
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.69	on mkt buy	ord	596	596
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	106.80	on mkt buy	ord	951	951
BlackRock Advisors, LLC	04-Oct-16	yes	106.69	on mkt buy	ord	4,050	4,050
BlackRock Advisors, LLC	04-Oct-16	yes	106.80	on mkt buy	ord	1,007	1,007
BlackRock Advisors (UK) Limited	05-Oct-16	yes	106.52	on mkt buy	ord	10,764	10,764
BlackRock Fund Advisors	05-Oct-16	yes	106.52	on mkt buy	ord	4,404	4,404
BlackRock Fund Advisors	05-Oct-16	yes	106.52	on mkt buy	ord	1,101	1,101
BlackRock Investment Management (UK) Limited	06-Oct-16	yes	107.03	on mkt buy	ord	1,411	1,411
BlackRock Investment Management, LLC	06-Oct-16	yes	106.92	on mkt buy	ord	268	268
BlackRock Advisors (UK) Limited	06-Oct-16	yes	106.56	on mkt buy	ord	394	394

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			
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	106.54	on mkt buy	ord	2,204	2,204
BlackRock Institutional Trust Company, National Association	07-Oct-16	yes	106.40	on mkt buy	ord	3,303	3,303
BlackRock Fund Advisors	07-Oct-16	yes	106.40	on mkt buy	ord	2,894	2,894
BlackRock Fund Advisors	07-Oct-16	yes	106.40	on mkt buy	ord	1,480	1,480
BlackRock Asset Management Canada Limited	07-Oct-16	yes	106.40	on mkt buy	ord	1,502	1,502
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	106.52	on mkt buy	ord	3,131	3,131
BlackRock Institutional Trust Company, National Association	07-Oct-16	yes	106.40	on mkt buy	ord	7,951	7,951
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	106.52	on mkt buy	ord	571	571
BlackRock Advisors (UK) Limited	07-Oct-16	yes	106.40	on mkt buy	ord	1,019	1,019
BlackRock Advisors (UK) Limited	07-Oct-16	yes	106.49	on mkt buy	ord	1,810	1,810
BlackRock Fund Advisors	07-Oct-16	no	n/a	in specie	ord	4,004	4,004
BlackRock Fund Advisors	07-Oct-16	no	n/a	in specie	ord	5,205	5,205
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	106.52	on mkt buy	ord	6,949	6,949
BlackRock Advisors (UK) Limited	07-Oct-16	no	n/a	in specie	ord	388,000	388,000
BlackRock Fund Advisors	07-Oct-16	yes	106.95	on mkt buy	ord	935	935
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	106.75	on mkt buy	ord	4,483	4,483
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	106.75	on mkt buy	ord	1,351	1,351
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	106.75	on mkt buy	ord	227	227
BlackRock Advisors (UK) Limited	11-Oct-16	yes	105.48	on mkt buy	ord	1,202	1,202
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	105.73	on mkt buy	ord	359	359
BlackRock Fund Advisors	11-Oct-16	yes	106.26	on mkt buy	ord	561	561
BlackRock Fund Advisors	11-Oct-16	yes	106.26	on mkt buy	ord	31	31
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.81	on mkt buy	ord	106	106
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	105.73	on mkt buy	ord	176	176
BlackRock Fund Advisors	11-Oct-16	yes	105.48	on mkt buy	ord	3,172	3,172
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.81	on mkt buy	ord	630	630
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	105.73	on mkt buy	ord	139	139
BlackRock Fund Advisors	11-Oct-16	yes	105.48	on mkt buy	ord	1,277	1,277
BlackRock Japan Co., Ltd.	11-Oct-16	yes	106.37	on mkt buy	ord	798	798
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.81	on mkt buy	ord	2,090	2,090
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.48	on mkt buy	ord	1,152	1,152
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	105.48	on mkt buy	ord	984	984
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	1,236	1,236
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	10,805	10,805
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	106.32	on mkt buy	ord	2,558	2,558
BlackRock Advisors (UK) Limited	12-Oct-16	yes	106.02	on mkt buy	ord	1,202	1,202
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	4,064	4,064
BlackRock Advisors (UK) Limited	12-Oct-16	yes	106.54	on mkt buy	ord	1,810	1,810
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	10,410	10,410
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	585	585
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.54	on mkt buy	ord	1,106	1,106
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	340	340
BlackRock Advisors, LLC	12-Oct-16	yes	106.22	on mkt buy	ord	1,217	1,217

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			
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	105.36	on mkt buy	ord	919	919
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	106.22	on mkt buy	ord	3,018	3,018
BlackRock Fund Advisors	13-Oct-16	no	n/a	in specie	ord	1,104	1,104
BlackRock Advisors (UK) Limited	13-Oct-16	yes	104.97	on mkt buy	ord	360	360
BlackRock Fund Advisors	13-Oct-16	yes	104.97	on mkt buy	ord	1,997	1,997
BlackRock Advisors (UK) Limited	13-Oct-16	yes	104.88	on mkt buy	ord	100,000	100,000
BlackRock Advisors (UK) Limited	13-Oct-16	yes	104.97	on mkt buy	ord	10,000	10,000
BlackRock Advisors (UK) Limited	13-Oct-16	yes	105.18	on mkt buy	ord	66,298	66,298
BlackRock Investment Management (Australia) Limited	13-Oct-16	yes	104.97	on mkt buy	ord	2,359	2,359
BlackRock Advisors (UK) Limited	13-Oct-16	yes	104.97	on mkt buy	ord	120	120
BlackRock Institutional Trust Company, National Association	13-Oct-16	yes	104.97	on mkt buy	ord	142	142
BlackRock Advisors (UK) Limited	14-Oct-16	yes	105.65	on mkt buy	ord	1,205	1,205
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	295	295
BlackRock Fund Advisors	14-Oct-16	no	n/a	in specie	ord	6,960	6,960
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	405	405
BlackRock Advisors (UK) Limited	14-Oct-16	yes	105.65	on mkt buy	ord	3,620	3,620
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	538	538
BlackRock Advisors (UK) Limited	14-Oct-16	yes	106.04	on mkt buy	ord	60,635	60,635
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	5,272	5,272
BlackRock Advisors, LLC	14-Oct-16	yes	106.13	on mkt buy	ord	923	923
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	5,468	5,468
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	2,141	2,141
BlackRock Institutional Trust Company, National Association	14-Oct-16	yes	106.13	on mkt buy	ord	1,547	1,547
BlackRock Asset Management Canada Limited	14-Oct-16	no	n/a	in specie	ord	38,049	38,049



## Annexure C

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

**Kayla McGrory,**  
**Authorised Signatory**

18-Oct-16  
**Date**

### 7. Addresses

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

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

