

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.

28-Jul-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 5,861	5,861	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 54,278	54,278	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 4,697	4,697	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 1,132,273	1,132,273	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 2,468	2,468	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 27,093	27,093	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 227,591	227,591	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 77,494	77,494	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 79,433	79,433	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 570,911	570,911	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 1,763	1,763	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 110,834	110,834	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 17,843	17,843	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 151,579	151,579	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 2,260	2,260	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 496	496	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-MELLON TRUST - NEW YORK		ord 46,975	46,975	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 3,756	3,756	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 2,773	2,773	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 29,667	29,667	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 27,721	27,721	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 244,868	244,868	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 42,690	42,690	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 17,105	17,105	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 56,484	56,484	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 19,847	19,847	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 3,602,840	3,602,840	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 426,344	426,344	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 74,171	74,171	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 135,923	135,923	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 18,296	18,296	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 322,243	322,243	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ord 210,776	210,776	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 25,105	25,105	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 21,156	21,156	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 4,313,506	4,313,506	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 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 32,851	32,851	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 149,995	149,995	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 3,098	3,098	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 971	971	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ord 1,277,645	1,277,645	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 94,096	94,096	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 33,909	33,909	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 15,504	15,504	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BANK OF NY BRUS		ord 57,630	57,630	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 159,989	159,989	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 341,036	341,036	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 37,977	37,977	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 27,379	27,379	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 23,273	23,273	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.	NT-NORTHERN TRUST UK		ord 148,649	148,649	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 7,049	7,049	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 73,717	73,717	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 30,936	30,936	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 256,451	256,451	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-MELLON TRUST - NEW YORK		ord 81,682	81,682	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 81,411	81,411	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 265,144	265,144	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 12,042	12,042	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 857	857	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 4,475	4,475	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 447,362	447,362	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 2,773	2,773	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 5,456	5,456	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 70,707	70,707	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 459,137	459,137	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 498,092	498,092	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 81,819	81,819	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 2,252,907	2,252,907	subsidiary of BlackRock Inc.

This is Annexure B of 10 pages referred to in form 603 Notice of initial substantial shareholder

28-Jul-16

Kayla McGroary,
 Authorised Signatory

Date

5. Consideration

BANK OF QUEENSLAND LTD (BOQ)								
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 Fund Advisors	29-Mar-16	no	n/a	in specie	ord	6,146	6,146	
BlackRock Institutional Trust Company, National Association	29-Mar-16	yes	11.95	on mkt buy	ord	6,191	6,191	
BlackRock Investment Management (Australia) Limited	29-Mar-16	yes	12.01	on mkt buy	ord	4,935	4,935	
BlackRock Investment Management (Australia) Limited	29-Mar-16	yes	12.01	on mkt buy	ord	3,659	3,659	
BlackRock Investment Management (Australia) Limited	29-Mar-16	yes	12.01	on mkt buy	ord	1,733	1,733	
BlackRock Fund Advisors	30-Mar-16	no	n/a	in specie	ord	6,146	6,146	
BlackRock Advisors (UK) Limited	30-Mar-16	yes	11.73	on mkt buy	ord	98	98	
BlackRock Institutional Trust Company, National Association	30-Mar-16	yes	11.73	on mkt buy	ord	21,448	21,448	
BlackRock Fund Advisors	31-Mar-16	yes	11.89	on mkt buy	ord	2,957	2,957	
BlackRock Fund Advisors	31-Mar-16	no	n/a	in specie	ord	13,552	13,552	
BlackRock Asset Management Canada Limited	31-Mar-16	no	n/a	in specie	ord	913	913	
BlackRock Asset Management Canada Limited	31-Mar-16	yes	12.12	on mkt buy	ord	18,599	18,599	
BlackRock Institutional Trust Company, National Association	31-Mar-16	yes	12.12	on mkt buy	ord	4,890	4,890	
BlackRock Advisors (UK) Limited	31-Mar-16	yes	12.12	on mkt buy	ord	4,999	4,999	
BlackRock Institutional Trust Company, National Association	31-Mar-16	yes	12.12	on mkt buy	ord	24,996	24,996	
BlackRock Investment Management (UK) Limited	31-Mar-16	yes	12.12	on mkt buy	ord	9,514	9,514	
BlackRock Fund Advisors	01-Apr-16	no	n/a	in specie	ord	1,150	1,150	
BlackRock Fund Advisors	04-Apr-16	no	n/a	in specie	ord	3,091	3,091	
BlackRock Advisors (UK) Limited	04-Apr-16	yes	11.62	on mkt buy	ord	3,575	3,575	
BlackRock Advisors (UK) Limited	04-Apr-16	yes	11.62	on mkt buy	ord	254	254	
BlackRock Asset Management Canada Limited	04-Apr-16	yes	11.62	on mkt buy	ord	7,196	7,196	
BlackRock Advisors (UK) Limited	05-Apr-16	yes	11.50	on mkt buy	ord	2,145	2,145	
BlackRock Advisors (UK) Limited	05-Apr-16	yes	11.50	on mkt buy	ord	3,575	3,575	
BlackRock Investment Management (Australia) Limited	05-Apr-16	yes	11.50	on mkt buy	ord	1,056	1,056	
BlackRock Advisors (UK) Limited	05-Apr-16	yes	11.50	on mkt buy	ord	717	717	
BlackRock Fund Advisors	06-Apr-16	no	n/a	in specie	ord	6,182	6,182	
BlackRock Fund Advisors	06-Apr-16	yes	11.51	on mkt buy	ord	3,788	3,788	
BlackRock Institutional Trust Company, National Association	06-Apr-16	yes	11.59	on mkt buy	ord	12,200	12,200	
BlackRock Advisors (UK) Limited	06-Apr-16	yes	11.59	on mkt buy	ord	1,430	1,430	
BlackRock Advisors (UK) Limited	06-Apr-16	yes	11.55	on mkt buy	ord	2,145	2,145	
BlackRock Investment Management (Australia) Limited	06-Apr-16	yes	11.59	on mkt buy	ord	4,410	4,410	
BlackRock Fund Advisors	07-Apr-16	no	n/a	in specie	ord	6,182	6,182	
BlackRock Institutional Trust Company, National Association	07-Apr-16	yes	11.29	on mkt buy	ord	1,271	1,271	
BlackRock Institutional Trust Company, National Association	08-Apr-16	yes	10.96	on mkt buy	ord	6,335	6,335	
BlackRock Advisors (UK) Limited	08-Apr-16	yes	10.96	on mkt buy	ord	715	715	
BlackRock Advisors (UK) Limited	08-Apr-16	yes	10.94	on mkt buy	ord	2,860	2,860	
BlackRock Advisors (UK) Limited	08-Apr-16	yes	10.96	on mkt buy	ord	8,324	8,324	
BlackRock Advisors (UK) Limited	08-Apr-16	yes	10.96	on mkt buy	ord	1,071	1,071	
BlackRock Fund Advisors	08-Apr-16	no	n/a	in specie	ord	8,520	8,520	
BlackRock Fund Advisors	11-Apr-16	yes	10.87	on mkt buy	ord	2,324	2,324	
BlackRock Fund Advisors	12-Apr-16	yes	11.00	on mkt buy	ord	54,328	54,328	

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-Apr-16	yes	11.00	on mkt buy	ord	249,802	249,802
BlackRock Advisors (UK) Limited	13-Apr-16	yes	11.17	on mkt buy	ord	7,270	7,270
BlackRock Fund Advisors	15-Apr-16	no	n/a	in specie	ord	5,130	5,130
BlackRock Investment Management (Australia) Limited	15-Apr-16	yes	11.26	on mkt buy	ord	5,740	5,740
BlackRock Fund Advisors	18-Apr-16	no	n/a	in specie	ord	1,710	1,710
BlackRock Fund Advisors	18-Apr-16	no	n/a	in specie	ord	10,260	10,260
BlackRock Advisors (UK) Limited	18-Apr-16	yes	11.33	on mkt buy	ord	2,181	2,181
BlackRock Advisors (UK) Limited	18-Apr-16	yes	11.33	on mkt buy	ord	2,908	2,908
BlackRock Advisors (UK) Limited	18-Apr-16	yes	11.33	on mkt buy	ord	725	725
BlackRock Fund Advisors	19-Apr-16	no	n/a	in specie	ord	1,320	1,320
BlackRock Investment Management (Australia) Limited	19-Apr-16	yes	11.52	on mkt buy	ord	4,898	4,898
BlackRock Fund Advisors	19-Apr-16	no	n/a	in specie	ord	5,130	5,130
BlackRock Financial Management, Inc.	20-Apr-16	yes	11.69	on mkt buy	ord	6,590	6,590
BlackRock International Limited	20-Apr-16	yes	11.69	on mkt buy	ord	3,098	3,098
BlackRock Financial Management, Inc.	20-Apr-16	yes	11.69	on mkt buy	ord	2,773	2,773
BlackRock Advisors (UK) Limited	20-Apr-16	yes	11.75	on mkt buy	ord	141	141
BlackRock Advisors (UK) Limited	20-Apr-16	yes	11.75	on mkt buy	ord	282	282
BlackRock Advisors (UK) Limited	20-Apr-16	yes	11.75	on mkt buy	ord	3,100	3,100
BlackRock Institutional Trust Company, National Association	20-Apr-16	yes	11.69	on mkt buy	ord	4,107	4,107
BlackRock Institutional Trust Company, National Association	20-Apr-16	yes	11.69	on mkt buy	ord	5,520	5,520
BlackRock Advisors (UK) Limited	20-Apr-16	yes	11.69	on mkt buy	ord	3,688	3,688
BlackRock Institutional Trust Company, National Association	20-Apr-16	yes	11.69	on mkt buy	ord	7,528	7,528
BlackRock Institutional Trust Company, National Association	20-Apr-16	yes	11.69	on mkt buy	ord	8,702	8,702
BlackRock Japan Co., Ltd.	20-Apr-16	yes	11.69	on mkt buy	ord	2,773	2,773
BlackRock Advisors (UK) Limited	20-Apr-16	yes	11.69	on mkt buy	ord	3,420	3,420
BlackRock Advisors (UK) Limited	20-Apr-16	yes	11.69	on mkt buy	ord	3,297	3,297
BlackRock Institutional Trust Company, National Association	20-Apr-16	yes	11.69	on mkt buy	ord	4,468	4,468
BlackRock Financial Management, Inc.	20-Apr-16	yes	11.69	on mkt buy	ord	2,773	2,773
BlackRock Advisors (UK) Limited	21-Apr-16	yes	12.07	on mkt buy	ord	2,175	2,175
BlackRock Investment Management (Australia) Limited	21-Apr-16	yes	12.07	on mkt buy	ord	7,138	7,138
BlackRock Investment Management (Australia) Limited	21-Apr-16	yes	12.07	on mkt buy	ord	45,794	45,794
BlackRock Advisors (UK) Limited	22-Apr-16	yes	12.02	on mkt buy	ord	2,908	2,908
BlackRock Investment Management (UK) Limited	22-Apr-16	yes	11.99	on mkt buy	ord	7,110	7,110
BlackRock Fund Advisors	22-Apr-16	no	n/a	in specie	ord	2,262	2,262
BlackRock Institutional Trust Company, National Association	26-Apr-16	no	n/a	in specie	ord	21,399	21,399
BlackRock (Netherlands) B.V.	26-Apr-16	yes	12.03	on mkt buy	ord	2,656	2,656
BlackRock Advisors (UK) Limited	26-Apr-16	yes	12.03	on mkt buy	ord	22,525	22,525
BlackRock Fund Advisors	26-Apr-16	no	n/a	in specie	ord	754	754
BlackRock Investment Management (Australia) Limited	26-Apr-16	yes	12.02	on mkt buy	ord	4,222	4,222
BlackRock Investment Management (Australia) Limited	26-Apr-16	yes	12.02	on mkt buy	ord	35,119	35,119
BlackRock Advisors (UK) Limited	27-Apr-16	yes	11.73	on mkt buy	ord	972	972
BlackRock Advisors (UK) Limited	27-Apr-16	yes	11.73	on mkt buy	ord	725	725
BlackRock Fund Advisors	28-Apr-16	no	n/a	in specie	ord	8,550	8,550
BlackRock Advisors (UK) Limited	28-Apr-16	yes	11.33	on mkt buy	ord	204	204
BlackRock Advisors (UK) Limited	28-Apr-16	yes	11.33	on mkt buy	ord	5,177	5,177
BlackRock Advisors (UK) Limited	28-Apr-16	yes	11.33	on mkt buy	ord	99	99
BlackRock Advisors (UK) Limited	28-Apr-16	yes	11.33	on mkt buy	ord	258	258
BlackRock Asset Management Canada Limited	28-Apr-16	yes	11.33	on mkt buy	ord	1,424	1,424
BlackRock Investment Management (Australia) Limited	28-Apr-16	yes	11.33	on mkt buy	ord	2,536	2,536
BlackRock Investment Management (Australia) Limited	28-Apr-16	yes	11.33	on mkt buy	ord	2,573	2,573
BlackRock Fund Advisors	28-Apr-16	no	n/a	in specie	ord	754	754
BlackRock Fund Advisors	29-Apr-16	no	n/a	in specie	ord	6,840	6,840

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			Cash	Non-cash			
BlackRock Institutional Trust Company, National Association	29-Apr-16	yes	11.25	on mkt buy	ord	1,422	1,422
BlackRock Fund Advisors	02-May-16	no	n/a	in specie	ord	3,091	3,091
BlackRock Investment Management (Australia) Limited	02-May-16	yes	10.90	on mkt buy	ord	5,613	5,613
BlackRock Investment Management (Australia) Limited	02-May-16	yes	10.90	on mkt buy	ord	2,131	2,131
BlackRock Investment Management (UK) Limited	03-May-16	yes	11.31	on mkt buy	ord	8,103	8,103
BlackRock Investment Management (UK) Limited	04-May-16	yes	11.18	on mkt buy	ord	2,353	2,353
BlackRock Investment Management (Australia) Limited	04-May-16	yes	11.22	on mkt buy	ord	9,271	9,271
BlackRock Investment Management (Australia) Limited	04-May-16	yes	11.21	on mkt buy	ord	1,498	1,498
BlackRock Fund Advisors	05-May-16	no	n/a	in specie	ord	1,131	1,131
BlackRock Investment Management (Australia) Limited	05-May-16	yes	11.33	on mkt buy	ord	93,787	93,787
BlackRock Advisors (UK) Limited	06-May-16	yes	11.30	on mkt buy	ord	971	971
BlackRock Fund Advisors	06-May-16	no	n/a	in specie	ord	1,150	1,150
BlackRock Investment Management (Australia) Limited	06-May-16	yes	11.22	on mkt buy	ord	35,293	35,293
BlackRock Institutional Trust Company, National Association	06-May-16	no	n/a	in specie	ord	13,014	13,014
BlackRock Advisors (UK) Limited	06-May-16	yes	11.30	on mkt buy	ord	198	198
BlackRock Advisors (UK) Limited	06-May-16	yes	11.30	on mkt buy	ord	896	896
BlackRock Investment Management (Australia) Limited	06-May-16	yes	11.22	on mkt buy	ord	2,561	2,561
BlackRock Investment Management (Australia) Limited	06-May-16	yes	11.22	on mkt buy	ord	8,938	8,938
BlackRock Fund Advisors	06-May-16	no	n/a	in specie	ord	6,978	6,978
BlackRock Advisors (UK) Limited	09-May-16	yes	11.25	on mkt buy	ord	3,635	3,635
BlackRock Fund Advisors	09-May-16	yes	11.32	on mkt buy	ord	1,477	1,477
BlackRock Investment Management (Australia) Limited	10-May-16	yes	11.35	on mkt buy	ord	32,523	32,523
BlackRock Investment Management (Australia) Limited	10-May-16	yes	11.35	on mkt buy	ord	15,104	15,104
BlackRock Investment Management (Australia) Limited	10-May-16	yes	11.35	on mkt buy	ord	2,613	2,613
BlackRock Investment Management (Australia) Limited	10-May-16	yes	11.35	on mkt buy	ord	5,863	5,863
BlackRock Investment Management, LLC	10-May-16	yes	11.30	on mkt buy	ord	2,424	2,424
BlackRock Investment Management (Australia) Limited	10-May-16	yes	11.35	on mkt buy	ord	24,595	24,595
BlackRock Fund Advisors	11-May-16	no	n/a	in specie	ord	969	969
BlackRock Investment Management (Australia) Limited	12-May-16	yes	11.43	on mkt buy	ord	81,601	81,601
BlackRock Advisors (UK) Limited	12-May-16	yes	11.48	on mkt buy	ord	516	516
BlackRock Investment Management (Australia) Limited	12-May-16	yes	11.43	on mkt buy	ord	6,256	6,256
BlackRock Advisors (UK) Limited	13-May-16	yes	11.32	on mkt buy	ord	5,082	5,082
BlackRock Fund Advisors	16-May-16	no	n/a	in specie	ord	8,550	8,550
BlackRock Investment Management (Australia) Limited	16-May-16	yes	11.40	on mkt buy	ord	83,332	83,332
BlackRock Investment Management (Australia) Limited	16-May-16	yes	11.40	on mkt buy	ord	6,394	6,394
BlackRock Fund Advisors	16-May-16	no	n/a	in specie	ord	2,639	2,639
BlackRock Fund Advisors	17-May-16	no	n/a	in specie	ord	1,150	1,150
BlackRock Fund Advisors	17-May-16	no	n/a	in specie	ord	1,615	1,615
BlackRock Fund Advisors	17-May-16	no	n/a	in specie	ord	3,876	3,876
BlackRock Advisors (UK) Limited	18-May-16	yes	11.33	on mkt buy	ord	58	58
BlackRock Investment Management (Australia) Limited	18-May-16	yes	11.43	on mkt buy	ord	52,271	52,271
BlackRock Investment Management (Australia) Limited	18-May-16	yes	11.43	on mkt buy	ord	4,304	4,304
BlackRock Fund Advisors	18-May-16	no	n/a	in specie	ord	1,615	1,615
BlackRock Investment Management (Australia) Limited	20-May-16	yes	11.38	on mkt buy	ord	9,547	9,547
BlackRock Investment Management (Australia) Limited	20-May-16	yes	11.38	on mkt buy	ord	741	741

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			Cash	Non-cash			
BlackRock Investment Management (Australia) Limited	20-May-16	yes	11.38	on mkt buy	ord	2,705	2,705
BlackRock Advisors (UK) Limited	23-May-16	yes	11.50	on mkt buy	ord	199	199
BlackRock Financial Management, Inc.	24-May-16	no	n/a	in specie	ord	30,982	30,982
BlackRock Investment Management (Australia) Limited	25-May-16	yes	11.69	on mkt buy	ord	37,926	37,926
BlackRock Advisors (UK) Limited	26-May-16	yes	11.69	on mkt buy	ord	260	260
BlackRock Investment Management (Australia) Limited	26-May-16	yes	11.69	on mkt buy	ord	2,698	2,698
BlackRock Investment Management (Australia) Limited	26-May-16	yes	11.69	on mkt buy	ord	17,342	17,342
BlackRock Advisors (UK) Limited	27-May-16	yes	11.69	on mkt buy	ord	17,520	17,520
BlackRock Investment Management (Australia) Limited	30-May-16	yes	11.71	on mkt buy	ord	13,796	13,796
BlackRock Investment Management (Australia) Limited	30-May-16	yes	11.71	on mkt buy	ord	7,299	7,299
BlackRock Investment Management (Australia) Limited	30-May-16	yes	11.71	on mkt buy	ord	950	950
BlackRock Investment Management (Australia) Limited	30-May-16	yes	11.71	on mkt buy	ord	52,645	52,645
BlackRock Investment Management, LLC	31-May-16	yes	11.63	on mkt buy	ord	1,237	1,237
BlackRock Fund Advisors	31-May-16	yes	11.63	on mkt buy	ord	13,552	13,552
BlackRock Fund Advisors	31-May-16	yes	11.63	on mkt buy	ord	3,500	3,500
BlackRock Fund Advisors	31-May-16	yes	11.63	on mkt buy	ord	414	414
BlackRock Advisors (UK) Limited	31-May-16	yes	11.63	on mkt buy	ord	5,506	5,506
BlackRock Institutional Trust Company, National Association	31-May-16	yes	11.63	on mkt buy	ord	5,327	5,327
BlackRock Japan Co., Ltd.	31-May-16	yes	11.63	on mkt buy	ord	217	217
BlackRock Investment Management (UK) Limited	31-May-16	yes	11.63	on mkt buy	ord	1,778	1,778
BlackRock Advisors (UK) Limited	31-May-16	yes	11.63	on mkt buy	ord	1,186	1,186
BlackRock Advisors (UK) Limited	31-May-16	no	n/a	in specie	ord	12,477	12,477
BlackRock Japan Co., Ltd.	31-May-16	yes	11.63	on mkt buy	ord	1,150	1,150
BlackRock Investment Management (Australia) Limited	01-Jun-16	yes	11.36	on mkt buy	ord	32,250	32,250
BlackRock Advisors (UK) Limited	01-Jun-16	yes	11.33	on mkt buy	ord	100	100
BlackRock Advisors (UK) Limited	01-Jun-16	yes	11.33	on mkt buy	ord	100	100
BlackRock Fund Advisors	01-Jun-16	yes	11.33	on mkt buy	ord	2,971	2,971
BlackRock Advisors (UK) Limited	01-Jun-16	yes	11.33	on mkt buy	ord	730	730
BlackRock Investment Management (Australia) Limited	01-Jun-16	yes	11.36	on mkt buy	ord	2,463	2,463
BlackRock Investment Management (Australia) Limited	01-Jun-16	yes	11.36	on mkt buy	ord	60,498	60,498
BlackRock Investment Management (Australia) Limited	02-Jun-16	yes	11.04	on mkt buy	ord	6,249	6,249
BlackRock Investment Management (Australia) Limited	02-Jun-16	yes	11.04	on mkt buy	ord	478	478
BlackRock Fund Advisors	02-Jun-16	no	n/a	in specie	ord	724	724
BlackRock Investment Management (Australia) Limited	02-Jun-16	yes	11.04	on mkt buy	ord	11,723	11,723
BlackRock Fund Advisors	02-Jun-16	no	n/a	in specie	ord	8,555	8,555
BlackRock Investment Management (Australia) Limited	03-Jun-16	yes	11.00	on mkt buy	ord	10,795	10,795
BlackRock Advisors (UK) Limited	03-Jun-16	yes	11.00	on mkt buy	ord	730	730
BlackRock Investment Management (Australia) Limited	03-Jun-16	yes	11.00	on mkt buy	ord	788	788
BlackRock Fund Advisors	06-Jun-16	no	n/a	in specie	ord	12,650	12,650
BlackRock Fund Advisors	06-Jun-16	no	n/a	in specie	ord	3,422	3,422
BlackRock Fund Advisors	06-Jun-16	no	n/a	in specie	ord	2,172	2,172
BlackRock Fund Advisors	07-Jun-16	no	n/a	in specie	ord	8,555	8,555
BlackRock Investment Management (Australia) Limited	07-Jun-16	yes	11.10	on mkt buy	ord	7,475	7,475
BlackRock Investment Management (Australia) Limited	07-Jun-16	yes	11.10	on mkt buy	ord	674	674
BlackRock Fund Advisors	08-Jun-16	no	n/a	in specie	ord	3,422	3,422
BlackRock Fund Advisors	08-Jun-16	no	n/a	in specie	ord	3,422	3,422
BlackRock Investment Management (Australia) Limited	09-Jun-16	yes	11.06	on mkt buy	ord	16,744	16,744
BlackRock Investment Management (Australia) Limited	09-Jun-16	yes	11.06	on mkt buy	ord	1,552	1,552

Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed fin'l mkt		Consideration		Class and number of securities affected	Person's votes affected	
			Cash	Non-cash			
BlackRock Fund Advisors	10-Jun-16	no	n/a	in specie	ord	1,150	1,150
BlackRock Fund Advisors	10-Jun-16	no	n/a	in specie	ord	5,133	5,133
BlackRock Fund Advisors	10-Jun-16	no	n/a	in specie	ord	6,844	6,844
BlackRock Advisors (UK) Limited	10-Jun-16	yes	10.90	on mkt buy	ord	130	130
BlackRock Advisors (UK) Limited	10-Jun-16	yes	10.90	on mkt buy	ord	6,579	6,579
BlackRock Fund Advisors	14-Jun-16	no	n/a	in specie	ord	5,133	5,133
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	10.61	on mkt buy	ord	61,072	61,072
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	10.61	on mkt buy	ord	5,282	5,282
BlackRock (Singapore) Limited	14-Jun-16	no	n/a	in specie	ord	4,697	4,697
BlackRock International Limited	15-Jun-16	yes	10.60	on mkt buy	ord	971	971
BlackRock Institutional Trust Company, National Association	15-Jun-16	yes	10.62	on mkt buy	ord	742	742
BlackRock Financial Management, Inc.	15-Jun-16	yes	10.60	on mkt buy	ord	3,756	3,756
BlackRock Investment Management, LLC	15-Jun-16	yes	10.60	on mkt buy	ord	857	857
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	10.46	on mkt buy	ord	29,138	29,138
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	10.46	on mkt buy	ord	2,800	2,800
BlackRock Institutional Trust Company, National Association	17-Jun-16	yes	10.45	on mkt buy	ord	23,237	23,237
BlackRock Advisors (UK) Limited	17-Jun-16	yes	10.45	on mkt buy	ord	3,650	3,650
BlackRock Investment Management (UK) Limited	17-Jun-16	yes	10.45	on mkt buy	ord	49,823	49,823
BlackRock Investment Management (UK) Limited	17-Jun-16	yes	10.45	on mkt buy	ord	7,821	7,821
BlackRock Asset Management Canada Limited	17-Jun-16	yes	10.45	on mkt buy	ord	5,602	5,602
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	10.74	on mkt buy	ord	60,725	60,725
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	10.74	on mkt buy	ord	20,623	20,623
BlackRock Advisors (UK) Limited	20-Jun-16	yes	10.77	on mkt buy	ord	2,920	2,920
BlackRock Advisors (UK) Limited	20-Jun-16	yes	10.72	on mkt buy	ord	7,300	7,300
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	10.74	on mkt buy	ord	4,876	4,876
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	10.74	on mkt buy	ord	1,446	1,446
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	10.74	on mkt buy	ord	1,098	1,098
BlackRock Advisors (UK) Limited	20-Jun-16	yes	10.77	on mkt buy	ord	1,087	1,087
BlackRock Investment Management (UK) Limited	20-Jun-16	no	n/a	in specie	ord	33,909	33,909
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	10.74	on mkt buy	ord	24,525	24,525
BlackRock Financial Management, Inc.	21-Jun-16	yes	10.92	on mkt buy	ord	11,622	11,622
BlackRock Financial Management, Inc.	21-Jun-16	yes	10.92	on mkt buy	ord	5,209	5,209
BlackRock Institutional Trust Company, National Association	21-Jun-16	yes	10.92	on mkt buy	ord	9,688	9,688
BlackRock Investment Management (Australia) Limited	21-Jun-16	yes	10.92	on mkt buy	ord	83,482	83,482
BlackRock Investment Management (Australia) Limited	21-Jun-16	yes	10.92	on mkt buy	ord	28,351	28,351
BlackRock Institutional Trust Company, National Association	21-Jun-16	yes	10.92	on mkt buy	ord	5,414	5,414
BlackRock Institutional Trust Company, National Association	21-Jun-16	yes	10.92	on mkt buy	ord	6,882	6,882
BlackRock Institutional Trust Company, National Association	21-Jun-16	yes	10.92	on mkt buy	ord	6,167	6,167
BlackRock Institutional Trust Company, National Association	21-Jun-16	yes	10.95	on mkt buy	ord	8,579	8,579
BlackRock Investment Management (Australia) Limited	21-Jun-16	yes	10.92	on mkt buy	ord	6,703	6,703
BlackRock Investment Management (Australia) Limited	21-Jun-16	yes	10.92	on mkt buy	ord	1,987	1,987
BlackRock Investment Management (Australia) Limited	21-Jun-16	yes	10.92	on mkt buy	ord	1,511	1,511
BlackRock Investment Management (Australia) Limited	21-Jun-16	yes	10.92	on mkt buy	ord	33,716	33,716

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			Cash	Non-cash			
BlackRock Advisors (UK) Limited	22-Jun-16	yes	10.93	on mkt buy	ord	1,993	1,993
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.92	on mkt buy	ord	3,219	3,219
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.95	on mkt buy	ord	95,971	95,971
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.92	on mkt buy	ord	1,687	1,687
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.95	on mkt buy	ord	50,311	50,311
BlackRock Institutional Trust Company, National Association	22-Jun-16	yes	10.93	on mkt buy	ord	3,126	3,126
BlackRock Advisors (UK) Limited	22-Jun-16	yes	10.93	on mkt buy	ord	1,117	1,117
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.95	on mkt buy	ord	10,001	10,001
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.92	on mkt buy	ord	280	280
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.95	on mkt buy	ord	8,358	8,358
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.92	on mkt buy	ord	240	240
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.95	on mkt buy	ord	7,158	7,158
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.92	on mkt buy	ord	2,410	2,410
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	10.95	on mkt buy	ord	71,849	71,849
BlackRock Financial Management, Inc.	23-Jun-16	yes	10.83	on mkt buy	ord	11,307	11,307
BlackRock Financial Management, Inc.	23-Jun-16	yes	10.83	on mkt buy	ord	5,189	5,189
BlackRock Institutional Trust Company, National Association	23-Jun-16	yes	10.83	on mkt buy	ord	9,167	9,167
BlackRock Financial Management, Inc.	23-Jun-16	yes	10.87	on mkt buy	ord	841	841
BlackRock Financial Management, Inc.	23-Jun-16	yes	10.83	on mkt buy	ord	13,778	13,778
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	10,441	10,441
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	25,589	25,589
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	74,559	74,559
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	7,663	7,663
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	38,924	38,924
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	1,003	1,003
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	19,332	19,332
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	6,150	6,150
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	12,647	12,647
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	10.49	on mkt buy	ord	52,961	52,961
BlackRock Advisors (UK) Limited	27-Jun-16	yes	10.36	on mkt buy	ord	197	197
BlackRock Advisors (UK) Limited	27-Jun-16	yes	10.36	on mkt buy	ord	1,087	1,087
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	5,520	5,520
BlackRock Advisors (UK) Limited	28-Jun-16	yes	10.37	on mkt buy	ord	340	340
BlackRock Advisors (UK) Limited	28-Jun-16	yes	10.37	on mkt buy	ord	748	748
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	45,893	45,893
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	4,381	4,381
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	19,387	19,387
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.37	on mkt buy	ord	352	352
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	9,272	9,272
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	4,035	4,035

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			Cash	Non-cash			
BlackRock Fund Advisors	28-Jun-16	no	n/a	in specie	ord	718	718
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	3,128	3,128
BlackRock Advisors (UK) Limited	28-Jun-16	yes	10.37	on mkt buy	ord	1,090	1,090
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	10.28	on mkt buy	ord	11,295	11,295
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	1,529	1,529
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	12,711	12,711
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	1,213	1,213
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	5,370	5,370
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.39	on mkt buy	ord	441	441
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	2,568	2,568
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	1,118	1,118
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	867	867
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	10.43	on mkt buy	ord	3,128	3,128
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	5,132	5,132
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	41,292	41,292
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	5,324	5,324
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	26,746	26,746
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	10.59	on mkt buy	ord	10,817	10,817
BlackRock Advisors (UK) Limited	30-Jun-16	yes	10.59	on mkt buy	ord	3,650	3,650
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	10.59	on mkt buy	ord	1,966	1,966
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	8,615	8,615
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	4,123	4,123
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	3,076	3,076
BlackRock Financial Management, Inc.	30-Jun-16	yes	10.52	on mkt buy	ord	19,475	19,475
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	10.56	on mkt buy	ord	50,090	50,090
BlackRock Advisors (UK) Limited	01-Jul-16	yes	10.48	on mkt buy	ord	340	340
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	11,558	11,558
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	86,902	86,902
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	8,202	8,202
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	18,504	18,504
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	4,032	4,032
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	6,979	6,979
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	10.31	on mkt buy	ord	64,272	64,272
BlackRock Institutional Trust Company, National Association	05-Jul-16	no	n/a	in specie	ord	2,570	2,570
BlackRock Financial Management, Inc.	05-Jul-16	yes	10.26	on mkt buy	ord	192,421	192,421
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	1,238	1,238
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	7,040	7,040
BlackRock Fund Advisors	06-Jul-16	yes	10.10	on mkt buy	ord	2,887	2,887

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 Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	6,291	6,291
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	35,719	35,719
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	9,384	9,384
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	53,285	53,285
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	966	966
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	5,489	5,489
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	4,536	4,536
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	25,752	25,752
BlackRock Advisors (UK) Limited	06-Jul-16	yes	10.10	on mkt buy	ord	735	735
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	731	731
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	4,155	4,155
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	2,183	2,183
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	12,394	12,394
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	495	495
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	2,814	2,814
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	971	971
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	5,522	5,522
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	3,205	3,205
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	10.08	on mkt buy	ord	18,204	18,204
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	4,547	4,547
BlackRock Investment Management (UK) Limited	07-Jul-16	yes	10.08	on mkt buy	ord	1,097	1,097
BlackRock Fund Advisors	07-Jul-16	yes	10.19	on mkt buy	ord	3,287	3,287
BlackRock Fund Advisors	07-Jul-16	yes	10.19	on mkt buy	ord	2,610	2,610
BlackRock Advisors (UK) Limited	07-Jul-16	yes	10.08	on mkt buy	ord	136	136
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	23,056	23,056
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	34,399	34,399
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	3,548	3,548
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	16,623	16,623
BlackRock Advisors (UK) Limited	07-Jul-16	yes	10.08	on mkt buy	ord	1,462	1,462
BlackRock Advisors (UK) Limited	07-Jul-16	yes	10.08	on mkt buy	ord	110	110
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	2,685	2,685
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	8,000	8,000
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	1,822	1,822
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	3,568	3,568
BlackRock Investment Management (Australia) Limited	07-Jul-16	yes	10.11	on mkt buy	ord	11,752	11,752
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	6,106	6,106
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	44,414	44,414
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	43,706	43,706

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	08-Jul-16	yes	10.05	on mkt buy	ord	4,178	4,178
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	26,267	26,267
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	5,631	5,631
BlackRock Investment Management (UK) Limited	08-Jul-16	yes	10.03	on mkt buy	ord	10,924	10,924
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	12,211	12,211
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	3,839	3,839
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	3,982	3,982
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	10.05	on mkt buy	ord	40,510	40,510
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	1,497	1,497
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	10,881	10,881
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	10,708	10,708
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	1,024	1,024
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	6,435	6,435
BlackRock Fund Advisors	11-Jul-16	yes	10.24	on mkt buy	ord	6,190	6,190
BlackRock Advisors (UK) Limited	11-Jul-16	yes	10.24	on mkt buy	ord	1,470	1,470
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	1,380	1,380
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	2,991	2,991
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	941	941
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	976	976
BlackRock Investment Management (Australia) Limited	11-Jul-16	yes	10.23	on mkt buy	ord	9,925	9,925
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	8,401	8,401
BlackRock Advisors (UK) Limited	12-Jul-16	yes	10.38	on mkt buy	ord	816	816
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	101,100	101,100
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	62,108	62,108
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	5,706	5,706
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	30,307	30,307
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	2,508	2,508
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	13,581	13,581
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	3,939	3,939
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	10.48	on mkt buy	ord	1,498	1,498
BlackRock Advisors (UK) Limited	13-Jul-16	yes	10.44	on mkt buy	ord	2,940	2,940
BlackRock Financial Management, Inc.	13-Jul-16	yes	10.44	on mkt buy	ord	37,828	37,828
BlackRock Advisors (UK) Limited	14-Jul-16	yes	10.41	on mkt buy	ord	222	222
BlackRock Investment Management (Australia) Limited	15-Jul-16	yes	10.56	on mkt buy	ord	4,721	4,721
BlackRock Advisors (UK) Limited	15-Jul-16	yes	10.46	on mkt buy	ord	2,374	2,374
BlackRock Fund Advisors	15-Jul-16	yes	10.46	on mkt buy	ord	3,148	3,148
BlackRock Fund Advisors	18-Jul-16	yes	10.48	on mkt buy	ord	13,696	13,696
BlackRock Fund Advisors	18-Jul-16	no	n/a	in specie	ord	9,255	9,255
BlackRock Investment Management (Australia) Limited	18-Jul-16	yes	10.45	on mkt buy	ord	4,236	4,236
BlackRock Investment Management (Australia) Limited	18-Jul-16	yes	10.45	on mkt buy	ord	367	367

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	18-Jul-16	yes	10.45	on mkt buy	ord	780	780
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	10.27	on mkt buy	ord	665	665
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	10.27	on mkt buy	ord	28,970	28,970
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	10.27	on mkt buy	ord	5,725	5,725
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	10.27	on mkt buy	ord	4,250	4,250
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	10.27	on mkt buy	ord	2,107	2,107
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	10.27	on mkt buy	ord	2,603	2,603
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	3,426	3,426
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	9,745	9,745
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	29,912	29,912
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	1,112	1,112
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	11,899	11,899
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	993	993
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	6,541	6,541
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	1,854	1,854
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	1,409	1,409
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	10.54	on mkt buy	ord	18,600	18,600
BlackRock Advisors (UK) Limited	25-Jul-16	yes	10.61	on mkt buy	ord	1,093	1,093
BlackRock Institutional Trust Company, National Association	25-Jul-16	no	n/a	in specie	ord	9,216	9,216
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	3,607	3,607
BlackRock Advisors (UK) Limited	26-Jul-16	yes	10.50	on mkt buy	ord	972	972
BlackRock Fund Advisors	26-Jul-16	no	n/a	in specie	ord	30,850	30,850
BlackRock Advisors (UK) Limited	26-Jul-16	yes	10.55	on mkt buy	ord	68	68
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	18,553	18,553
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	29,833	29,833
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	2,962	2,962
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	4,469	4,469
BlackRock Advisors (UK) Limited	26-Jul-16	yes	10.50	on mkt buy	ord	1,464	1,464
BlackRock Advisors (UK) Limited	26-Jul-16	yes	10.55	on mkt buy	ord	4,392	4,392
BlackRock Advisors (UK) Limited	26-Jul-16	yes	10.54	on mkt buy	ord	6,588	6,588
BlackRock Advisors (UK) Limited	26-Jul-16	yes	10.55	on mkt buy	ord	8,052	8,052
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	1,091	1,091
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	8,648	8,648
BlackRock Investment Management (Australia) Limited	26-Jul-16	yes	10.51	on mkt buy	ord	3,056	3,056

Annexure C

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

Kayla McGrory,
Authorised Signatory

28-Jul-16
Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (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)