

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.

14-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 897	897	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 8,319	8,319	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 2,051	2,051	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 159,853	159,853	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 3,305	3,305	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 33,314	33,314	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 15,640	15,640	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 13,179	13,179	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 134,668	134,668	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 273	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.	UBS- UBS- ZURICH		ord 1,090	1,090	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 22,919	22,919	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 4,132	4,132	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 25,738	25,738	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC, HONG KONG		ord 292	292	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 82	82	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ord 1,452	1,452	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 277	277	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 12,210	12,210	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 1,474	1,474	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 3,541	3,541	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 4,569	4,569	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 13,763	13,763	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 3,310	3,310	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 2,462	2,462	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 9,995	9,995	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 3,188	3,188	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 592,298	592,298	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 15,487	15,487	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ord 59,610	59,610	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 34,102	34,102	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 21,612	21,612	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 2,285	2,285	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 48,649	48,649	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 31,798	31,798	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 4,103	4,103	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET LONDON		ord 4,036	4,036	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 682,520	682,520	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 4,789	4,789	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 23,637	23,637	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 504	504	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 1,920	1,920	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 11,751	11,751	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 2,028	2,028	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 179,750	179,750	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 8,186	8,186	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS- UBS- ZURICH		ord 80,638	80,638	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 8,408	8,408	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 2,149	2,149	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 12,495	12,495	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 23,707	23,707	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 371	371	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 55,667	55,667	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 6,228	6,228	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 4,279	4,279	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.	NT-NORTHERN TRUST CO. - CHICAGO		ord 2,966	2,966	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ord 712	712	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 1,073	1,073	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 12,652	12,652	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 4,672	4,672	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET LONDON		ord 29,299	29,299	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ord 28,761	28,761	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 41,250	41,250	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 2,383	2,383	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 3,057	3,057	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 730	730	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 721	721	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 67,509	67,509	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 267	267	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 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 held in its capacity as investment manager.	CITI-Citigroup Australia - SYDNEY		ord 6,906	6,906	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 53,538	53,538	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 57,763	57,763	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	UBS- UBS- ZURICH		ord 6,624	6,624	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 149,869	149,869	subsidiary of BlackRock Inc.

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

14-Oct-16

Kayla McGroary,
Authorised Signatory

Date**5. Consideration**

COCHLEAR LTD (COH)								
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	14-Jun-16	no	n/a	in specie	ord	780	780	
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	121.72	on mkt buy	ord	316	316	
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	121.72	on mkt buy	ord	7,893	7,893	
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	121.72	on mkt buy	ord	634	634	
BlackRock Advisors (UK) Limited	14-Jun-16	yes	122.00	on mkt buy	ord	306	306	
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	121.72	on mkt buy	ord	642	642	
BlackRock (Singapore) Limited	14-Jun-16	no	n/a	in specie	ord	1,732	1,732	
BlackRock Investment Management (Australia) Limited	14-Jun-16	yes	121.72	on mkt buy	ord	38	38	
BlackRock Asset Management North Asia Limited	15-Jun-16	yes	122.80	on mkt buy	ord	243	243	
BlackRock Financial Management, Inc.	16-Jun-16	yes	122.37	on mkt buy	ord	1,188	1,188	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	122.37	on mkt buy	ord	135	135	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	122.37	on mkt buy	ord	1,480	1,480	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	122.37	on mkt buy	ord	195	195	
BlackRock Asset Management Canada Limited	16-Jun-16	yes	122.37	on mkt buy	ord	195	195	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	122.37	on mkt buy	ord	1,236	1,236	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	122.37	on mkt buy	ord	2,117	2,117	
BlackRock Investment Management (Australia) Limited	16-Jun-16	yes	122.37	on mkt buy	ord	626	626	
BlackRock Fund Advisors	17-Jun-16	yes	122.31	on mkt buy	ord	314	314	
BlackRock Advisors (UK) Limited	17-Jun-16	yes	122.33	on mkt buy	ord	555	555	
BlackRock Fund Advisors	17-Jun-16	no	n/a	in specie	ord	876	876	
BlackRock Investment Management (UK) Limited	17-Jun-16	yes	122.33	on mkt buy	ord	701	701	
BlackRock Asset Management Canada Limited	17-Jun-16	yes	122.33	on mkt buy	ord	1,716	1,716	
BlackRock Advisors (UK) Limited	20-Jun-16	yes	120.20	on mkt buy	ord	444	444	
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	120.44	on mkt buy	ord	1,364	1,364	
BlackRock Investment Management (UK) Limited	20-Jun-16	no	n/a	in specie	ord	5,330	5,330	
BlackRock Advisors (UK) Limited	20-Jun-16	yes	120.62	on mkt buy	ord	1,110	1,110	
BlackRock Investment Management (Australia) Limited	20-Jun-16	yes	120.44	on mkt buy	ord	365	365	
BlackRock Advisors (UK) Limited	20-Jun-16	yes	120.20	on mkt buy	ord	99	99	
BlackRock Institutional Trust Company, National Association	22-Jun-16	yes	121.09	on mkt buy	ord	9,934	9,934	
BlackRock Investment Management (UK) Limited	22-Jun-16	yes	122.38	on mkt buy	ord	70	70	
BlackRock Advisors (UK) Limited	22-Jun-16	yes	121.02	on mkt buy	ord	510	510	
BlackRock Institutional Trust Company, National Association	22-Jun-16	yes	121.09	on mkt buy	ord	281	281	
BlackRock Investment Management (UK) Limited	22-Jun-16	yes	122.38	on mkt buy	ord	1,085	1,085	
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	121.29	on mkt buy	ord	95	95	

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 Advisors (UK) Limited	22-Jun-16	yes	121.09	on mkt buy	ord	168	168
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	121.29	on mkt buy	ord	1,868	1,868
BlackRock Advisors (UK) Limited	22-Jun-16	yes	121.09	on mkt buy	ord	209	209
BlackRock Investment Management (Australia) Limited	22-Jun-16	yes	121.29	on mkt buy	ord	124	124
BlackRock Advisors (UK) Limited	22-Jun-16	yes	121.02	on mkt buy	ord	46	46
BlackRock Institutional Trust Company, National Association	22-Jun-16	yes	121.09	on mkt buy	ord	2,343	2,343
BlackRock Advisors (UK) Limited	22-Jun-16	yes	121.02	on mkt buy	ord	44	44
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	218	218
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	5,737	5,737
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	591	591
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	28	28
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	612	612
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	271	271
BlackRock Investment Management (Australia) Limited	24-Jun-16	yes	120.71	on mkt buy	ord	2,493	2,493
BlackRock Advisors (UK) Limited	27-Jun-16	yes	120.25	on mkt buy	ord	99	99
BlackRock Advisors (UK) Limited	27-Jun-16	yes	120.25	on mkt buy	ord	31	31
BlackRock Fund Advisors	28-Jun-16	yes	118.44	on mkt buy	ord	580	580
BlackRock Advisors (UK) Limited	28-Jun-16	yes	118.44	on mkt buy	ord	70	70
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	119.09	on mkt buy	ord	443	443
BlackRock Fund Advisors	28-Jun-16	no	n/a	in specie	ord	27	27
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	119.09	on mkt buy	ord	199	199
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	119.09	on mkt buy	ord	266	266
BlackRock Advisors (UK) Limited	28-Jun-16	yes	118.44	on mkt buy	ord	90	90
BlackRock Advisors (UK) Limited	28-Jun-16	yes	118.44	on mkt buy	ord	45	45
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	119.09	on mkt buy	ord	450	450
BlackRock Advisors (UK) Limited	28-Jun-16	yes	118.44	on mkt buy	ord	154	154
BlackRock Investment Management (Australia) Limited	28-Jun-16	yes	119.09	on mkt buy	ord	60	60
BlackRock Advisors (UK) Limited	28-Jun-16	yes	118.44	on mkt buy	ord	99	99
BlackRock Fund Advisors	28-Jun-16	no	n/a	in specie	ord	126	126
BlackRock Japan Co., Ltd.	29-Jun-16	yes	119.20	on mkt buy	ord	124	124
BlackRock Investment Management (Australia) Limited	29-Jun-16	yes	119.69	on mkt buy	ord	68	68
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	121.49	on mkt buy	ord	169	169
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	121.25	on mkt buy	ord	1,050	1,050
BlackRock Fund Advisors	30-Jun-16	no	n/a	in specie	ord	498	498
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	121.25	on mkt buy	ord	142	142
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	121.49	on mkt buy	ord	128	128
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	121.25	on mkt buy	ord	1,337	1,337
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	121.49	on mkt buy	ord	86	86
BlackRock Investment Management (UK) Limited	30-Jun-16	yes	121.25	on mkt buy	ord	324	324
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	121.49	on mkt buy	ord	161	161
BlackRock Institutional Trust Company, National Association	30-Jun-16	yes	121.25	on mkt buy	ord	947	947
BlackRock Investment Management (Australia) Limited	30-Jun-16	yes	121.49	on mkt buy	ord	1,079	1,079
BlackRock Investment Management, LLC	30-Jun-16	yes	121.25	on mkt buy	ord	976	976
BlackRock Advisors (UK) Limited	30-Jun-16	yes	121.25	on mkt buy	ord	555	555

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 Advisors (UK) Limited	01-Jul-16	yes	121.29	on mkt buy	ord	92	92
BlackRock Advisors (UK) Limited	01-Jul-16	yes	121.29	on mkt buy	ord	306	306
BlackRock Advisors (UK) Limited	01-Jul-16	yes	121.29	on mkt buy	ord	70	70
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	585	585
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	254	254
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	1,369	1,369
BlackRock Investment Management (UK) Limited	04-Jul-16	yes	122.53	on mkt buy	ord	3,531	3,531
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	451	451
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	285	285
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	3,488	3,488
BlackRock Investment Management (Australia) Limited	04-Jul-16	yes	122.77	on mkt buy	ord	331	331
BlackRock Advisors (UK) Limited	05-Jul-16	yes	121.74	on mkt buy	ord	44	44
BlackRock Institutional Trust Company, National Association	05-Jul-16	no	n/a	in specie	ord	388	388
BlackRock Advisors (UK) Limited	05-Jul-16	yes	121.74	on mkt buy	ord	46	46
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	121.72	on mkt buy	ord	597	597
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	126	126
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	163	163
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	1,426	1,426
BlackRock Institutional Trust Company, National Association	06-Jul-16	yes	121.72	on mkt buy	ord	1,855	1,855
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	148	148
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	130	130
BlackRock Fund Advisors	06-Jul-16	yes	121.19	on mkt buy	ord	5,136	5,136
BlackRock Fund Advisors	06-Jul-16	yes	121.72	on mkt buy	ord	656	656
BlackRock Advisors (UK) Limited	06-Jul-16	yes	121.72	on mkt buy	ord	112	112
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	512	512
BlackRock Advisors (UK) Limited	06-Jul-16	yes	121.72	on mkt buy	ord	46	46
BlackRock Fund Advisors	06-Jul-16	yes	121.19	on mkt buy	ord	1,038	1,038
BlackRock Investment Management (Australia) Limited	06-Jul-16	yes	121.31	on mkt buy	ord	1,445	1,445
BlackRock Fund Advisors	07-Jul-16	no	n/a	in specie	ord	249	249
BlackRock Investment Management (UK) Limited	07-Jul-16	yes	121.83	on mkt buy	ord	72	72
BlackRock Fund Advisors	07-Jul-16	no	n/a	in specie	ord	66	66
BlackRock Advisors (UK) Limited	07-Jul-16	yes	121.83	on mkt buy	ord	222	222
BlackRock Fund Advisors	07-Jul-16	yes	121.37	on mkt buy	ord	225	225
BlackRock Fund Advisors	07-Jul-16	yes	121.37	on mkt buy	ord	346	346
BlackRock Advisors (UK) Limited	07-Jul-16	yes	121.83	on mkt buy	ord	23	23
BlackRock Advisors (UK) Limited	07-Jul-16	yes	121.83	on mkt buy	ord	28	28
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	76	76
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	30	30
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	290	290
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	38	38
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	22	22
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	502	502
BlackRock Investment Management (Australia) Limited	08-Jul-16	yes	121.55	on mkt buy	ord	183	183

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	121.55	on mkt buy	ord	360	360
BlackRock Investment Management (UK) Limited	08-Jul-16	yes	121.30	on mkt buy	ord	909	909
BlackRock Advisors (UK) Limited	11-Jul-16	yes	123.19	on mkt buy	ord	224	224
BlackRock Institutional Trust Company, National Association	11-Jul-16	yes	123.19	on mkt buy	ord	1,845	1,845
BlackRock Fund Advisors	11-Jul-16	yes	123.19	on mkt buy	ord	394	394
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	685	685
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	1,692	1,692
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	82	82
BlackRock Advisors (UK) Limited	12-Jul-16	yes	124.43	on mkt buy	ord	168	168
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	235	235
BlackRock Japan Co., Ltd.	12-Jul-16	yes	124.43	on mkt buy	ord	98	98
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	3,020	3,020
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	538	538
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	3,571	3,571
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	253	253
BlackRock Investment Management (Australia) Limited	12-Jul-16	yes	124.05	on mkt buy	ord	301	301
BlackRock Advisors, LLC	13-Jul-16	yes	124.29	on mkt buy	ord	438	438
BlackRock Advisors (UK) Limited	13-Jul-16	yes	123.96	on mkt buy	ord	448	448
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	1,581	1,581
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	240	240
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	263	263
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	328	328
BlackRock Advisors (UK) Limited	14-Jul-16	yes	126.00	on mkt buy	ord	46	46
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	196	196
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	227	227
BlackRock Investment Management (Australia) Limited	14-Jul-16	yes	125.94	on mkt buy	ord	3,107	3,107
BlackRock Advisors (UK) Limited	15-Jul-16	yes	124.77	on mkt buy	ord	245	245
BlackRock Investment Management (Australia) Limited	15-Jul-16	yes	125.02	on mkt buy	ord	390	390
BlackRock Fund Advisors	18-Jul-16	no	n/a	in specie	ord	1,407	1,407
BlackRock Financial Management, Inc.	20-Jul-16	yes	125.37	on mkt buy	ord	407	407
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	125.37	on mkt buy	ord	1,436	1,436
BlackRock Fund Advisors	20-Jul-16	no	n/a	in specie	ord	100	100
BlackRock Investment Management (Australia) Limited	20-Jul-16	yes	125.37	on mkt buy	ord	116	116
BlackRock Financial Management, Inc.	22-Jul-16	yes	128.85	on mkt buy	ord	266	266
BlackRock Investment Management (Australia) Limited	22-Jul-16	yes	128.64	on mkt buy	ord	27	27
BlackRock Advisors (UK) Limited	25-Jul-16	yes	129.30	on mkt buy	ord	46	46
BlackRock Advisors (UK) Limited	25-Jul-16	yes	129.30	on mkt buy	ord	510	510
BlackRock Advisors (UK) Limited	25-Jul-16	yes	129.30	on mkt buy	ord	100	100
BlackRock Advisors (UK) Limited	26-Jul-16	yes	129.39	on mkt buy	ord	999	999
BlackRock Advisors (UK) Limited	26-Jul-16	yes	128.73	on mkt buy	ord	149	149
BlackRock Advisors (UK) Limited	26-Jul-16	yes	129.81	on mkt buy	ord	1,221	1,221
BlackRock (Singapore) Limited	26-Jul-16	yes	128.70	on mkt buy	ord	319	319
BlackRock Advisors (UK) Limited	26-Jul-16	yes	128.73	on mkt buy	ord	222	222
BlackRock Advisors (UK) Limited	26-Jul-16	yes	129.81	on mkt buy	ord	666	666
BlackRock Fund Advisors	26-Jul-16	no	n/a	in specie	ord	498	498
BlackRock Advisors (UK) Limited	26-Jul-16	yes	129.81	on mkt buy	ord	14	14
BlackRock Fund Advisors	26-Jul-16	no	n/a	in specie	ord	4,690	4,690

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 Advisors (UK) Limited	27-Jul-16	yes	129.62	on mkt buy	ord	555	555
BlackRock Advisors (UK) Limited	27-Jul-16	no	n/a	in specie	ord	18,870	18,870
BlackRock Fund Advisors	27-Jul-16	no	n/a	in specie	ord	1,876	1,876
BlackRock Advisors (UK) Limited	27-Jul-16	yes	129.62	on mkt buy	ord	1,110	1,110
BlackRock Advisors (UK) Limited	28-Jul-16	yes	130.33	on mkt buy	ord	238	238
BlackRock Advisors (UK) Limited	28-Jul-16	yes	130.33	on mkt buy	ord	1,110	1,110
BlackRock Advisors (UK) Limited	28-Jul-16	yes	130.33	on mkt buy	ord	777	777
BlackRock Advisors (UK) Limited	28-Jul-16	yes	130.33	on mkt buy	ord	999	999
BlackRock Advisors (UK) Limited	29-Jul-16	yes	132.73	on mkt buy	ord	336	336
BlackRock Institutional Trust Company, National Association	29-Jul-16	yes	132.73	on mkt buy	ord	179	179
BlackRock Fund Advisors	29-Jul-16	no	n/a	in specie	ord	1,290	1,290
BlackRock Advisors (UK) Limited	29-Jul-16	yes	132.73	on mkt buy	ord	389	389
BlackRock Advisors (UK) Limited	29-Jul-16	yes	132.73	on mkt buy	ord	224	224
BlackRock Fund Advisors	29-Jul-16	no	n/a	in specie	ord	100	100
BlackRock Institutional Trust Company, National Association	29-Jul-16	yes	132.73	on mkt buy	ord	2,070	2,070
BlackRock Fund Advisors	29-Jul-16	yes	132.73	on mkt buy	ord	30	30
BlackRock Fund Advisors	29-Jul-16	yes	132.73	on mkt buy	ord	350	350
BlackRock Institutional Trust Company, National Association	29-Jul-16	no	n/a	in specie	ord	478	478
BlackRock Advisors (UK) Limited	01-Aug-16	yes	131.44	on mkt buy	ord	112	112
BlackRock Advisors (UK) Limited	01-Aug-16	yes	131.44	on mkt buy	ord	112	112
BlackRock Fund Advisors	02-Aug-16	no	n/a	in specie	ord	1,413	1,413
BlackRock Advisors (UK) Limited	02-Aug-16	yes	130.86	on mkt buy	ord	224	224
BlackRock Advisors (UK) Limited	02-Aug-16	yes	130.86	on mkt buy	ord	14	14
BlackRock Asset Management Canada Limited	03-Aug-16	yes	130.05	on mkt buy	ord	92	92
BlackRock Advisors (UK) Limited	04-Aug-16	yes	128.31	on mkt buy	ord	7,168	7,168
BlackRock Investment Management (Australia) Limited	04-Aug-16	yes	128.40	on mkt buy	ord	148	148
BlackRock Japan Co., Ltd.	04-Aug-16	yes	127.35	on mkt buy	ord	88	88
BlackRock Advisors (UK) Limited	04-Aug-16	yes	127.35	on mkt buy	ord	583	583
BlackRock Fund Advisors	04-Aug-16	yes	127.35	on mkt buy	ord	927	927
BlackRock Investment Management (Australia) Limited	04-Aug-16	yes	128.40	on mkt buy	ord	2,007	2,007
BlackRock Advisors (UK) Limited	04-Aug-16	yes	127.35	on mkt buy	ord	12	12
BlackRock Investment Management (Australia) Limited	04-Aug-16	yes	128.40	on mkt buy	ord	253	253
BlackRock Investment Management (Australia) Limited	04-Aug-16	yes	128.40	on mkt buy	ord	333	333
BlackRock Advisors (UK) Limited	04-Aug-16	yes	127.35	on mkt buy	ord	448	448
BlackRock Investment Management (Australia) Limited	04-Aug-16	yes	128.40	on mkt buy	ord	180	180
BlackRock Advisors (UK) Limited	04-Aug-16	yes	127.35	on mkt buy	ord	112	112
BlackRock Financial Management, Inc.	04-Aug-16	yes	130.17	on mkt buy	ord	975	975
BlackRock Advisors (UK) Limited	05-Aug-16	yes	129.18	on mkt buy	ord	112	112
BlackRock Fund Advisors	05-Aug-16	yes	129.18	on mkt buy	ord	305	305
BlackRock Asset Management Canada Limited	05-Aug-16	yes	129.18	on mkt buy	ord	77	77
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	128.60	on mkt buy	ord	2,896	2,896
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	128.60	on mkt buy	ord	66	66
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	128.60	on mkt buy	ord	1,709	1,709
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	128.60	on mkt buy	ord	285	285
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	128.60	on mkt buy	ord	81	81
BlackRock Investment Management (Australia) Limited	08-Aug-16	yes	128.60	on mkt buy	ord	462	462
BlackRock Advisors (UK) Limited	09-Aug-16	yes	125.00	on mkt buy	ord	224	224
BlackRock Fund Advisors	09-Aug-16	yes	125.00	on mkt buy	ord	816	816
BlackRock Advisors (UK) Limited	09-Aug-16	yes	125.00	on mkt buy	ord	224	224
BlackRock Advisors (UK) Limited	09-Aug-16	yes	125.00	on mkt buy	ord	447	447
BlackRock Advisors (UK) Limited	09-Aug-16	yes	125.00	on mkt buy	ord	224	224
BlackRock Advisors (UK) Limited	09-Aug-16	yes	125.00	on mkt buy	ord	14	14
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	1,520	1,520

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	10-Aug-16	yes	129.28	on mkt buy	ord	143	143
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	96	96
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	319	319
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	205	205
BlackRock Advisors (UK) Limited	10-Aug-16	yes	134.51	on mkt buy	ord	42	42
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	227	227
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	540	540
BlackRock Investment Management (Australia) Limited	10-Aug-16	yes	129.28	on mkt buy	ord	2,713	2,713
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	236	236
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	165	165
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	366	366
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	622	622
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	262	262
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	110	110
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	1,748	1,748
BlackRock Investment Management (Australia) Limited	11-Aug-16	yes	135.84	on mkt buy	ord	3,119	3,119
BlackRock Investment Management (Australia) Limited	12-Aug-16	yes	139.79	on mkt buy	ord	474	474
BlackRock Advisors (UK) Limited	12-Aug-16	yes	139.74	on mkt buy	ord	336	336
BlackRock Investment Management (Australia) Limited	12-Aug-16	yes	139.79	on mkt buy	ord	340	340
BlackRock Investment Management (Australia) Limited	12-Aug-16	yes	139.79	on mkt buy	ord	431	431
BlackRock Investment Management (Australia) Limited	12-Aug-16	yes	139.79	on mkt buy	ord	41	41
BlackRock Advisors (UK) Limited	12-Aug-16	yes	139.74	on mkt buy	ord	6	6
BlackRock Advisors (UK) Limited	12-Aug-16	yes	139.74	on mkt buy	ord	112	112
BlackRock Investment Management (Australia) Limited	12-Aug-16	yes	139.79	on mkt buy	ord	3,811	3,811
BlackRock Fund Advisors	16-Aug-16	yes	137.72	on mkt buy	ord	469	469
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	366	366
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	3,120	3,120
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	137.72	on mkt buy	ord	136	136
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	128	128
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	285	285
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	365	365
BlackRock Japan Co., Ltd.	16-Aug-16	yes	137.72	on mkt buy	ord	61	61
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	2,092	2,092
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	743	743
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	138.14	on mkt buy	ord	3,489	3,489
BlackRock Investment Management (Australia) Limited	16-Aug-16	yes	137.72	on mkt buy	ord	340	340
BlackRock Advisors (UK) Limited	17-Aug-16	yes	135.91	on mkt buy	ord	112	112
BlackRock Fund Advisors	17-Aug-16	no	n/a	in specie	ord	1,290	1,290
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	358	358

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-Aug-16	yes	137.91	on mkt buy	ord	189	189
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	144	144
BlackRock Advisors (UK) Limited	18-Aug-16	yes	138.02	on mkt buy	ord	204	204
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	248	248
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	3,420	3,420
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	1,058	1,058
BlackRock Advisors (UK) Limited	18-Aug-16	yes	138.02	on mkt buy	ord	46	46
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	289	289
BlackRock Advisors (UK) Limited	18-Aug-16	yes	138.02	on mkt buy	ord	2,240	2,240
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	6,755	6,755
BlackRock Financial Management, Inc.	18-Aug-16	yes	136.67	on mkt buy	ord	1,191	1,191
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	391	391
BlackRock Investment Management (Australia) Limited	18-Aug-16	yes	137.91	on mkt buy	ord	3,585	3,585
BlackRock Advisors (UK) Limited	19-Aug-16	yes	138.90	on mkt buy	ord	224	224
BlackRock Advisors (UK) Limited	19-Aug-16	yes	138.90	on mkt buy	ord	336	336
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	97	97
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	975	975
BlackRock Advisors (UK) Limited	22-Aug-16	yes	139.74	on mkt buy	ord	100	100
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	134	134
BlackRock Institutional Trust Company, National Association	22-Aug-16	no	n/a	in specie	ord	5,927	5,927
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	422	422
BlackRock Japan Co., Ltd.	22-Aug-16	yes	139.74	on mkt buy	ord	95	95
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	99	99
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	841	841
BlackRock Fund Advisors	22-Aug-16	no	n/a	in specie	ord	30	30
BlackRock Investment Management (Australia) Limited	22-Aug-16	yes	139.92	on mkt buy	ord	12,135	12,135
BlackRock Asset Management North Asia Limited	22-Aug-16	no	n/a	collateral transfer	ord	1	1
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	140.25	on mkt buy	ord	422	422
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	140.25	on mkt buy	ord	973	973
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	140.87	on mkt buy	ord	551	551
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	140.87	on mkt buy	ord	3,045	3,045
BlackRock Fund Advisors	23-Aug-16	no	n/a	in specie	ord	215	215
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	140.25	on mkt buy	ord	12,131	12,131
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	140.29	on mkt buy	ord	310	310
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	140.87	on mkt buy	ord	1,044	1,044
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	140.87	on mkt buy	ord	1,053	1,053
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	140.26	on mkt buy	ord	134	134
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	140.26	on mkt buy	ord	100	100
BlackRock Institutional Trust Company, National Association	23-Aug-16	yes	140.87	on mkt buy	ord	1,703	1,703
BlackRock Advisors (UK) Limited	23-Aug-16	yes	140.87	on mkt buy	ord	3,360	3,360

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	23-Aug-16	yes	140.26	on mkt buy	ord	98	98
BlackRock Investment Management (Australia) Limited	23-Aug-16	yes	140.25	on mkt buy	ord	842	842
BlackRock Investment Management (Australia) Limited	24-Aug-16	yes	141.62	on mkt buy	ord	1,445	1,445
BlackRock Investment Management (Australia) Limited	24-Aug-16	yes	141.62	on mkt buy	ord	3,084	3,084
BlackRock Fund Advisors	24-Aug-16	no	n/a	in specie	ord	30	30
BlackRock Investment Management (Australia) Limited	24-Aug-16	yes	141.62	on mkt buy	ord	9,309	9,309
BlackRock Investment Management (Australia) Limited	24-Aug-16	yes	141.62	on mkt buy	ord	766	766
BlackRock Investment Management (Australia) Limited	24-Aug-16	yes	141.62	on mkt buy	ord	344	344
BlackRock Investment Management (Australia) Limited	24-Aug-16	yes	141.62	on mkt buy	ord	223	223
BlackRock Advisors (UK) Limited	25-Aug-16	yes	141.85	on mkt buy	ord	336	336
BlackRock Japan Co., Ltd.	26-Aug-16	yes	143.12	on mkt buy	ord	133	133
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	258	258
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	263	263
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	284	284
BlackRock Advisors (UK) Limited	26-Aug-16	yes	143.12	on mkt buy	ord	1,120	1,120
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	260	260
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	191	191
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	1,609	1,609
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	327	327
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	2,589	2,589
BlackRock Advisors (UK) Limited	26-Aug-16	yes	143.12	on mkt buy	ord	70	70
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	1,831	1,831
BlackRock Investment Management (Australia) Limited	26-Aug-16	yes	143.11	on mkt buy	ord	3,241	3,241
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.22	on mkt buy	ord	117	117
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.20	on mkt buy	ord	327	327
BlackRock Investment Management, LLC	30-Aug-16	yes	142.18	on mkt buy	ord	2,740	2,740
BlackRock International Limited	30-Aug-16	yes	142.18	on mkt buy	ord	1,659	1,659
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.21	on mkt buy	ord	77	77
BlackRock Financial Management, Inc.	30-Aug-16	yes	142.18	on mkt buy	ord	8,939	8,939
BlackRock Financial Management, Inc.	30-Aug-16	yes	142.18	on mkt buy	ord	4,434	4,434
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.22	on mkt buy	ord	218	218
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.22	on mkt buy	ord	2,176	2,176
BlackRock Institutional Trust Company, National Association	30-Aug-16	yes	142.18	on mkt buy	ord	893	893
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.22	on mkt buy	ord	298	298
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.21	on mkt buy	ord	140	140
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.22	on mkt buy	ord	1,212	1,212
BlackRock Investment Management (UK) Limited	30-Aug-16	no	n/a	in specie	ord	690	690
BlackRock Investment Management (Australia) Limited	30-Aug-16	yes	142.20	on mkt buy	ord	3,371	3,371
BlackRock Fund Advisors	31-Aug-16	yes	140.87	on mkt buy	ord	515	515
BlackRock Advisors (UK) Limited	31-Aug-16	yes	140.90	on mkt buy	ord	56	56
BlackRock International Limited	31-Aug-16	yes	140.87	on mkt buy	ord	674	674

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 Financial Management, Inc.	31-Aug-16	yes	141.85	on mkt buy	ord	3,065	3,065
BlackRock Investment Management (Australia) Limited	31-Aug-16	yes	140.90	on mkt buy	ord	204	204
BlackRock Investment Management (Australia) Limited	31-Aug-16	yes	140.90	on mkt buy	ord	335	335
BlackRock Advisors (UK) Limited	31-Aug-16	yes	140.90	on mkt buy	ord	44	44
BlackRock Japan Co., Ltd.	31-Aug-16	yes	140.90	on mkt buy	ord	155	155
BlackRock Investment Management, LLC	31-Aug-16	yes	140.87	on mkt buy	ord	92	92
BlackRock Institutional Trust Company, National Association	31-Aug-16	yes	141.16	on mkt buy	ord	300	300
BlackRock Investment Management (Australia) Limited	31-Aug-16	yes	140.90	on mkt buy	ord	167	167
BlackRock Investment Management (UK) Limited	31-Aug-16	yes	140.84	on mkt buy	ord	3,078	3,078
BlackRock Institutional Trust Company, National Association	31-Aug-16	yes	140.87	on mkt buy	ord	275	275
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	36	36
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	250	250
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	2,853	2,853
BlackRock Investment Management (UK) Limited	01-Sep-16	yes	142.03	on mkt buy	ord	22	22
BlackRock Advisors (UK) Limited	01-Sep-16	yes	142.03	on mkt buy	ord	3	3
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	315	315
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.48	on mkt buy	ord	92	92
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	2,486	2,486
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	85	85
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	190	190
BlackRock Investment Management (Australia) Limited	01-Sep-16	yes	141.49	on mkt buy	ord	273	273
BlackRock Fund Advisors	02-Sep-16	yes	141.08	on mkt buy	ord	189	189
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	508	508
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	34	34
BlackRock Institutional Trust Company, National Association	02-Sep-16	yes	139.39	on mkt buy	ord	416	416
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	7	7
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	49	49
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	45	45
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	56	56
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	444	444
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	15	15
BlackRock Investment Management (Australia) Limited	02-Sep-16	yes	139.39	on mkt buy	ord	16	16
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.09	on mkt buy	ord	1,195	1,195
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.09	on mkt buy	ord	133	133
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.09	on mkt buy	ord	66	66
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.32	on mkt buy	ord	612	612
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.09	on mkt buy	ord	160	160
BlackRock Investment Management (UK) Limited	05-Sep-16	yes	139.35	on mkt buy	ord	371	371

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	05-Sep-16	yes	139.09	on mkt buy	ord	200	200
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.09	on mkt buy	ord	42	42
BlackRock Investment Management (Australia) Limited	05-Sep-16	yes	139.09	on mkt buy	ord	1,736	1,736
BlackRock Japan Co., Ltd.	06-Sep-16	yes	139.11	on mkt buy	ord	140	140
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	1,674	1,674
BlackRock Fund Advisors	07-Sep-16	yes	138.62	on mkt buy	ord	301	301
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	130	130
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	1,992	1,992
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	115	115
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	458	458
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	215	215
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	225	225
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	138.12	on mkt buy	ord	314	314
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	138.12	on mkt buy	ord	778	778
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	179	179
BlackRock Investment Management (Australia) Limited	07-Sep-16	yes	138.23	on mkt buy	ord	70	70
BlackRock Institutional Trust Company, National Association	07-Sep-16	yes	138.12	on mkt buy	ord	435	435
BlackRock Advisors (UK) Limited	08-Sep-16	yes	138.28	on mkt buy	ord	112	112
BlackRock Advisors (UK) Limited	08-Sep-16	yes	138.00	on mkt buy	ord	6	6
BlackRock Advisors (UK) Limited	09-Sep-16	yes	135.81	on mkt buy	ord	336	336
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	230	230
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	60	60
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	1,062	1,062
BlackRock Fund Advisors	09-Sep-16	no	n/a	in specie	ord	249	249
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	676	676
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	89	89
BlackRock Advisors (UK) Limited	09-Sep-16	yes	135.81	on mkt buy	ord	3	3
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	167	167
BlackRock Investment Management (Australia) Limited	09-Sep-16	yes	136.09	on mkt buy	ord	106	106
BlackRock Advisors (UK) Limited	12-Sep-16	yes	132.29	on mkt buy	ord	3	3
BlackRock Fund Advisors	12-Sep-16	no	n/a	in specie	ord	162	162
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	136.14	on mkt buy	ord	159	159
BlackRock Fund Advisors	13-Sep-16	no	n/a	in specie	ord	645	645
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	136.14	on mkt buy	ord	1,452	1,452
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	136.14	on mkt buy	ord	139	139
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	136.14	on mkt buy	ord	382	382
BlackRock Investment Management (Australia) Limited	13-Sep-16	yes	136.14	on mkt buy	ord	115	115
BlackRock Advisors (UK) Limited	14-Sep-16	yes	135.26	on mkt buy	ord	465	465
BlackRock Investment Management (Australia) Limited	15-Sep-16	yes	133.78	on mkt buy	ord	724	724
BlackRock Investment Management (Australia) Limited	15-Sep-16	yes	133.78	on mkt buy	ord	52	52

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	15-Sep-16	yes	133.78	on mkt buy	ord	103	103
BlackRock Investment Management (Australia) Limited	15-Sep-16	yes	133.78	on mkt buy	ord	236	236
BlackRock Investment Management (Australia) Limited	15-Sep-16	yes	133.78	on mkt buy	ord	100	100
BlackRock Fund Advisors	15-Sep-16	no	n/a	in specie	ord	1,036	1,036
BlackRock Advisors (UK) Limited	15-Sep-16	yes	133.85	on mkt buy	ord	114	114
BlackRock Fund Advisors	16-Sep-16	yes	136.71	on mkt buy	ord	312	312
BlackRock Japan Co., Ltd.	16-Sep-16	yes	136.72	on mkt buy	ord	49	49
BlackRock Investment Management (Australia) Limited	16-Sep-16	yes	136.71	on mkt buy	ord	351	351
BlackRock Investment Management (Australia) Limited	16-Sep-16	yes	136.71	on mkt buy	ord	638	638
BlackRock Investment Management (Australia) Limited	19-Sep-16	yes	136.35	on mkt buy	ord	57	57
BlackRock Investment Management (Australia) Limited	20-Sep-16	yes	138.96	on mkt buy	ord	125	125
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	139.90	on mkt buy	ord	199	199
BlackRock Financial Management, Inc.	20-Sep-16	yes	139.90	on mkt buy	ord	261	261
BlackRock Advisors, LLC	20-Sep-16	yes	139.90	on mkt buy	ord	3,478	3,478
BlackRock Institutional Trust Company, National Association	20-Sep-16	yes	139.90	on mkt buy	ord	5,046	5,046
BlackRock Investment Management (Australia) Limited	21-Sep-16	yes	138.76	on mkt buy	ord	217	217
BlackRock Investment Management (Australia) Limited	21-Sep-16	yes	138.76	on mkt buy	ord	616	616
BlackRock Investment Management (Australia) Limited	21-Sep-16	yes	138.76	on mkt buy	ord	72	72
BlackRock Investment Management (Australia) Limited	22-Sep-16	yes	138.10	on mkt buy	ord	80,638	80,638
BlackRock Investment Management (Australia) Limited	22-Sep-16	yes	138.41	on mkt buy	ord	14,207	14,207
BlackRock Investment Management (Australia) Limited	23-Sep-16	yes	139.42	on mkt buy	ord	1,532	1,532
BlackRock Investment Management (Australia) Limited	23-Sep-16	yes	139.42	on mkt buy	ord	139	139
BlackRock Investment Management (Australia) Limited	23-Sep-16	yes	139.42	on mkt buy	ord	203	203
BlackRock Fund Advisors	23-Sep-16	yes	139.99	on mkt buy	ord	772	772
BlackRock Investment Management (Australia) Limited	23-Sep-16	yes	139.42	on mkt buy	ord	285	285
BlackRock Fund Advisors	26-Sep-16	yes	139.07	on mkt buy	ord	805	805
BlackRock Advisors, LLC	26-Sep-16	yes	139.07	on mkt buy	ord	4,048	4,048
BlackRock Investment Management (Australia) Limited	27-Sep-16	yes	139.70	on mkt buy	ord	333	333
BlackRock Fund Advisors	27-Sep-16	yes	138.30	on mkt buy	ord	374	374
BlackRock Asset Management Canada Limited	27-Sep-16	yes	140.71	on mkt buy	ord	1,725	1,725
BlackRock Investment Management (Australia) Limited	27-Sep-16	yes	139.70	on mkt buy	ord	422	422
BlackRock Advisors (UK) Limited	27-Sep-16	yes	140.71	on mkt buy	ord	28	28
BlackRock Advisors (UK) Limited	27-Sep-16	yes	140.71	on mkt buy	ord	168	168
BlackRock Fund Advisors	27-Sep-16	no	n/a	in specie	ord	2,340	2,340
BlackRock Advisors (UK) Limited	27-Sep-16	yes	140.71	on mkt buy	ord	150	150
BlackRock Investment Management (Australia) Limited	27-Sep-16	yes	139.70	on mkt buy	ord	604	604
BlackRock Investment Management (Australia) Limited	27-Sep-16	yes	139.70	on mkt buy	ord	3,359	3,359
BlackRock Fund Advisors	27-Sep-16	yes	140.71	on mkt buy	ord	196	196
BlackRock Investment Management (Australia) Limited	27-Sep-16	yes	139.70	on mkt buy	ord	181	181
BlackRock Investment Management (Australia) Limited	27-Sep-16	yes	139.70	on mkt buy	ord	45	45
BlackRock Advisors (UK) Limited	28-Sep-16	yes	141.85	on mkt buy	ord	28	28
BlackRock Investment Management (Australia) Limited	29-Sep-16	yes	141.24	on mkt buy	ord	321	321
BlackRock Investment Management (Australia) Limited	29-Sep-16	yes	141.24	on mkt buy	ord	273	273

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	29-Sep-16	yes	141.24	on mkt buy	ord	2,580	2,580
BlackRock Investment Management (Australia) Limited	29-Sep-16	yes	141.24	on mkt buy	ord	626	626
BlackRock Institutional Trust Company, National Association	29-Sep-16	yes	142.64	on mkt buy	ord	978	978
BlackRock Asset Management Canada Limited	29-Sep-16	no	n/a	in specie	ord	429	429
BlackRock Investment Management (Australia) Limited	30-Sep-16	yes	140.99	on mkt buy	ord	544	544
BlackRock Institutional Trust Company, National Association	30-Sep-16	yes	140.69	on mkt buy	ord	236	236
BlackRock Advisors (UK) Limited	03-Oct-16	yes	140.49	on mkt buy	ord	684	684
BlackRock Fund Advisors	03-Oct-16	yes	141.21	on mkt buy	ord	561	561
BlackRock Fund Advisors	03-Oct-16	yes	140.49	on mkt buy	ord	531	531
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	141.39	on mkt buy	ord	340	340
BlackRock Fund Advisors	04-Oct-16	yes	141.92	on mkt buy	ord	16	16
BlackRock Investment Management (Australia) Limited	04-Oct-16	yes	141.33	on mkt buy	ord	6,465	6,465
BlackRock Financial Management, Inc.	04-Oct-16	yes	141.23	on mkt buy	ord	245	245
BlackRock Investment Management (Australia) Limited	04-Oct-16	yes	141.33	on mkt buy	ord	959	959
BlackRock Investment Management (Australia) Limited	04-Oct-16	yes	141.33	on mkt buy	ord	3,843	3,843
BlackRock Financial Management, Inc.	04-Oct-16	yes	141.23	on mkt buy	ord	1,087	1,087
BlackRock International Limited	04-Oct-16	yes	141.23	on mkt buy	ord	261	261
BlackRock Investment Management, LLC	04-Oct-16	yes	141.23	on mkt buy	ord	317	317
BlackRock Investment Management (Australia) Limited	04-Oct-16	yes	141.33	on mkt buy	ord	386	386
BlackRock Investment Management, LLC	04-Oct-16	yes	141.92	on mkt buy	ord	817	817
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	141.39	on mkt buy	ord	422	422
BlackRock Investment Management (Australia) Limited	04-Oct-16	yes	141.33	on mkt buy	ord	493	493
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	141.39	on mkt buy	ord	549	549
BlackRock Institutional Trust Company, National Association	04-Oct-16	yes	141.23	on mkt buy	ord	134	134
BlackRock Fund Advisors	05-Oct-16	yes	142.62	on mkt buy	ord	325	325
BlackRock Institutional Trust Company, National Association	05-Oct-16	yes	142.14	on mkt buy	ord	17	17
BlackRock Fund Advisors	05-Oct-16	yes	142.62	on mkt buy	ord	542	542
BlackRock Institutional Trust Company, National Association	05-Oct-16	yes	142.14	on mkt buy	ord	28	28
BlackRock Institutional Trust Company, National Association	05-Oct-16	yes	142.14	on mkt buy	ord	49	49
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	141.99	on mkt buy	ord	872	872
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	141.99	on mkt buy	ord	338	338
BlackRock Investment Management, LLC	06-Oct-16	yes	142.98	on mkt buy	ord	72	72
BlackRock Advisors (UK) Limited	06-Oct-16	yes	141.62	on mkt buy	ord	44	44
BlackRock Investment Management (UK) Limited	06-Oct-16	yes	142.79	on mkt buy	ord	1,242	1,242
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	141.99	on mkt buy	ord	429	429
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	141.99	on mkt buy	ord	3,576	3,576
BlackRock Investment Management (Australia) Limited	06-Oct-16	yes	141.99	on mkt buy	ord	1,975	1,975
BlackRock Advisors (UK) Limited	07-Oct-16	yes	142.18	on mkt buy	ord	228	228
BlackRock Fund Advisors	07-Oct-16	yes	141.70	on mkt buy	ord	592	592
BlackRock Fund Advisors	07-Oct-16	no	n/a	in specie	ord	660	660
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	142.19	on mkt buy	ord	875	875
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	142.19	on mkt buy	ord	395	395
BlackRock Investment Management (UK) Limited	07-Oct-16	yes	141.70	on mkt buy	ord	68	68

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	07-Oct-16	yes	141.70	on mkt buy	ord	185	185
BlackRock Asset Management Canada Limited	07-Oct-16	yes	141.70	on mkt buy	ord	62	62
BlackRock Fund Advisors	07-Oct-16	no	n/a	in specie	ord	498	498
BlackRock Investment Management (Australia) Limited	07-Oct-16	yes	142.19	on mkt buy	ord	203	203
BlackRock Advisors (UK) Limited	07-Oct-16	yes	141.70	on mkt buy	ord	266	266
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	140.81	on mkt buy	ord	119	119
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	140.81	on mkt buy	ord	100	100
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	140.81	on mkt buy	ord	716	716
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	140.81	on mkt buy	ord	3,055	3,055
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	140.81	on mkt buy	ord	627	627
BlackRock Investment Management (Australia) Limited	10-Oct-16	yes	140.81	on mkt buy	ord	572	572
BlackRock Advisors (UK) Limited	11-Oct-16	yes	138.07	on mkt buy	ord	150	150
BlackRock Fund Advisors	11-Oct-16	yes	138.07	on mkt buy	ord	187	187
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	138.33	on mkt buy	ord	77	77
BlackRock Japan Co., Ltd.	11-Oct-16	yes	138.58	on mkt buy	ord	135	135
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.45	on mkt buy	ord	1,238	1,238
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	138.07	on mkt buy	ord	504	504
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.45	on mkt buy	ord	41	41
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.45	on mkt buy	ord	255	255
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.45	on mkt buy	ord	291	291
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	138.33	on mkt buy	ord	156	156
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.07	on mkt buy	ord	149	149
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.45	on mkt buy	ord	49	49
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.07	on mkt buy	ord	61	61
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.07	on mkt buy	ord	1,200	1,200
BlackRock Institutional Trust Company, National Association	11-Oct-16	yes	138.33	on mkt buy	ord	116	116
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.07	on mkt buy	ord	618	618
BlackRock Investment Management (Australia) Limited	11-Oct-16	yes	138.45	on mkt buy	ord	232	232
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.59	on mkt buy	ord	24	24
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	137.88	on mkt buy	ord	1,030	1,030
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.59	on mkt buy	ord	38	38
BlackRock Advisors (UK) Limited	12-Oct-16	yes	137.88	on mkt buy	ord	277	277
BlackRock Financial Management, Inc.	12-Oct-16	yes	137.88	on mkt buy	ord	324	324
BlackRock Advisors (UK) Limited	12-Oct-16	yes	137.88	on mkt buy	ord	96	96
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	117	117
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	137.88	on mkt buy	ord	260	260
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.59	on mkt buy	ord	137	137
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	137.88	on mkt buy	ord	992	992
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	1,757	1,757

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	12-Oct-16	yes	137.91	on mkt buy	ord	361	361
BlackRock Advisors (UK) Limited	12-Oct-16	yes	137.78	on mkt buy	ord	150	150
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.58	on mkt buy	ord	45	45
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.58	on mkt buy	ord	62	62
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	63	63
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.60	on mkt buy	ord	489	489
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	137.88	on mkt buy	ord	498	498
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	1,279	1,279
BlackRock Japan Co., Ltd.	12-Oct-16	yes	137.88	on mkt buy	ord	267	267
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	898	898
BlackRock International Limited	12-Oct-16	yes	137.92	on mkt buy	ord	504	504
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.59	on mkt buy	ord	64	64
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.60	on mkt buy	ord	345	345
BlackRock Financial Management, Inc.	12-Oct-16	yes	137.88	on mkt buy	ord	277	277
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	100	100
BlackRock Financial Management, Inc.	12-Oct-16	yes	137.84	on mkt buy	ord	9,329	9,329
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.60	on mkt buy	ord	672	672
BlackRock Advisors (UK) Limited	12-Oct-16	yes	138.40	on mkt buy	ord	228	228
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	163	163
BlackRock Investment Management (Australia) Limited	12-Oct-16	yes	137.91	on mkt buy	ord	169	169
BlackRock Institutional Trust Company, National Association	12-Oct-16	yes	137.88	on mkt buy	ord	256	256

Annexure C

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

14-Oct-16
Kayla McGrory, **Date**
Authorised Signatory

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)

Annexure D

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

Kayla McGrory, Authorised Signatory
Date

14-Oct-16

Type of agreement:	Global Master Securities Lending Agreement
Parties to agreement:	Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited
Transfer date:	Refer to Annexure B (transactions identified as collateral transfers)
Holder of voting rights:	BlackRock Asset Management North Asia Limited (as investment manager for the funds)
Are there any restrictions on voting rights? If yes, detail	Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights.
Scheduled return date (if any):	Not applicable.
Does the borrower have the right to return early? If yes, detail	Yes. Upon an Event of Default under the GMSLA, the GMSLA provides, broadly, that both parties payment and delivery obligations will be accelerated and replaced with an obligation of one party to pay a single cash sum to the other determined in accordance with the provisions of the GMSLA (as modified by the Annex). The GMSLA provides that the parties' right to terminate the Agreement upon notice will not affect the parties' existing obligations in respect of any outstanding loans of securities. The Annex amended and restricted the Borrower's termination rights – i.e. Borrower may not have the right to terminate and return the borrowed securities - as the Borrower was to borrow the securities issued by it (or its sister company) to provide protection against the insolvency of the issuer and so usual rights of termination in a GMSLA were restricted. Subject to the terms of the relevant Loan, the Borrower, may early terminate a Loan and return Equivalent Securities at any time provided that it "shall cease to have such entitlement if an Act of Insolvency with respect to any Security Issuer or any of the Borrower's or any Security Issuer's affiliates has occurred, or any such person takes any steps preparatory to any of the matters which would constitute an Act of Insolvency
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

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