# Form 604

Corporations Act 2001 Section 671B

# Notice of change of interests of substantial holder

Company	Name/Scheme							
N/ARSN								
Details o	f substantial hold	ier(1)						
ne L/ADSNI/6	f applicable)							
I) VICARY	і арріісавіе)							
e was a d tantial ho	change in the interest older on	sts of the	//					
-	notice was given to notice was dated	the company on	//					
Previous	and present vot	ing power						
total num	hor of votos attacho	ed to all the veting sh	pares in the compr	any or voting intores	ts in the scheme the	t the cubetant	tial holder or an	associate (2) had a releva
hen last r	equired, and when r	now required, to give	a substantial hold	ding notice to the co	ompany or scheme, a	re as follows:	liai fioluei oi ali a	associate (2) flau a feleva
	01	141 (4)	Davidson and			Dunnant		
	Class of securi	ities (4)	Previous noti		r (5)	Present Person's		ng power (5)
			1 0100110 1011	toming ports	. (0)	1 0.0011	101.00	.g powe. (c)
culars of	each change in, or older was last requir  Date of change	change in the nature	tial holding notice	erest of the substan to the company or s ture of ange (6)	consideration given in relation to change (7)	rs:	g securities of th  Class and number of securities affected	e company or scheme, sir  Person's votes affected
Present	relevant interests	3	I			I		
iculars of	each relevant intere	est of the substantial	holder in voting s	ecurities after the c	hange are as follows	S:		
	Holder of relevant interest	Registered holder of securities	to	son entitled be registered holder (8)	Nature of relevant interest (6)		Class and number of securities	Person's votes
	1	+						

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### 5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

#### 6. Addresses

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

Name	Address

Signature	
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print name	capacity
sign here	date / /

#### **DIRECTIONS**

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the
- (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.
- The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
  - any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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
  - 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 (b) 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.

- 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, becom'e (7) 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.
- (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) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

08-Aug-17

Maria Tricarico, Authorised Signatory

Date

# 5. Consideration

Qantas Airways Ltd (QAN)  Nature of change (6) / Person's											
Date of Change	Person whose relevant interest changed	Consideration given in relation to change (7)		CCY		number of s affected	Person's votes affected				
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	AUD	ORD	15,977	15,977				
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	AUD	ORD	30,704	30,70				
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	AUD	ORD	1,257	1,25				
22-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.91	AUD	ORD	897	89				
22-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.91	AUD	ORD	3,814	3,81				
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	AUD	ORD	-87,537	-87,53				
22-May-17	BlackRock Investment Management, LLC	on mkt sell	4.91	AUD	ORD	-25,123	-25,12				
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	554	55				
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,398	4,39				
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,932	2,93				
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,194	13,19				
22-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,199	-7,19				
22-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1,379	1,37				
22-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	118,780	118,78				
22-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,525,103	-3,525,10				
22-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,666	1,66				
22-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	120,014	120,01				
22-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-153,295	-153,29				
22-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	25,557	25,55				
23-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	22,750	22,75				
23-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	40,950	40,95				
23-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	1,864	1,86				
23-May-17	BlackRock Investment Management, LLC	on mkt buy	4.86	AUD	ORD	14,074	14,07				
23-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	AUD	ORD	8,042	8,04				
23-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	AUD	ORD	19,683	19,68				
23-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	4,780	4,78				
23-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	1,630	1,63				
23-May-17	BlackRock Investment Management (UK) Limited	on mkt sell	4.86	AUD	ORD	-8,012	-8,01				
23-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,330	7,33				
23-May-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,589	-9,58				
23-May-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-35,558	-35,55				
23-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-460	-46				
23-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-853	-85				
23-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	26,128	26,12				
23-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-424	-42				
23-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	113,748	113,74				
23-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,938	-16,93				
23-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-51,204	-51,20				

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Date of Change	Person whose relevant interest changed	Nature of char Consideration given change (	in relation to	CCY	Class and securities		Person's votes affected
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	AUD	ORD	-11,115	-11,115
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	AUD	ORD	-131,736	-131,736
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	AUD	ORD	-42,871	-42,871
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	AUD	ORD	-5,628	-5,628
24-May-17	BlackRock Investment Management	on mkt sell	4.87	AUD	ORD	-6,667	-6,667
24-May-17	(Australia) Limited BlackRock Investment Management	on mkt sell	4.87	AUD	ORD	-56,950	-56,950
24-May-17	(Australia) Limited  BlackRock Investment Management	on mkt sell	4.87	AUD	ORD	-6,051	-6,051
24-May-17	(Australia) Limited BlackRock Investment Management	on mkt sell	4.87	AUD	ORD	-20,727	-20,727
-	(Australia) Limited	an malet have	4.07	ALID	ODD	25.044	
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	35,214	35,214
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	42,370	42,370
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	1,902	1,902
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	24,948	24,948
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	7,285	7,285
24-May-17	BlackRock Institutional Trust Company,	on mkt buy	4.87	AUD	ORD	7,397	7,397
24-May-17	National Association BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	2,608	2,608
24-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	1,956	1,956
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	AUD	ORD	-127,603	-127,603
24-May-17	BlackRock Fund Advisors	on mkt buy	4.84	AUD	ORD	20,681	20,681
24-May-17	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	15,091	15,091
24-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-204	-204
24-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	59,567	59,567
24-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-36,128	-36,128
24-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	132	132
24-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-83,674	-83,674
24-May-17							
24-111ay-11	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	34,513	34,513
24-May-17	• , ,		n/a n/a	AUD	ORD ORD	34,513 5,061	34,513 5,061
	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company,						
24-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company,	collateral transfer	n/a	AUD	ORD	5,061	5,061
24-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	n/a 4.96	AUD	ORD	5,061 25,639	5,061 25,639
24-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy	n/a 4.96 4.96	AUD AUD	ORD ORD	5,061 25,639 36,697	5,061 25,639 36,697
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association	on mkt buy	n/a 4.96 4.96 4.96	AUD AUD AUD AUD AUD	ORD ORD ORD ORD	5,061 25,639 36,697 1,637 23,709	5,061 25,639 36,697 1,637 23,709
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.95	AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	5,061 25,639 36,697 1,637 23,709	5,061 25,639 36,697 1,637 23,709
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.95	AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802	5,061 25,639 36,697 1,637 23,709 15,512 36,802
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Management, Inc.  BlackRock Investment Management, LLC  BlackRock Investment Management (UK) Limited	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.95 4.96 4.96	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475	5,061 25,639 36,697 1,637 23,709 15,512 36,802
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.96 4.96 4.96 4.96	AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.96 4.96 4.96 4.96	AUD	ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company,	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.96 4.96 4.96 4.96	AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806
24-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Investment Management (UK)	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.96 4.96 4.96 4.96	AUD	ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495
24-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.96 4.96 4.96 4.96	AUD	ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495 13,272	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495
24-May-17 25-May-17	Limited  BlackRock Asset Management North Asia Limited  BlackRock Institutional Trust Company, National Association  BlackRock Financial Management, Inc.  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Investment Management (UK) Limited  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	n/a 4.96 4.96 4.96 4.96 4.96 4.96 4.96 4.96	AUD	ORD	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495 13,272 13,817	5,061 25,639 36,697 1,637 23,709 15,512 36,802 12,475 46,806 5,495 13,272 13,817

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities	number of affected	Person's votes affected
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.96	AUD	ORD	11,206	11,206
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	4.96	AUD	ORD	6,832	6,832
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	4.96	AUD	ORD	84,744	84,744
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	4.96	AUD	ORD	44,121	44,121
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	4.96	AUD	ORD	7,274	7,274
•	BlackRock Japan Co., Ltd.	on mkt buy	4.96	AUD	ORD	7,274	7,274
25-May-17							
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	4.96	AUD	ORD	31,511	31,511
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	4.96	AUD	ORD	9,816	9,816
25-May-17	BlackRock Asset Management Canada Limited	on mkt buy	4.96	AUD	ORD	26,399	26,399
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	4.96	AUD	ORD	20,818	20,818
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	4.96	AUD	ORD	7,164	7,164
25-May-17	BlackRock Investment Management, LLC	on mkt buy	4.96	AUD	ORD	11,338	11,338
25-May-17	BlackRock International Limited	on mkt buy	4.95	AUD	ORD	65,335	65,335
25-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	4.96	AUD	ORD	11,502	11,502
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	375,244	375,244
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	2,974	2,974
25-May-17	BlackRock Institutional Trust Company,	on mkt buy	4.96	AUD	ORD	24,643	24,643
25-May-17	National Association  BlackRock Financial Management, Inc.	on mkt buy	4.96	AUD	ORD	24,231	24,231
25 May 17	BlackRock Advisors, LLC	on mkt huy	4.06	ALID	ORD	13,742	13,742
25-May-17	•	on mkt buy	4.96	AUD			
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	121,894	121,894
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	41,242	41,242
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	18,519	18,519
25-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	4.96	AUD	ORD	28,685	28,685
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.96	AUD	ORD	51,094	51,094
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.96	AUD	ORD	40,145	40,145
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.96	AUD	ORD	114,860	114,860
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	4.96	AUD	ORD	13,656	13,656
25-May-17	BlackRock Investment Management, LLC	on mkt buy	4.96	AUD	ORD	2,746	2,746
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	10,847	10,847
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	146,827	146,827
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	AUD	ORD	19,235	19,235
25-May-17	BlackRock Institutional Trust Company,	on mkt sell	4.85	AUD	ORD	-6,519	-6,519
05.14 :=	National Association	1.0	F 0.4	A. 1. 15		2.55	
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.01	AUD	ORD	2,691	2,691
25-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	AUD	ORD	4,112	4,112
25-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	805	805
25-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	20,534	20,534
25-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,645,424	3,645,424
25-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	980	980
25-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-106,507	-106,507
25-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	90,721	90,721
25-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	12,033	12,033
26-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.94	AUD	ORD	23,369	23,369
26-May-17	BlackRock Institutional Trust Company,	on mkt buy	4.94	AUD	ORD	32,095	32,095
26-May-17	National Association  BlackRock Institutional Trust Company, National Association	on mkt buy	4.94	AUD	ORD	1,635	1,635
26-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.94	AUD	ORD	14,605	14,605

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities		Person's votes affected
26-May-17 26-May-17	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	on mkt buy on mkt sell	4.96 4.96	AUD AUD	ORD ORD	897 -998	897
26-May-17	Limited  BlackRock Investment Management	on mkt sell	4.96	AUD	ORD	-2,479	-2,479
•	(Australia) Limited						
26-May-17	BlackRock Advisors (UK) Limited	on mkt sell	4.96	AUD	ORD	-11,424	-11,424
26-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.96	AUD	ORD	11,424	11,424
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,320	4,320
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,864	5,864
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,900	4,900
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,476	4,476
26-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	126,062	126,062
26-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	35,558	35,558
26-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	9,589	9,589
26-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	961	961
26-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-76,962	-76,962
26-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,340,321	-5,340,321
26-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,307	1,307
	-						
26-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-137,669	-137,669
26-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	118,479	118,479
26-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	13,885	13,885
29-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	AUD	ORD	21,780	21,780
29-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	AUD	ORD	31,558	31,558
29-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	AUD	ORD	1,239	1,239
29-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-6,052	-6,052
29-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	80,742	80,742
29-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-80,000	-80,000
29-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	238	238
29-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,358	-9,358
29-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,616	10,616
29-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,811	3,811
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-11,286	-11,286
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-118,611	-118,611
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-42,868	-42,868
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-5,712	-5,712
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-6,489	-6,489
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-58,646	-58,646
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-5,754	-5,754
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-22,099	-22,099
30-May-17	BlackRock Advisors (UK) Limited	on mkt buy	4.99	AUD	ORD	4,503	4,503
30-May-17	BlackRock Japan Co., Ltd.	on mkt buy	4.98	AUD	ORD	6,447	6,447
30-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,194	13,194
30-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,864	5,864
30-May-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-5,579	-5,579
30-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,170	1,170
30-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	(
30-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	416	416
30-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,726	6,726

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	en in relation to	CCY	Class and r securities		Person's votes affected
30-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,656	-7,656
30-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,923	4,923
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	22,996	22,996
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	33,886	33,886
31-May-17	BlackRock Institutional Trust Company,	on mkt buy	5.02	AUD	ORD	1,177	1,177
31-May-17	National Association  BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	24,547	24,547
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	5.01	AUD	ORD	14,586	14,586
31-May-17	BlackRock Investment Management, LLC	on mkt buy	5.02	AUD	ORD	27,961	27,961
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.02	AUD	ORD	11,168	11,168
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	AUD	ORD	43,405	43,405
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	5,405	5,405
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.02	AUD	ORD	10,251	10,251
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	11,449	11,449
31-May-17	BlackRock Institutional Trust Company,	on mkt buy	5.02	AUD	ORD	11,470	11,470
31-May-17	National Association  BlackRock Financial Management, Inc.	on mkt buy	5.02	AUD	ORD	168,902	168,902
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.02	AUD	ORD	59,016	59,016
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.02	AUD	ORD	10,676	10,676
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	5.02	AUD	ORD	5,658	5,658
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	5.02	AUD	ORD	81,749	81,749
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	5.02	AUD	ORD	34,606	34,606
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	5.02	AUD	ORD	60,338	60,338
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	5.02	AUD	ORD	7,222	7,222
31-May-17 31-May-17	BlackRock Japan Co., Ltd. BlackRock Financial Management, Inc.	on mkt buy on mkt buy	5.02 5.02	AUD AUD	ORD ORD	8,099 8,994	8,099 8,994
31-May-17 31-May-17	BlackRock Asset Management Canada	on mkt buy	5.02	AUD	ORD	24,952	24,952
31-May-17	Limited  BlackRock Financial Management, Inc.		5.02	AUD	ORD	21,633	21,633
		on mkt buy					
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	5.02	AUD	ORD	7,671	7,671
31-May-17	BlackRock Investment Management, LLC	on mkt buy	5.02	AUD	ORD	10,835	10,835
31-May-17	BlackRock International Limited	on mkt buy	5.01	AUD	ORD	66,062	66,062
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.02	AUD	ORD	10,336	10,336
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	2,398	2,398
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	24,906	24,906
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	5.02	AUD	ORD	29,705	29,705
31-May-17	BlackRock Advisors, LLC	on mkt buy	5.02	AUD	ORD	4,341	4,341
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	20,112	20,112
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.02	AUD	ORD	27,790	27,790
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.02	AUD	ORD	50,987	50,987
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.02	AUD	ORD	41,900	41,900
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.02	AUD	ORD	99,007	99,007
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	5.02	AUD	ORD	17,953	17,953
31-May-17	BlackRock Investment Management, LLC	on mkt buy	5.02	AUD	ORD	5,083	5,083
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	8,367	8,367
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	19,190	19,190

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Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	CCY	Class and securities		Person's votes affected
31-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	AUD	ORD	-110,581	-110,58
31-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	AUD	ORD	-5,366	-5,360
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	42,563	42,56
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	9,751	9,75
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	AUD	ORD	9,620	9,62
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-1,798	-1,79
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-2,682	-2,68
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.01	AUD	ORD	1,788	1,78
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.01	AUD	ORD	1,788	1,78
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-36,479	-36,47
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-8,325	-8,32
31-May-17	BlackRock (Singapore) Limited	on mkt sell	5.01	AUD	ORD	-1,100	-1,10
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-3,371	-3,37
31-May-17	BlackRock International Limited	on mkt sell	5.01	AUD	ORD	-3,128	-3,12
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-629,088	-629,08
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-12,252	-12,25
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-1,095	-1,09
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-2,576	-2,57
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-484	-48
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-60	-6
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-4,062	-4,06
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-975	-97
31-May-17	BlackRock Asset Management Canada Limited	on mkt sell	5.01	AUD	ORD	-6,137	-6,13
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-1,710	-1,710
31-May-17	BlackRock (Netherlands) B.V.	on mkt sell	5.01	AUD	ORD	-610	-61
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-1,788	-1,78
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-64	-64
31-May-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.01	AUD	ORD	-39,702	-39,70
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-2,811	-2,81
31-May-17	BlackRock Investment Management, LLC	on mkt buy	5.01	AUD	ORD	34,196	34,19
31-May-17	BlackRock Investment Management, LLC	on mkt buy	5.01	AUD	ORD	2,464	2,464
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	AUD	ORD	35,331	35,33
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	5.01	AUD	ORD	23,064	23,06
31-May-17	BlackRock Fund Advisors	on mkt buy	5.01	AUD	ORD	2,120	2,12
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	AUD	ORD	28,406	28,40
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-42,722	-42,72
31-May-17 31-May-17	BlackRock (Singapore) Limited BlackRock Institutional Trust Company,	on mkt sell	5.01 5.01	AUD AUD	ORD ORD	-5,647 -17,299	-5,64 -17,29
	National Association						
31-May-17	BlackRock International Limited	on mkt sell	5.01	AUD	ORD	-16,058	-16,05
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-62,882	-62,88
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-5,624 13,224	-5,62
31-May-17	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell	5.01 5.01	AUD AUD	ORD ORD	-13,224 -2,487	-13,22
31-May-17 31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-2,487	-2,48° -31°
31-May-17 31-May-17	BlackRock Advisors (UK) Limited  BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-20,846	-20,846
31-May-17 31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-5,005	-20,846 -5,00
31-May-17	BlackRock Asset Management Canada Limited	on mkt sell	5.01	AUD	ORD	-31,497	-31,497
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-8,780	-8,78
31-May-17	BlackRock (Netherlands) B.V.	on mkt sell	5.01	AUD	ORD	-3,131	-3,13
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	AUD	ORD	-9,179	-9,179
31-May-17	BlackRock Institutional Trust Company,	on mkt sell	5.01	AUD	ORD	-330	-330

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY		number of s affected	Person's votes affected
31-May-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.01	AUD	ORD	-203,754	-203,754
31-May-17	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-14,430	-14,430
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	5.01	AUD	ORD	3,435	3,435
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	5.01	AUD	ORD	-4,424	-4,424
31-May-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,470,710	2,470,710
31-May-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
31-May-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-761	-761
31-May-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	115,535	115,535
31-May-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-102,200	-102,200
31-May-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-10,807	-10,807
01-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	AUD	ORD	82,661	82,661
01-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	AUD	ORD	37,228	37,228
01-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	AUD	ORD	2,558	2,558
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.07	AUD	ORD	-2,682	-2,682
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.07	AUD	ORD	-1,998	-1,998
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.07	AUD	ORD	2,697	2,697
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.07	AUD	ORD	2,212	2,212
01-Jun-17	BlackRock Fund Advisors	on mkt sell	5.07	AUD	ORD	-1,350	-1,350
01-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	AUD	ORD	13,891	13,891
01-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-164,567	-164,567
01-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-43,815	-43,815
01-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,554,917	-2,554,917
01-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-115,446	-115,446
01-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,074	-1,074
01-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	113,745	113,745
01-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-74,885	-74,885
01-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,347	-5,347
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	73,566	73,566
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	32,569	32,569
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	2,239	2,239
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	35,488	35,488
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.15	AUD	ORD	25,136	25,136
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	77,800	77,800
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	12,340	12,340
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	9,495	9,495
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.15	AUD	ORD	141,125	141,125
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.15	AUD	ORD	11,944	11,944
02-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.15	AUD	ORD	36,630	36,630
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.15	AUD	ORD	53,247	53,247
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.15	AUD	ORD	20,217	20,217
02-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.15	AUD	ORD	12,465	12,465
02-Jun-17	BlackRock International Limited	on mkt buy	5.15	AUD	ORD	100,886	100,886
02-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.15	AUD	ORD	14,211	14,211
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	484,536	484,536

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Date of Change	Person whose relevant interest changed	Nature of char Consideration giver change (	n in relation to	CCY	Class and securities	number of affected	Person's votes affected
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	34,064	34,064
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.15	AUD	ORD	58,437	58,437
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	32,531	32,53
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	52,288	52,288
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.15	AUD	ORD	87,083	87,083
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.15	AUD	ORD	69,943	69,943
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.15	AUD	ORD	14,995	14,995
02-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.15	AUD	ORD	8,011	8,01
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	AUD	ORD	19,457	19,45
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.16	AUD	ORD	894	89
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.16	AUD	ORD	-2,212	-2,21
02-Jun-17	BlackRock Advisors, LLC	on mkt sell	5.16	AUD	ORD	-12,909	-12,909
02-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	212	212
02-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,722	1,72
02-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	29,997	29,99
02-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-997	-99
	-						
02-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-12,583	-12,583
02-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,022	-4,022
02-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-10,331	-10,33
05-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	AUD	ORD	48,821	48,82
05-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	AUD	ORD	32,850	32,85
05-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	AUD	ORD	1,581	1,58
05-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	AUD	ORD	640	64
05-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	554	55
05-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	AUD	ORD	-257,784	-257,78
05-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1,001	1,00
05-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,133	9,13
05-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,753,297	3,753,297
05-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,492	2,492
05-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-69,274	-69,274
05-Jun-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	21,637	21,63
05-Jun-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	34,981	34,98
06-Jun-17	Limited BlackRock Investment Management	on mkt sell	5.11	AUD	ORD	-9,438	-9,438
06-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.11	AUD	ORD	-105,025	-105,02
06-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.11	AUD	ORD	-35,628	-35,628
06-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.11	AUD	ORD	-4,875	-4,87
06-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.11	AUD	ORD	-4,645	-4,64
	(Australia) Limited						
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	AUD	ORD	-46,316	-46,316
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	AUD	ORD	-4,734	-4,734
06-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	AUD	ORD	33,845	33,84
06-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	AUD	ORD	31,961	31,96
06-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	AUD	ORD	1,699	1,699

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY		number of s affected	Person's votes affected
06-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.11	AUD	ORD	24,600	24,600
06-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	AUD	ORD	2,748	2,748
06-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.11	AUD	ORD	13,918	13,918
06-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.11	AUD	ORD	30,798	30,798
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.09	AUD	ORD	-1,585	-1,585
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.10	AUD	ORD	-1,585	-1,585
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.09	AUD	ORD	-1,585	-1,585
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.09	AUD	ORD	1,788	1,788
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.09	AUD	ORD	-1,902	-1,902
06-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,262	10,262
06-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	94	94
06-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,865	2,865
06-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD AUD	ORD ORD	-3,783,294	-3,783,294
06-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a			1,547	1,547
06-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	27,921	27,921
06-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-39,411	-39,411
06-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	6,970	6,970
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.13	AUD	ORD	81,989	81,989
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.13	AUD	ORD	19,189	19,189
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	AUD	ORD	54,823	54,823
07-Jun-17	BlackRock International Limited	on mkt buy	5.13	AUD	ORD	73,293	73,293
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	32,290	32,290
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	13,523	13,523
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	1,247	1,247
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	23,834	23,834
07-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.12	AUD	ORD	27,470	27,470
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	AUD	ORD	9,297	9,297
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	3,679	3,679
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	AUD	ORD	10,399	10,399
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	9,690	9,690
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	15,559	15,559
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	9,768	9,768
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	35,119	35,119
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	4,177	4,177
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	4,493	4,493
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	71,145	71,145
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	11,651	11,651
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.12	AUD	ORD	4,864	4,864
07-Jun-17	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd.	on mkt buy	5.12	AUD	ORD	35,934	35,934
07-Jun-17 07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy on mkt buy	5.12 5.12	AUD AUD	ORD ORD	73,702 8,494	73,702 8,494
07-Jun-17 07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.12	AUD	ORD	9,532	9,532
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.12	AUD	ORD	26,479	26,479
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.12	AUD	ORD	9,837	9,837
07-Jun-17	BlackRock Asset Management Canada	on mkt buy	5.12	AUD	ORD	26,713	26,713
07-Jun-17	Limited  BlackRock Financial Management, Inc.	on mkt buy	5.12	AUD	ORD	28,207	28,207
or sour 17	Diagnitour i mandiai management, inc.	on mike buy	J.12	700	OND	20,207	20,207

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Date of Change	Person whose relevant interest changed	Nature of char Consideration given change (	in relation to	CCY		number of s affected	Person's votes affected
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.12	AUD	ORD	9,866	9,866
07-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.12	AUD	ORD	10,134	10,134
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	AUD	ORD	11,897	11,897
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	330,228	330,228
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	2,533	2,533
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	25,438	25,438
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.12	AUD	ORD	39,503	39,503
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	25,023	25,023
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	AUD	ORD	19,899	19,899
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	60,373	60,373
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	48,231	48,231
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	95,653	95,653
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.12	AUD	ORD	15,489	15,489
07-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.12	AUD	ORD	4,109	4,109
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	8,472	8,472
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	AUD	ORD	14,612	14,612
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.12	AUD	ORD	-1,580	-1,580
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.12	AUD	ORD	-1,580	-1,580
07-Jun-17		on mkt sell					
	BlackRock Advisors (UK) Limited		5.12	AUD	ORD	-1,580	-1,580
07-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	AUD	ORD	-27,717	-27,717
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.11	AUD	ORD	-948	-948
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.11	AUD	ORD	-666	-666
07-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,472	4,472
07-Jun-17 07-Jun-17	BlackRock Fund Advisors BlackRock Investment Management (UK)	in specie in specie	n/a n/a	AUD AUD	ORD ORD	5,624 43,815	5,624 43,815
	Limited	•					
07-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	164,567	164,567
07-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	2	2
07-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	27,184	27,184
07-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
07-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	193	193
07-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	28,858	28,858
07-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-39,599	-39,599
07-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9,618	9,618
08-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	AUD	ORD	21,878	21,878
08-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	AUD	ORD	1,865	1,865
08-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.15	AUD	ORD	-1,798	-1,798
08-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.15	AUD	ORD	899	899
08-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,204	1,204
08-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1	-1
08-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,500	-1,500
08-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,845,024	3,845,024
08-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	21,417	21,417
08-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-54,951	-54,951
08-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	36,560	36,560
08-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,524	-1,524
00 1 47	BlackRock Institutional Trust Company,	on mkt buy	E 00	ALID	ORD	05.070	05.070
09-Jun-17	National Association	on mikt buy	5.28	AUD	OKD	25,670	25,670

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National Association  09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C National Association	ORD 1,029	1,025
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C National Association	ORD 17 99	
	77,00	17,991
	DRD 11,874	11,874
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C	ORD 22,47	22,471
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C National Association	ORD 9,724	9,724
	ORD 8,116	8,116
09-Jun-17 BlackRock Financial Management, Inc. on mkt buy 5.28 AUD C	ORD 944,733	944,733
09-Jun-17 BlackRock Advisors (UK) Limited on mkt buy 5.28 AUD C	ORD 27,928	3 27,928
· ,	ORD 9,99	
09-Jun-17 BlackRock Asset Management Canada on mkt buy 5.28 AUD C	ORD 16,779	9 16,779
Limited	ORD 39,459	· 
	ORD 13,067	
09-Jun-17 BlackRock Investment Management, LLC on mkt buy 5.28 AUD C	ORD 8,630	8,630
· · · · · · · · · · · · · · · · · · ·	ORD 25,696	
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C National Association	ORD 336,48	336,485
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C	ORD 20,50°	20,501
09-Jun-17 BlackRock Financial Management, Inc. on mkt buy 5.28 AUD C	ORD 24,224	1 24,224
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C National Association	ORD 32,029	32,029
09-Jun-17 BlackRock Advisors (UK) Limited on mkt buy 5.28 AUD C	ORD 31,112	2 31,112
· /	ORD 23,149	
09-Jun-17 BlackRock Financial Management, Inc. on mkt buy 5.28 AUD C	ORD 16,057	7 16,057
09-Jun-17 BlackRock Investment Management, LLC on mkt buy 5.28 AUD C	ORD 3,304	3,304
09-Jun-17 BlackRock Institutional Trust Company, on mkt buy 5.28 AUD C National Association	ORD 13,682	2 13,682
09-Jun-17 BlackRock Advisors, LLC on mkt buy 5.32 AUD C	ORD 574,415	5 574,415
09-Jun-17 BlackRock Advisors (UK) Limited on mkt buy 5.32 AUD C	ORD 239	239
09-Jun-17 BlackRock Institutional Trust Company, on mkt sell 5.32 AUD C National Association	ORD -90,113	3 -90,113
09-Jun-17 BlackRock Institutional Trust Company, on mkt sell 5.32 AUD C National Association	ORD -23,429	-23,429
	ORD -11,71	I -11,711
	ORD -34,664	1 -34,664
· · · · · · · · · · · · · · · · · · ·	ORD 2,770	2,770
	ORD -8,320	
<u>'</u>	ORD -7,646	
· · · · · · · · · · · · · · · · · · ·	ORD -9,09	
National Association		
•	ORD 2,079 ORD -26,198	
· · · · · · · · · · · · · · · · · · ·	ORD -3,845,024	
· '	ORD 3,017	
09-Jun-17 BlackRock Investment Management, LLC collateral transfer n/a AUD C	ORD -3,87	5 -3,875
g v ,	ORD 19,146	6 19,146
	ORD 5,832	2 5,832
Limited 12-Jun-17 BlackRock Fund Advisors in specie n/a AUD C	ORD 2,932	) 2.020
· · · · · · · · · · · · · · · · · · ·	ORD 2,932 ORD 554	
	ORD 3,129	
	ORD 298	
·	ORD 2,74	

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities		Person's votes affected
12-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,261	1,26
12-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-273	-273
12-Jun-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-11,102	-11,102
12-Jun-17	Limited BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	5,414	5,414
13-Jun-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	46,405	46,405
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.34	AUD	ORD	-453,729	-453,729
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	24,544	24,54
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.35	AUD	ORD	14,561	14,56
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.35	AUD	ORD	21,318	21,318
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.35	AUD	ORD	7,008	7,008
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	43,310	43,310
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	3,327	3,327
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.35	AUD	ORD	7,872	7,872
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	8,082	8,082
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	16,677	16,677
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	12,177	12,17
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.35	AUD	ORD	50,447	50,44
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.35	AUD	ORD	12,744	12,74
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	5,173	5,17
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	49,690	49,690
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	32,389	32,389
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	59,539	59,539
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	9,898	9,898
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	11,057	11,05
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.35	AUD	ORD	21,501	21,50°
13-Jun-17	BlackRock Advisors, LLC	on mkt buy	5.31	AUD	ORD	89,763	89,763
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.35	AUD	ORD	11,447	11,447
13-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.35	AUD	ORD	26,853	26,853
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.35	AUD	ORD	28,658	28,658
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.35	AUD	ORD	9,988	9,988
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.35	AUD	ORD	11,287	11,287
13-Jun-17	BlackRock International Limited	on mkt buy	5.35	AUD	ORD	62,122	62,122
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.35	AUD	ORD	14,550	14,550
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	359,144	359,144
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	2,564	2,564
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	27,179	27,179
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.35	AUD	ORD	30,702	30,702
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.35	AUD	ORD	6,693	6,693
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	25,959	25,959
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.35	AUD	ORD	26,815	26,815
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.35	AUD	ORD	59,087	59,087
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.35	AUD	ORD	45,970	45,970

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY		number of s affected	Person's votes affected
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.35	AUD	ORD	19,366	19,366
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.35	AUD	ORD	2,790	2,790
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.35	AUD	ORD	8,218	8,218
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	7,665	7,665
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	20,262	20,262
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.37	AUD	ORD	288,766	288,766
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.37	AUD	ORD	4,495	4,495
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.37	AUD	ORD	420	420
13-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.37	AUD	ORD	-156,404	-156,404
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.37	AUD	ORD	65,400	65,400
13-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,330	7,330
13-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	212	212
13-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-110	-110
13-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-880	-880
13-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,933,856	3,933,856
13-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,075	-1,075
13-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	35,183	35,183
	-						
13-Jun-17	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	-30,209	-30,209
13-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-31,635	-31,635
14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	AUD	ORD	11,280	11,280
14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	AUD	ORD	346	346
14-Jun-17	BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-10,347	-10,347
14-Jun-17	BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-90,923	-90,923
14-Jun-17	(Australia) Limited  BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-34,921	-34,921
14-Jun-17	(Australia) Limited  BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-5,094	-5,094
14-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-5,178	-5,178
14-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-53,467	-53,467
14-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-4,847	-4,847
14-Jun-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.44	AUD	ORD	-26,804	-26,804
	(Australia) Limited						
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	3,596	3,596
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	209	209
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	1,580	1,580
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	22,475	22,475
14-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,548	1,548
14-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD	5,385	5,385
14-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	201	201
14-Jun-17 14-Jun-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD	ORD	3,260 -3,933,856	3,260 -3,933,856
14-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-14,305	-3,933,636
	-						
14-Jun-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	11,030	11,030
14-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,578	-9,578
14-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9,392	9,392
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.45	AUD	ORD	16,704	16,704
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.45	AUD	ORD	48,283	48,283
15-Jun-17	BlackRock International Limited	on mkt buy	5.45	AUD	ORD	68,088	68,088
15-Jun-17	BlackRock Institutional Trust Company,	on mkt buy	5.45	AUD	ORD	28,690	28,690
	National Association	,	-	-		-,3	- / 0

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Date of Change	Person whose relevant interest changed	Nature of char Consideration giver change (	in relation to	CCY		Class and number of securities affected	
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.45	AUD	ORD	1,164	affected 1,164
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.45	AUD	ORD	27,367	27,367
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.45	AUD	ORD	9,386	9,386
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.45	AUD	ORD	6,619	6,619
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	60,095	60,095
15-Jun-17	BlackRock Advisors, LLC	on mkt buy	5.45	AUD	ORD	114,796	114,796
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.45	AUD	ORD	11,228	11,228
15-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.45	AUD	ORD	30,621	30,621
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.45	AUD	ORD	25,929	25,929
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.45	AUD	ORD	9,147	9,147
15-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.45	AUD	ORD	12,770	12,770
15-Jun-17	BlackRock Investment Management (UK)	on mkt buy	5.45	AUD	ORD	13,002	13,002
15-Jun-17	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.45	AUD	ORD	323,459	323,459
15-Jun-17	National Association  BlackRock Institutional Trust Company,	on mkt buy	5.45	AUD	ORD	25,144	25,144
15-Jun-17	National Association BlackRock Financial Management, Inc.	on mkt buy	5.45	AUD	ORD	25,159	25,159
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.45	AUD	ORD	24,152	24,152
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	55,487	55,487
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.45	AUD	ORD	42,106	42,106
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.45	AUD	ORD	15,277	15,277
15-Jun-17	BlackRock Institutional Trust Company,	on mkt buy	5.45	AUD	ORD	7,085	7,085
15-Jun-17	National Association BlackRock Asset Management Canada	on mkt buy	5.47	AUD	ORD	2,200	2,200
15-Jun-17	Limited BlackRock Advisors (UK) Limited	on mkt buy	5.42	AUD	ORD	2,697	2,697
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.42	AUD	ORD	2,212	2,212
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.42	AUD	ORD	98,890	98,890
15-Jun-17 15-Jun-17	BlackRock Advisors, LLC BlackRock Japan Co., Ltd.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-125 -1,422	-125 -1,422
15-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,422	-1,422
15-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6,158	6,158
15-Jun-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	-47,214	-47,214
	-						
15-Jun-17	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	42,140	42,140
15-Jun-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	463	463
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.51	AUD	ORD	29,703	29,703
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.51	AUD	ORD	972	972
16-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.50	AUD	ORD	21,280	21,280
16-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.51	AUD	ORD	2,219	2,219
16-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.50	AUD	ORD	-1,561	-1,561
16-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	8,990	8,990
16-Jun-17	BlackRock Investment Management, LLC		5.50	AUD	ORD	-7,220	-7,220
16-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.50	AUD	ORD	18,224	18,224
16-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.50	AUD	ORD	1,924	1,924
16-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.50	AUD	ORD	20,935	20,935
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	26,983	26,983
16-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.50	AUD	ORD	-62,284	-62,284

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities	number of saffected	Person's votes affected
16-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.50	AUD	ORD	-10,332	-10,332
16-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.50	AUD	ORD	-20,854	-20,854
16-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.50	AUD	ORD	-24,832	-24,832
16-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,304	-2,304
16-Jun-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,644	1,644
16-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-165,547	-165,547
16-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-43,934	-43,934
16-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-28	-28
16-Jun-17 16-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a n/a	AUD AUD	ORD ORD	-655 73.400	-655 72.400
16-Jun-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a	AUD	ORD	73,100 276	73,100 276
16-Jun-17	-		n/a	AUD	ORD	-47,859	-47,859
	BlackRock Investment Management, LLC						
16-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	75,826	75,826
16-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,440	2,440
19-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.51	AUD	ORD	-109,077	-109,077
19-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.51	AUD	ORD	-2,927	-2,927
19-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.51	AUD	ORD	76,012	76,012
19-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.51	AUD	ORD	2,164	2,164
19-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.51	AUD	ORD	2,697	2,697
19-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.51	AUD	ORD	899	899
19-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.51	AUD	ORD	634	634
19-Jun-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.51	AUD	ORD	-8,295	-8,295
19-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.51	AUD	ORD	202,417	202,417
19-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	11,092	11,092
19-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,130	-3,130
19-Jun-17 19-Jun-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	1,163,796 -1,738	1,163,796 -1,738
19-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-26,429	-26,429
19-Jun-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	2,826	2,826
19-Jun-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-12,622	-12,622
20-Jun-17	Limited BlackRock Fund Advisors	on mkt buy	5.56	AUD	ORD	14,798	14,798
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.52	AUD	ORD	24,094	24,094
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	AUD	ORD	63,075	63,075
20-Jun-17 20-Jun-17	BlackRock International Limited BlackRock Institutional Trust Company,	on mkt buy on mkt buy	5.52 5.52	AUD AUD	ORD ORD	92,130 36,591	92,130 36,591
20-Jun-17	National Association  BlackRock Investment Management (UK)	on mkt buy	5.52	AUD	ORD	12,940	12,940
20-Jun-17	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.52	AUD	ORD	5,982	5,982
20-Jun-17	National Association  BlackRock Investment Management (UK)	on mkt buy	5.52	AUD	ORD	14,845	14,845
20-Jun-17	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.52	AUD	ORD	14,557	14,557
20-Jun-17	National Association  BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	AUD	ORD	9,152	9,152
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	AUD	ORD	6,385	6,385
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.52	AUD	ORD	67,898	67,898
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.52	AUD	ORD	18,029	18,029
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	6,727	6,727
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	49,268	49,268
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	82,798	82,798

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Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / iven in relation to ge (7)	CCY	Class and securities	number of affected	Person's votes affected
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	10,913	10,91
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	12,092	12,09
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	30,556	30,550
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.52	AUD	ORD	12,446	12,440
20-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.52	AUD	ORD	36,774	36,774
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.52	AUD	ORD	33,932	33,932
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.52	AUD	ORD	11,554	11,554
20-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.52	AUD	ORD	12,991	12,99
20-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.52	AUD	ORD	13,990	13,990
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	AUD	ORD	397,983	397,983
20-Jun-17	BlackRock Institutional Trust Company,	on mkt buy	5.52	AUD	ORD	3,794	3,794
20-Jun-17	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	AUD	ORD	31,380	31,380
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.52	AUD	ORD	32,336	32,336
20-Jun-17	BlackRock Institutional Trust Company,	on mkt buy	5.52	AUD	ORD	31,650	31,650
20-Jun-17	National Association  BlackRock Investment Management (UK)	on mkt buy	5.52	AUD	ORD	33,183	33,183
	Limited	<u>.</u>					
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.52	AUD	ORD	77,660	77,660
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.52	AUD	ORD	58,911	58,91
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.52	AUD	ORD	133,026	133,02
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.52	AUD	ORD	15,137	15,13
20-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.52	AUD	ORD	3,840	3,840
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	AUD	ORD	12,016	12,016
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.52	AUD	ORD	107,051	107,05
20-Jun-17	BlackRock Institutional Trust Company,	on mkt buy	5.53	AUD	ORD	4,429	4,429
20-Jun-17	National Association  BlackRock Investment Management	on mkt sell	5.52	AUD	ORD	-10,116	-10,110
20-Jun-17	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	5.52	AUD	ORD	-85,478	-85,478
20-Jun-17	BlackRock Investment Management	on mkt sell	5.52	AUD	ORD	-33,828	-33,828
20-Jun-17	(Australia) Limited  BlackRock Investment Management	on mkt sell	5.52	AUD	ORD	-5,949	-5,949
20-Jun-17	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	5.52	AUD	ORD	-5,499	-5,499
20-Jun-17	BlackRock Advisors, LLC	on mkt sell	5.52	AUD	ORD	-31,391	-31,39
20-Jun-17	BlackRock Investment Management	on mkt sell	5.52	AUD	ORD	-65,568	-65,568
	(Australia) Limited				_	,	,
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.52	AUD	ORD	-4,570	-4,570
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.52	AUD	ORD	-24,715	-24,71
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.52	AUD	ORD	-397,851	-397,85
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	AUD	ORD	1,081	1,08
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	894	894
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	4,495	4,495
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	2,219	2,219
20-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.50	AUD	ORD	66,762	66,762
20-Jun-17	BlackRock Fund Advisors	on mkt sell	5.50	AUD	ORD	-24,087	-24,087
20-Jun-17 20-Jun-17	BlackRock Fund Advisors	on mkt sell	5.50	AUD	ORD	-24,067	-24,067
20-Jun-17 20-Jun-17	BlackRock Fund Advisors	on mkt sell	5.50	AUD	ORD	-12,156	-2,606 -12,156
20-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.50	AUD	ORD	19,166	19,166
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.53	AUD	ORD	17,081	17,08
20-Jun-17	BlackRock Investment Management	on mkt buy	5.50	AUD	ORD	159,968	159,968
	(Australia) Limited	<b>.</b>	<del>-</del>	= -	- · <del>-</del>	,	,

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	CCY	Class and number of securities affected		Person's votes affected
20-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,780	4,780
20-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,150	-6,150
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-88,181	-88,181
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-39,020	-39,020
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,983	-3,983
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,123	-5,123
20-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-3,175	-3,175
20-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,557	-7,557
20-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,875,201	2,875,20
20-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-4,271	-4,27
20-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	265,091	265,091
20-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-209,170	-209,170
20-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-40,917	-40,917
21-Jun-17	BlackRock Institutional Trust Company,	on mkt sell	5.49	AUD	ORD	-697	-697
21-Jun-17	National Association  BlackRock Institutional Trust Company,	on mkt sell	5.49	AUD	ORD	-775	-775
21-Jun-17	National Association  BlackRock Institutional Trust Company,	on mkt sell	5.49	AUD	ORD	-22,674	-22,674
21-Jun-17	National Association  BlackRock Institutional Trust Company,	on mkt buy	5.49	AUD	ORD	15,722	15,722
	National Association	•					
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	AUD	ORD	8,430	8,430
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	AUD	ORD	1,339	1,339
21-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	2,697	2,697
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.50	AUD	ORD	-22,168	-22,168
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.50	AUD	ORD	-1,757	-1,757
21-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.50	AUD	ORD	-5,287	-5,287
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	140,737	140,737
21-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,662	3,662
21-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-476	-476
21-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,101	-2,101
21-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,824,919	1,824,919
21-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-705	-705
	-						
21-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	74,576	74,576
21-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	510,534	510,534
21-Jun-17	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-3,828	-3,828
22-Jun-17	Limited  BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	10,206	10,206
22-Jun-17	National Association BlackRock Institutional Trust Company,	on mkt buy	5.56	AUD	ORD	1,670	1,670
22-Jun-17	National Association  BlackRock Advisors (UK) Limited	on mkt buy	5.56	AUD	ORD	317	317
22-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.56	AUD	ORD	-7,192	-7,192
22-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.58	AUD	ORD	-19,908	-19,908
22-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	165,547	165,547
22-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	43,934	43,934
22-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-3,928	-3,928
22-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,555	7,555
22-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,098,336	2,098,336
22-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-26,546	-26,546
22-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-112,504	-112,504
22-Jun-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	143,074	143,074
22-Jun-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-7,650	-7,650
Juli 17	Limited	Salatoral transfer	1114	, 100	O.C.D	7,000	7,000

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY	Class and securities		Person's votes affected
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.57	AUD	ORD	-94,974	-94,974
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	1,365	1,365
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	25,180	25,180
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	25,725	25,725
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	73,691	73,691
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	3,213	3,213
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	56,738	56,738
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.57	AUD	ORD	62,006	62,006
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	8,863	8,863
23-Jun-17	BlackRock Asset Management Canada	on mkt buy	5.57	AUD	ORD	26,683	26,683
23-Jun-17	Limited  BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	30,005	30,005
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	10,915	10,915
23-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.57	AUD	ORD	10,788	10,788
23-Jun-17	BlackRock International Limited	on mkt buy	5.57	AUD	ORD	103,563	103,563
23-Jun-17 23-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.57	AUD	ORD	10,500	103,563
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	341,383	341,383
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	22,101	22,101
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	34,354	34,354
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	30,289	30,289
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.57	AUD	ORD	61,515	61,515
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.57	AUD	ORD	48,892	48,892
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.57	AUD	ORD	11,391	11,391
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.57	AUD	ORD	9,244	9,244
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.57	AUD	ORD	-1,788	-1,788
23-Jun-17	BlackRock Asset Management Canada Limited	on mkt sell	5.58	AUD	ORD	-1,411	-1,411
23-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.58	AUD	ORD	417	417
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	88,181	88,181
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	3,983	3,983
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	39,020	39,020
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	5,123	5,123
23-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-2,487	-2,487
23-Jun-17 23-Jun-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	29,068 -3,940,744	29,068 -3,940,744
23-Jun-17 23-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3,940,744 -6	-3,940,744 -6
23-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	43,639	43,639
23-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,910,637	3,910,637
23-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	11,191	11,191
26-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	1,664	1,664
26-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	27,588	27,588
26-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,520	3,520
26-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,102	-6,102
26-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,332	4,332

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Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number or securities affected		votes	
26-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-362	-362	
26-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-31,384	-31,384	
26-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,487,624	-1,487,624	
26-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2	2	
	-						50.204	
26-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	59,394	59,394	
26-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,177,558	-4,177,558	
26-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,391	-5,391	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-9,672	-9,672	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-74,496	-74,496	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-32,175	-32,175	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-4,969	-4,969	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-5,575	-5,575	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-62,117	-62,117	
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-4,265	-4,265	
27-Jun-17	BlackRock Investment Management	on mkt sell	5.61	AUD	ORD	-20,712	-20,712	
27-Jun-17	(Australia) Limited BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	1,716	1,716	
27-Jun-17		an malet have	F C4	ALID	ODD	2.070	0.070	
	BlackRock Advisors (UK) Limited	on mkt buy	5.61	AUD	ORD	2,676	2,676	
27-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.63	AUD	ORD	899	899	
27-Jun-17	BlackRock Japan Co., Ltd.	on mkt sell	5.63	AUD	ORD	-5,389	-5,389	
27-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.63	AUD	ORD	5,852	5,852	
27-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.63	AUD	ORD	989	989	
27-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,560	10,560	
27-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,576	4,576	
27-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	554	554	
27-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	0	C	
27-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	755	755	
27-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,667,656	-2,667,656	
27-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	9	9	
27-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	13,780	13,780	
27-Jun-17	BlackRock Investment Management (UK)		n/a	AUD	ORD	-41,247	-41,247	
27-Jun-17	Limited			AUD	ORD	-3,297	-3,297	
	BlackRock Asset Management North Asia Limited		n/a					
28-Jun-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.59	AUD	ORD	-4,691	-4,691	
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	730	730	
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	21,745	21,745	
28-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	28,484	28,484	
28-Jun-17	BlackRock Investment Management, LLC		5.61	AUD	ORD	29,341	29,341	
	BlackRock Investment Management (UK)	on mkt buy	5.61	AUD	ORD	9,869	9,869	
28-Jun-17	Limited							
28-Jun-17	Limited  BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	76,201	76,201	
	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.61 5.61	AUD	ORD ORD	76,201 4,468		
28-Jun-17	Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company,	•					4,468	
28-Jun-17 28-Jun-17	Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Investment Management (UK)	on mkt buy	5.61	AUD	ORD	4,468	4,468 10,950	
28-Jun-17 28-Jun-17 28-Jun-17	Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company,	on mkt buy on mkt buy on mkt buy	5.61	AUD	ORD ORD	4,468	4,468 10,950 9,974	
28-Jun-17 28-Jun-17 28-Jun-17 28-Jun-17	Limited  BlackRock Institutional Trust Company, National Association  BlackRock Institutional Trust Company, National Association  BlackRock Investment Management (UK) Limited  BlackRock Institutional Trust Company, National Association	on mkt buy	5.61 5.61 5.61	AUD AUD	ORD ORD ORD	4,468 10,950 9,974	76,201 4,468 10,950 9,974 53,078 5,312	

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY		number of s affected	Person's votes affected
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.62	AUD	ORD	135,458	135,458
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.61	AUD	ORD	31,803	31,80
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.61	AUD	ORD	51,295	51,29
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.61	AUD	ORD	8,518	8,51
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	5.61	AUD	ORD	9,638	9,63
28-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	6,954	6,95
28-Jun-17	BlackRock Asset Management Canada	on mkt buy	5.61	AUD	ORD	24,423	24,423
28-Jun-17	Limited  BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	30,733	30,73
28-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	11,201	11,20
28-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.61	AUD	ORD	9,190	9,19
28-Jun-17	BlackRock International Limited	on mkt buy	5.61	AUD	ORD	113,400	113,40
28-Jun-17	BlackRock Investment Management (UK)	on mkt buy	5.61	AUD	ORD	9,960	9,96
	Limited	•					
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	304,416	304,41
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	1,880	1,88
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	20,090	20,09
28-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	29,898	29,89
28-Jun-17	BlackRock Institutional Trust Company,	on mkt buy	5.61	AUD	ORD	30,596	30,59
28-Jun-17	National Association  BlackRock Investment Management (UK) Limited	on mkt buy	5.61	AUD	ORD	22,517	22,51
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.61	AUD	ORD	54,068	54,06
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.61	AUD	ORD	42,244	42,24
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.61	AUD	ORD	81,880	81,88
28-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.61	AUD	ORD	11,604	11,60
28-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.61	AUD	ORD	2,990	2,99
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	7,164	7,16
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.61	AUD	ORD	10,627	10,62
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.60	AUD	ORD	725	72
28-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,280	5,28
28-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,379	-1,37
28-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,242	1,24
28-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,634,735	3,634,73
28-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6,537	6,53
28-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-43,349	-43,34
28-Jun-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	26,941	26,94
28-Jun-17	Limited  BlackRock Asset Management North Asia		n/a	AUD	ORD	10,008	10,00
29-Jun-17	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.82	AUD	ORD	762	76
23-34II-17	National Association	On mikt buy	3.02	AOD	OND	702	70
29-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.86	AUD	ORD	725	72
29-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.86	AUD	ORD	2,676	2,67
29-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,280	5,28
29-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,280	5,28
29-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	38	3
29-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	764	76
29-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,242,918	-4,242,91
29-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-6,584	-6,58
29-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-61,988	-61,98
29-Jun-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	62,907	62,90
29-Jun-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	4,863	4,86
30-Jun-17	Limited  BlackRock Institutional Trust Company,	on mkt sell	5.74	AUD	ORD	-39,052	-39,05
oo Juli 17	National Association	C.I IIII GOII	J.1 <del>T</del>	, (0)	OND	00,002	55,00

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Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / iven in relation to ge (7)	CCY		number of s affected	Person's votes affected
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.74	AUD	ORD	-13,694	-13,694
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.74	AUD	ORD	-13,635	-13,635
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.74	AUD	ORD	-381,612	-381,612
30-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	11,333	11,333
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	49,535	49,535
30-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	5.75	AUD	ORD	32,517	32,517
30-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	34,773	34,773
30-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	11,719	11,719
30-Jun-17	BlackRock Investment Management, LLC	on mkt buy	5.75	AUD	ORD	11,403	11,403
30-Jun-17	BlackRock International Limited	on mkt buy	5.75	AUD	ORD	77,342	77,342
30-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.75	AUD	ORD	10,668	10,668
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	378,953	378,953
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	11,044	11,044
30-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	32,038	32,038
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	31,521	31,521
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	AUD	ORD	67,358	67,358
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	AUD	ORD	53,200	53,200
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	14,047	14,047
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	5.72	AUD	ORD	-3,620	-3,620
30-Jun-17	Australia) Limited	on mkt sell	5.72	AUD	ORD	-561	-561
30-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.72	AUD	ORD	-328	-328
30-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.72	AUD	ORD	3,614	3,614
30-Jun-17 30-Jun-17	BlackRock Fund Advisors	on mkt buy	5.72 5.72	AUD AUD	ORD ORD	38,423	38,423 -17,029
	BlackRock Institutional Trust Company, National Association	on mkt sell				-17,029	
30-Jun-17 30-Jun-17	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell	5.72 5.72	AUD AUD	ORD ORD	-76,802 -54,437	-76,802 -54,437
	(Australia) Limited						
30-Jun-17 30-Jun-17	BlackRock Japan Co., Ltd.  BlackRock Institutional Trust Company,	on mkt sell on mkt buy	5.72 5.72	AUD AUD	ORD ORD	-16,914 23,146	-16,914 23,146
	National Association					·	
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,080	14,080
30-Jun-17 30-Jun-17	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	5,280 8,800	5,280 8,800
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,204	-12,204
30-Jun-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,554	-1,554
30-Jun-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,671	-1,671
30-Jun-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,700	-12,700
30-Jun-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6,500	6,500
30-Jun-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	62,953	62,953
30-Jun-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-65,505	-65,505
30-Jun-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-722	-722
03-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.71	AUD	ORD	1,339	1,339
03-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.71	AUD	ORD	1,339	1,339
03-Jul-17	BlackRock Advisors, LLC	on mkt sell	5.71	AUD	ORD	-31,061	-31,061
03-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	244	244
03-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,005	3,005
03-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	115,289	115,289
03-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
03-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,311,046	2,311,046

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY		number of s affected	Person's votes affected
03-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	78,529	78,529
03-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	461,569	461,569
03-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9,006	9,006
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-5,326	-5,326
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-57,333	-57,333
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-18,589	-18,589
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-3,179	-3,179
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-3,185	-3,185
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-31,891	-31,891
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-2,424	-2,424
04-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-423	-423
04-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,122	-5,122
04-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-115,289	-115,289
04-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
04-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,317,573	-2,317,573
04-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-101,462	-101,462
04-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-423,555	-423,555
04-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-15,263	-15,263
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-3,293	-3,293
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-35,443	-35,443
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-11,492	-11,492
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-1,965	-1,965
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-1,969	-1,969
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-19,714	-19,714
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-1,498	-1,498
05-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.76	AUD	ORD	1,450	1,450
05-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.76	AUD	ORD	4,017	4,017
05-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.76	AUD	ORD	725	725
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.76	AUD	ORD	21,454	21,454
05-Jul-17	BlackRock Advisors, LLC	on mkt buy	5.76	AUD	ORD	95,616	95,616
05-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	AUD	ORD	2,452	2,452
05-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,921	4,921
05-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,340	7,340
05-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,136	-8,136
05-Jul-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-78,213	-78,213
05-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,482	-1,482
05-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,381,801	4,381,801
05-Jul-17 05-Jul-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-3 36	-3 36
05-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-102,532	-102,532
05-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	77,734	77,734
05-Jul-17	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	30,146	30,146
	Limited						
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.74	AUD	ORD	249	249
06-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.75	AUD	ORD	31,587	31,587

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities	number of affected	Person's votes affected
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	AUD	ORD	46,151	46,151
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.75	AUD	ORD	44,010	44,010
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	173,473	173,473
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	31,406	31,406
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	AUD	ORD	42,591	42,591
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	AUD	ORD	34,270	34,270
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	AUD	ORD	69,934	69,934
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	19,229	19,229
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.75	AUD	ORD	6,855	6,855
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	3,794	3,794
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.75	AUD	ORD	7,894	7,894
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	7,355	7,355
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.75	AUD	ORD	4,547	4,547
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.75	AUD	ORD	28,750	28,750
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.75	AUD	ORD	5,433	5,433
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.75	AUD	ORD	5,935	5,935
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.75	AUD	ORD	21,053	21,053
06-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	5.75	AUD	ORD	19,825	19,825
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	20,580	20,580
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	7,391	7,391
06-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.75	AUD	ORD	8,247	8,247
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	4,766	4,766
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.75	AUD	ORD	19,963	19,963
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	20,092	20,092
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.75	AUD	ORD	21,470	21,470
06-Jul-17	BlackRock Investment Management, LLC		5.75	AUD	ORD	2,328	2,328
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	6,250	6,250
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	AUD	ORD	8,353	8,353
06-Jul-17 06-Jul-17	BlackRock Japan Co., Ltd. BlackRock Financial Management, Inc.	on mkt buy on mkt buy	5.75 5.75	AUD AUD	ORD ORD	91,594 6,579	91,594 6,579
06-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	5.75	AUD	ORD	52,379	52,379
06-Jul-17	National Association  BlackRock International Limited	on mkt buy	5.75	AUD	ORD	64,697	64,697
06-Jul-17	BlackRock Investment Management (UK)	on mkt buy	5.75	AUD	ORD	2,084	2,084
06-Jul-17	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.75	AUD	ORD	2,018	2,018
06-Jul-17	National Association BlackRock Advisors, LLC	on mkt sell	5.75	AUD	ORD	-65,195	-65,195
			5.75	AUD	ORD		
06-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell				-4,606	-4,606
06-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,505	5,505
06-Jul-17 06-Jul-17	BlackRock Fund Advisors  BlackRock Investment Management (Australia) Limited	in specie in specie	n/a n/a	AUD	ORD ORD	2,366 -207,512	2,366 -207,512
06-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	99	99
06-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,379,590	-4,379,590
06-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,910	11,910
06-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	18	18
06-Jul-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	-10,358	-10,358
06-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-81,623	-81,623

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Constraint   Con	Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and i securities		Person's votes affected
	06-Jul-17				AUD	ORD	85,750	85,750
National Association   National Front Company,   On mist sell   5.76   AUD   ORD   -3.222	07-Jul-17	BlackRock Fund Advisors	on mkt buy	5.72	AUD	ORD	11,492	11,492
National Association	07-Jul-17		on mkt sell	5.76	AUD	ORD	-14,745	-14,745
National Association   Association   Selection   Sel	07-Jul-17		on mkt sell	5.76	AUD	ORD	-3,222	-3,222
67-Jul-17         BlackRock Advisors (UK) Limited on mixt buy         5.77         AUD         ORD         1,790           67-Jul-17         BlackRock Advisors (UK) Limited on mixt buy         5.77         AUD         ORD         72.0           67-Jul-17         BlackRock Fund Advisors         on mixt buy         5.77         AUD         ORD         72.0           67-Jul-17         BlackRock Fund Advisors         in spacie         n/a         AUD         ORD         1,879           67-Jul-17         BlackRock Fund Advisors         in spacie         n/a         AUD         ORD         2,512         2           67-Jul-17         BlackRock Fund Advisors         in spacie         n/a         AUD         ORD         25,121         2           67-Jul-17         BlackRock Januar Management (UK)         in spacie         n/a         AUD         ORD         25,221         2           67-Jul-17         BlackRock Aprisons (UK) Limited         collateral transfer         n/a         AUD         ORD         145,890         1-1           67-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         145,890         1-1           67-Jul-17         BlackRock Advisors (UK) Limited         collater	07-Jul-17		on mkt sell	5.76	AUD	ORD	-3,520	-3,520
07-Jul-17         BlackRock Advisors (UK) Limited on mix buy         5.77         AUD         ORD         1,450           07-Jul-17         BlackRock (Netherlands) B.V.         on mix buy         5.77         AUD         ORD         4,879           07-Jul-17         BlackRock (Netherlands) B.V.         on mix buy         5.77         AUD         ORD         4,879           07-Jul-17         BlackRock Fund Advisors         in specie         n\(^0AUD         ORD         1,340           07-Jul-17         BlackRock Fund Advisors         in specie         n\(^0AUD         ORD         2,3121         2           07-Jul-17         BlackRock Institutional Trust Company, In specie         n\(^0AUD         AUD         ORD         2,058           07-Jul-17         BlackRock Institutional Trust Company, In specie         n\(^0AUD         AUD         ORD         -2,058           07-Jul-17         BlackRock Advisors (LIN) Limited         collateral transfer         n\(^0AUD         ORD         -32,053         -3           07-Jul-17         BlackRock Advisors (LIN) Limited         collateral transfer         n\(^0AUD         ORD         -145,800         10           07-Jul-17         BlackRock Advisors (LIN) Limited         collateral transfer         n\(^0AUD         ORD         -1	07-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.73	AUD	ORD	-2,678	-2,678
07-Jul-17         BlackRock Fund Advisors         on mix buy         5.77         AUD         ORD         720           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         14,869           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         17,860           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         22,121         2           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         22,121         2           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         22,053           07-Jul-17         BlackRock Advisors         IL         onlisteral transfer         n/a         AUD         ORD         32           07-Jul-17         BlackRock Advisors (UK) Limited         collsteral transfer         n/a         AUD         ORD         -145,800         1-6           07-Jul-17         BlackRock Advisors (UK) Limited         collsteral transfer         n/a         AUD         ORD         -26,448         -2           07-Jul-17         BlackRock Rock investment Management North Asia </td <td>07-Jul-17</td> <td>BlackRock Advisors (UK) Limited</td> <td>on mkt buy</td> <td>5.77</td> <td>AUD</td> <td>ORD</td> <td>1,790</td> <td>1,790</td>	07-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.77	AUD	ORD	1,790	1,790
07-Jul-17         BlackRock (Nehrerlande) B.V.         on mix buy         5.77         AUD         ORD         4.879           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         7.340           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         7.340           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         2.3121 <td>07-Jul-17</td> <td>BlackRock Advisors (UK) Limited</td> <td>on mkt buy</td> <td>5.77</td> <td>AUD</td> <td>ORD</td> <td>1,450</td> <td>1,450</td>	07-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.77	AUD	ORD	1,450	1,450
197-Jul-17   BlackRock Fund Advisors   in specie   n/a   AUD   ORD   14,888   07-Jul-17   BlackRock Fund Advisors   in specie   n/a   AUD   ORD   7,340   ORD   7,340   ORD   7,340   ORD   7,340   ORD   7,340   ORD   23,121   0.07-Jul-17   BlackRock Fund Advisors   in specie   n/a   AUD   ORD   23,121   0.07-Jul-17   BlackRock Institutional Trust Company, National Association   National	07-Jul-17	BlackRock Fund Advisors	on mkt buy	5.77	AUD	ORD	720	720
67-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         7,34d           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         2,058           07-Jul-17         BlackRock Institutional Trust Company, Institutional Trust Company, Institutional Association         n pecie         n/a         AUD         ORD         32,053         -3           07-Jul-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         32,053         -3           07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -14,580         -1           07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -11,910         -2           07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -26,448         -2           07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -57,130         -5           07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD	07-Jul-17	BlackRock (Netherlands) B.V.	on mkt buy	5.77	AUD	ORD	4,879	4,879
07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         23,121         3           07-Jul-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         2,058           07-Jul-17         BlackRock Maltutional Trust Company, National Association         n specie         n/a         AUD         ORD         -32,053         -3           07-Jul-17         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -14,800         -1           07-Jul-17         BlackRock From Collateral transfer         n/a         AUD         ORD         -11,910         -2           07-Jul-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -11,910         -2           07-Jul-17         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         -26,448         -2           07-Jul-17         BlackRock Alexandros (WK) Limited         collateral transfer         n/a         AUD         ORD         -57,130         -5           07-Jul-17         BlackRock Advisors (UK) Limited         on mkt seil         5,83         AUD         ORD         -1,339<	07-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,680	14,680
	07-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,340	7,340
Limited   ORD   -32,053   -32,053   -32,053   -32,053   -32,053   -32,053   -32,053   -32,053   -32,053   -32,053   -32,053   -32,054   -32,053   -32,054	07-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,121	23,121
National Association	07-Jul-17		in specie	n/a	AUD	ORD	2,058	2,058
07-Jul-17         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -145,800         -1           07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -19.19         -2           07-Jul-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -26,448         -2           07-Jul-17         BlackRock Investment Management, UK)         collateral transfer         n/a         AUD         ORD         -95,039         9           07-Jul-17         BlackRock Investment Management North Asia         collateral transfer         n/a         AUD         ORD         -57,130         -5           07-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -57,130         -5           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -1,739           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD<	07-Jul-17		in specie	n/a	AUD	ORD	-32,053	-32,053
07-Jul-17         BlackRook Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -145,800         -1           07-Jul-17         BlackRook Arisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -11,910         -7           07-Jul-17         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -26,448         -7           07-Jul-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -26,448         -7           07-Jul-17         BlackRock Asset Management North Asia         collateral transfer         n/a         AUD         ORD         95,039         6           10-Jul-17         BlackRock Asset Management North Asia         collateral transfer         n/a         AUD         ORD         -57,130         -6           10-Jul-17         BlackRock Advisors (UK) Limited         on mix sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited         on mix sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited         on mix sell         5.83         AUD	07-Jul-17		collateral transfer	n/a	AUD	ORD	32	32
07-Jul-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -11,910         -7           07-Jul-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -26,448         -7           07-Jul-17         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         -26,448         -7           07-Jul-17         BlackRock Investment Management (IK)         collateral transfer         n/a         AUD         ORD         -95,039         6           07-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -11,339           10-Jul-17         BlackRock Advisors (UK) Limited on mkt sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited on mkt sell         5.83         AUD         ORD         -1,4139           10-Jul-17         BlackRock Advisors (UK) Limited on mkt sell         5.83         AUD         ORD         -1,578           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         1,145           10-Jul-17         BlackRock In		· · · · · · · · · · · · · · · · · · ·						-145,800
07-Jul-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -2           07-Jul-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -26,448         -2           07-Jul-17         BlackRock Investment Management North Asia         collateral transfer         n/a         AUD         ORD         -57,130         -1           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         -1,339           10-Jul-17         BlackRock Advisors (UK) Limited         on mkt sell         5.83         AUD         ORD         1,139           10-Jul-17         BlackRock Advisors (UK) Limited         on lateral transfer         n/a         AUD         ORD         117           10-Jul-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -2         -2         -2         -2<								-11,910
07-Jul-17   BlackRock Asset Management (UK)   collateral transfer   n/a   AUD   ORD   95,039   07-Jul-17   BlackRock Asset Management North Asia   collateral transfer   n/a   AUD   ORD   -57,130   07-Jul-17   BlackRock Advisors (UK) Limited   on mixt sell   5.83   AUD   ORD   -1,339   10-Jul-17   BlackRock Advisors (UK) Limited   on mixt sell   5.83   AUD   ORD   -1,339   10-Jul-17   BlackRock Advisors (UK) Limited   on mixt sell   5.83   AUD   ORD   -2,678   10-Jul-17   BlackRock Advisors (UK) Limited   on mixt sell   5.83   AUD   ORD   -2,678   10-Jul-17   BlackRock Advisors (UK) Limited   on mixt sell   5.83   AUD   ORD   117   10-Jul-17   BlackRock Advisors (UK) Limited   collateral transfer   n/a   AUD   ORD   117   10-Jul-17   BlackRock Advisors (UK) Limited   collateral transfer   n/a   AUD   ORD   0.00   0.								-2
United	07-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-26,448	-26,448
10-Jul-17   BlackRock Asset Management North Asia   collateral transfer   n/a   AUD   ORD   -57,130   -5	07-Jul-17		collateral transfer	n/a	AUD	ORD	95,039	95,039
10-Jul-17   BlackRock Advisors (UK) Limited on mkt sell   5.83   AUD   ORD   -1.339	07-Jul-17	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-57,130	-57,130
10-Jul-17   BlackRock Advisors (UK) Limited on mkt sell   5.83   AUD   ORD   -1,338     10-Jul-17   BlackRock Advisors (UK) Limited on mkt sell   5.83   AUD   ORD   -2,678     10-Jul-17   BlackRock Advisors (UK) Limited   Collateral transfer   n/a   AUD   ORD   117     10-Jul-17   BlackRock Japan Co., Ltd.   Collateral transfer   n/a   AUD   ORD   1,454     10-Jul-17   BlackRock Advisors (UK) Limited   Collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Kinstrainal Management, Inc.   Collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Investment Management, Inc.   Collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Investment Management (UK)   Collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Investment Management (UK)   Collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Asset Management North Asia   Collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Institutional Trust Company,   On mkt buy   5.86   AUD   ORD   30,020   Collateral transfer   N/a   AUD   ORD   34,687   Collateral transfer   N/a   AUD   ORD   5,343   Collateral transfer   N/a   AUD   ORD   6,453   Collateral transfer   N/a   AUD   O	10-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.83	AUD	ORD	-1,339	-1,339
10-Jul-17   BlackRock Advisors (UK) Limited								-1,339
10-Jul-17   BlackRock Advisors, LLC   collateral transfer   n/a   AUD   ORD   117     10-Jul-17   BlackRock Japan Co., Ltd.   collateral transfer   n/a   AUD   ORD   1,454     10-Jul-17   BlackRock Advisors (UK) Limited   collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Financial Management, Inc.   collateral transfer   n/a   AUD   ORD   0     10-Jul-17   BlackRock Investment Management, LLC   collateral transfer   n/a   AUD   ORD   -22,721   -27     10-Jul-17   BlackRock Investment Management (UK)   collateral transfer   n/a   AUD   ORD   13,646   -27     10-Jul-17   BlackRock Asset Management (UK)   collateral transfer   n/a   AUD   ORD   0   0     10-Jul-17   BlackRock Asset Management (UK)   collateral transfer   n/a   AUD   ORD   0   0   0     11-Jul-17   BlackRock Institutional Trust Company,   on mkt buy   5,86   AUD   ORD   30,020   0   0   0   0   0     11-Jul-17   BlackRock Investment Management, LLC   on mkt buy   5,86   AUD   ORD   34,687   0   0   0   0   0   0   0   0   0	10-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.83	AUD	ORD	-2,678	-2,678
10-Jul-17   BlackRock Advisors (UK) Limited   collateral transfer   n/a   AUD   ORD   0	10-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	117	117
10-Jul-17   BlackRock Investment Management, Inc.   collateral transfer   n/a   AUD   ORD   -1	10-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,454	1,454
10-Jul-17 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -22,721 -2  10-Jul-17 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 13,646 1  10-Jul-17 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 7,503 1  Limited 11-Jul-17 BlackRock Institutional Trust Company, National Association 1  11-Jul-17 BlackRock Institutional Trust Company, National Association 1  11-Jul-17 BlackRock Investment Management (UK) on mkt buy 5.86 AUD ORD 34,687 3  11-Jul-17 BlackRock Institutional Trust Company, on mkt buy 5.86 AUD ORD 11,697 1  11-Jul-17 BlackRock Institutional Trust Company, on mkt buy 5.86 AUD ORD 5,343 National Association 1  11-Jul-17 BlackRock Institutional Trust Company, on mkt buy 5.86 AUD ORD 13,714 1  11-Jul-17 BlackRock Institutional Trust Company, on mkt buy 5.86 AUD ORD 12,933 1  11-Jul-17 BlackRock Advisors (UK) Limited on mkt buy 5.86 AUD ORD 93,873 9  11-Jul-17 BlackRock Advisors (UK) Limited on mkt buy 5.86 AUD ORD 93,873 9  11-Jul-17 BlackRock Advisors (UK) Limited on mkt buy 5.86 AUD ORD 130,221 13  11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 130,221 13  11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 130,221 13  11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 40,334 4  11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 64,533 6  11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 8,876 11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Advisor Oc., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Adpan Co., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Advisor Oc., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17 BlackRock Advisor Oc., Ltd. on mkt buy 5.86 AUD ORD 9,954 11-Jul-17	10-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	C
10-Jul-17   BlackRock Investment Management (UK)   Collateral transfer   n/a   AUD   ORD   13,646   1.	10-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
Limited   BlackRock Asset Management North Asia   collateral transfer   n/a   AUD   ORD   7,503	10-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-22,721	-22,721
Limited	10-Jul-17		collateral transfer	n/a	AUD	ORD	13,646	13,646
National Association	10-Jul-17		collateral transfer	n/a	AUD	ORD	7,503	7,503
11-Jul-17         BlackRock Investment Management (UK) on mkt buy Limited         5.86         AUD         ORD         11,697         4           11-Jul-17         BlackRock Institutional Trust Company, National Association         on mkt buy         5.86         AUD         ORD         13,714         7           11-Jul-17         BlackRock Investment Management (UK) Limited         on mkt buy         5.86         AUD         ORD         13,714         7           11-Jul-17         BlackRock Institutional Trust Company, National Association         on mkt buy         5.86         AUD         ORD         12,933         7           11-Jul-17         BlackRock Advisors (UK) Limited         on mkt buy         5.86         AUD         ORD         93,873         9           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         6,453           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         40,334         4           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         64,533         6           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD	11-Jul-17		on mkt buy	5.86	AUD	ORD	30,020	30,020
Limited     SlackRock Institutional Trust Company,   On mkt buy   S.86   AUD   ORD   S,343   National Association     S.86   AUD   ORD   S,343   National Association     S.86   AUD   ORD   S.843   National Association     S.86   AUD   ORD   S.86   AUD   ORD   S.8714   S.86   AUD   ORD   S.8714   S	11-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.86	AUD	ORD	34,687	34,687
National Association   11-Jul-17   BlackRock Investment Management (UK)   on mkt buy   5.86   AUD   ORD   13,714   7.5	11-Jul-17		on mkt buy	5.86	AUD	ORD	11,697	11,697
Limited		National Association	•	5.86			-	5,343
National Association           11-Jul-17         BlackRock Advisors (UK) Limited         on mkt buy         5.86         AUD         ORD         93,873         9           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         6,453           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         130,221         13           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         64,533         6           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         8,876           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         9,954           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         26,216         2           11-Jul-17         BlackRock Asset Management Canada Limited         on mkt buy         5.86         AUD         ORD         56,660         5           11-Jul-17         BlackRock Financial Management, Inc.         on mkt buy         5.86         AUD         ORD         56,660         5		Limited	·	5.86				13,714
11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         6,453           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         130,221         13           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         64,533         6           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         8,876           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         9,954           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         26,216         2           11-Jul-17         BlackRock Asset Management Canada Limited         on mkt buy         5.86         AUD         ORD         40,113         4           11-Jul-17         BlackRock Financial Management, Inc.         on mkt buy         5.86         AUD         ORD         56,660         5		National Association	·					12,933
11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         130,221         140,334         42,22         42,22         430,22		· · · · · · · · · · · · · · · · · · ·						93,873
11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         40,334         40           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         64,533         60           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         9,954           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         26,216         22           11-Jul-17         BlackRock Asset Management Canada Limited         on mkt buy         5.86         AUD         ORD         40,113         4           11-Jul-17         BlackRock Financial Management, Inc.         on mkt buy         5.86         AUD         ORD         56,660         5		· · · · · · · · · · · · · · · · · · ·						6,453
11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         64,533         6           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         8,876           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         9,954           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         26,216         2           11-Jul-17         BlackRock Asset Management Canada Limited         on mkt buy         5.86         AUD         ORD         40,113         4           11-Jul-17         BlackRock Financial Management, Inc.         on mkt buy         5.86         AUD         ORD         56,660         5			•					130,221
11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         8,876           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         9,954           11-Jul-17         BlackRock Japan Co., Ltd.         on mkt buy         5.86         AUD         ORD         26,216         2           11-Jul-17         BlackRock Asset Management Canada Limited         on mkt buy         5.86         AUD         ORD         40,113         4           11-Jul-17         BlackRock Financial Management, Inc.         on mkt buy         5.86         AUD         ORD         56,660         8								40,334
11-Jul-17BlackRock Japan Co., Ltd.on mkt buy5.86AUDORD9,95411-Jul-17BlackRock Japan Co., Ltd.on mkt buy5.86AUDORD26,216211-Jul-17BlackRock Asset Management Canada Limitedon mkt buy5.86AUDORD40,113411-Jul-17BlackRock Financial Management, Inc.on mkt buy5.86AUDORD56,6605								64,533
11-Jul-17 BlackRock Japan Co., Ltd. on mkt buy 5.86 AUD ORD 26,216 2 11-Jul-17 BlackRock Asset Management Canada on mkt buy 5.86 AUD ORD 40,113 4 Limited 11-Jul-17 BlackRock Financial Management, Inc. on mkt buy 5.86 AUD ORD 56,660 5								8,876
11-Jul-17 BlackRock Asset Management Canada on mkt buy 5.86 AUD ORD 40,113 4 Limited  11-Jul-17 BlackRock Financial Management, Inc. on mkt buy 5.86 AUD ORD 56,660 5								9,954
11-Jul-17 BlackRock Financial Management, Inc. on mkt buy 5.86 AUD ORD 56,660 5		BlackRock Asset Management Canada	•					26,216 40,113
11- Jul-17 BlackRock Financial Management Inc. on mkt huy 5.96 AUD OPD 20.793	11-Jul-17		on mkt buy	5.86	AUD	ORD	56,660	56,660
TI-SUI-TI DIAUKTOUK I IIIAHUIAHAYEHIEHI, IIIG. UH HIKLUUY 3.00 AUD UKD 20,782 2	11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.86	AUD	ORD	20,782	20,782

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY		number of s affected	Person's votes affected
11-Jul-17	BlackRock Investment Management, LLC		5.86	AUD	ORD	12,100	12,100
11-Jul-17	BlackRock International Limited	on mkt buy	5.86	AUD	ORD	125,635	125,635
11-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	5.86	AUD	ORD	2,420	2,420
	National Association	· · · · · · · · · · · · · · · · · · ·					
11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.86	AUD	ORD	72,261	72,261
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.86	AUD	ORD	49,165	49,165
11-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.86	AUD	ORD	26,620	26,620
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.86	AUD	ORD	96,931	96,931
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.86	AUD	ORD	75,532	75,532
11-Jul-17 11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.86	AUD	ORD	96,800	96,800
11-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.86	AUD	ORD	3,906	3,906
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.86	AUD	ORD	8,324	8,324
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.87	AUD	ORD	2,536	2,536
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.87	AUD	ORD	725	725
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.87	AUD	ORD	13,980	13,980
11-Jul-17	BlackRock Investment Management, LLC	on mkt sell	5.87	AUD	ORD	-14,362	-14,362
11-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	252	252
11-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,695	4,695
11-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
11-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	11,962	11,962
11-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,320,129	4,320,129
11-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-134,191	-134,191
11-Jul-17	Limited BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	23,325	23,325
12-Jul-17	BlackRock Advisors, LLC	on mkt buy	5.74	AUD	ORD	117,992	117,992
12-Jul-17	BlackRock Institutional Trust Company,	on mkt sell	5.73	AUD	ORD	-23,284	-23,284
12-Jul-17	National Association BlackRock Institutional Trust Company,	on mkt sell	5.73	AUD	ORD	-5,311	-5,311
12-Jul-17	National Association  BlackRock Institutional Trust Company,	on mkt sell	5.73	AUD	ORD	-5,458	-5,458
12-Jul-17	National Association  BlackRock Investment Management	on mkt sell	5.73	AUD	ORD	-7,906	-7,906
12-Jul-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.73	AUD	ORD	-80,555	-80,555
12-Jul-17	(Australia) Limited BlackRock Investment Management	on mkt sell	5.73	AUD	ORD	-27,313	-27,313
12-Jul-17	(Australia) Limited	on mid call	F 72	ALID	OPP	4 504	-4,524
12-Jul-1 <i>1</i>	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-4,524	-4,524
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-4,644	-4,644
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-44,980	-44,980
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-3,521	-3,521
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-18,399	-18,399
12-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.70	AUD	ORD	-4,017	-4,017
12-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.70	AUD	ORD	-666	-666
12-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.70	AUD	ORD	7,759	7,759
12-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.70	AUD	ORD	-1,798	-1,798
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	5,554	5,554
12-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	66	66
12-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	707	707
12-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,205,928	4,205,928
12-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-11	-11
12-Jul-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	211,080	211,080
12-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-236,959	-236,959

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY		I number of a saffected	Person's votes affected
12-Jul-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	4,885	4,885
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.69	AUD	ORD	31,565	31,565
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.70	AUD	ORD	4,532	4,532
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.70	AUD	ORD	27,423	27,423
13-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.69	AUD	ORD	82,694	82,694
13-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	5.69	AUD	ORD	34,087	34,087
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.69	AUD	ORD	54,648	54,648
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.69	AUD	ORD	20,394	20,394
13-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.69	AUD	ORD	15,573	15,573
13-Jul-17	BlackRock International Limited	on mkt buy	5.70	AUD	ORD	73,190	73,190
13-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.69	AUD	ORD	2,967	2,967
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.69	AUD	ORD	162,765	162,765
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.69	AUD	ORD	6,532	6,532
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.69	AUD	ORD	52,275	52,275
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.69	AUD	ORD	28,483	28,483
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.69	AUD	ORD	48,729	48,729
13-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.69	AUD	ORD	85,997	85,997
13-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.69	AUD	ORD	68,900	68,900
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.69	AUD	ORD	4,663	4,663
13-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,670	1,670
13-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-39	-39
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,186	-1,186
13-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,205,928	-4,205,928
13-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-31	-31
13-Jul-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	-23,373	-23,373
13-Jul-17	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	-45	-45
13-Jul-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	24,656	24,656
14-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	5.52	AUD	ORD	-10,931	-10,931
14-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.44	AUD	ORD	914	914
14-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,404	4,404
14-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	159	159
14-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,220	-3,220
14-Jul-17 14-Jul-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	4,193,336	4,193,336 -11,913
14-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,138,926	-4,138,926
14-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-61,652	-61,652
14-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,278	-2,278
17-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	6,044	6,044
17-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	4,384	4,384
17-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	681	681
17-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.49	AUD	ORD	-10,220	-10,220
17-Jul-17	BlackRock Investment Management, LLC	on mkt sell	5.49	AUD	ORD	-14,030	-14,030
17-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,812	2,812
17-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-63	-63
17-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-999	-999

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY		Class and number of securities affected	
17-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,959,596	-3,959,596
17-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-6	-6
17-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-5,268	-5,268
17-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8,935	8,935
17-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,597	-2,597
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.48	AUD	ORD	16,232	16,232
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-48,216	-48,216
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-10,012	-10,012
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-2,867	-2,867
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-1,832	-1,832
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-16,232	-16,232
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-1,436	-1,436
18-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.46	AUD	ORD	-218	-218
18-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.46	AUD	ORD	-714	-714
18-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.46	AUD	ORD	-1,340	-1,340
18-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.46	AUD	ORD	-5,412	-5,412
18-Jul-17	BlackRock Advisors, LLC	on mkt buy	5.46	AUD	ORD	11,013	11,013
18-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,670	3,670
18-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,876	-1,876
18-Jul-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-34,052	-34,052
18-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	39	39
18-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	614	614
18-Jul-17 18-Jul-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	4,952,180 0	4,952,180 0
18-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-24,061	-24,061
18-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	20,144	20,144
18-Jul-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	3,260	3,260
19-Jul-17	Limited  BlackRock Financial Management, Inc.	on mkt buy	5.50	AUD	ORD	9,703	9,703
19-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	5.50	AUD	ORD	27,127	27,127
19-Jul-17	National Association  BlackRock International Limited	on mkt buy	5.50	AUD	ORD	41,471	41,471
19-Jul-17	BlackRock International Trust Company, National Association	on mkt buy	5.50	AUD	ORD	16,348	16,348
19-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.50	AUD	ORD	31,377	31,377
19-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.50	AUD	ORD	7,664	7,664
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	2,349	2,349
19-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.50	AUD	ORD	8,942	8,942
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	9,447	9,447
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	5,449	5,449
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	4,620	4,620
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	36,672	36,672
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	6,883	6,883
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.50	AUD	ORD	4,599	4,599
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.50	AUD	ORD	58,525	58,525
	_,			A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000	04007	24 027
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.50	AUD	ORD	24,937	24,937
19-Jul-17 19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.50	AUD	ORD	36,639	36,639
19-Jul-17	,						

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY		number of s affected	Person's votes affected
19-Jul-17	BlackRock Advisors, LLC	on mkt buy	5.50	AUD	ORD	11,246	11,246
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.50	AUD	ORD	5,563	5,563
19-Jul-17	BlackRock Asset Management Canada	on mkt buy	5.50	AUD	ORD	16,267	16,267
19-Jul-17	Limited BlackRock Financial Management, Inc.	on mkt buy	5.50	AUD	ORD	17,443	17,443
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.50	AUD	ORD	5,875	5,875
	•					•	
19-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.50	AUD	ORD	5,797	5,797
19-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.50	AUD	ORD	7,015	7,015
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	175,285	175,285
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	1,932	1,932
19-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	5.50	AUD	ORD	13,302	13,302
13 001 17	National Association	on mike buy	0.00	NOD	OND	10,002	10,002
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.50	AUD	ORD	17,935	17,935
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	77,585	77,585
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	AUD	ORD	15,367	15,367
19-Jul-17	BlackRock Investment Management (UK)	on mkt buy	5.50	AUD	ORD	20,463	20,463
19-Jul-17	Limited	an malet have	F F0	ALID	ODD	22.040	22.040
19-Jul-17 19-Jul-17	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	5.50 5.50	AUD AUD	ORD ORD	33,918 26,951	33,918 26,951
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	AUD	ORD	69,152	69,152
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.50	AUD	ORD	9,942	9,942
19-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.50	AUD	ORD	2,343	2,343
19-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	5.50	AUD	ORD	6,015	6,015
	National Association						
19-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,505	5,505
19-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-141	-141
19-Jul-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,449	-1,449
19-Jul-17	<u> </u>	collateral transfer	n/a	AUD	ORD	-4,194,008	-4,194,008
19-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	16	16
19-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-70,460	-70,460
19-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	84,587	84,587
19-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-12,553	-12,553
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.38	AUD	ORD	2,742	2,742
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.38	AUD	ORD	1,798	1,798
20-Jul-17	BlackRock Investment Management, LLC		5.38	AUD	ORD	-24,440	-24,440
20-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,175	9,175
20-Jul-17	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-5,273	-5,273
	National Association	•				•	, -
20-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	84	84
20-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,484	-4,484
20-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-211,912	-211,912
20-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	15	15
20-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	41,964	41,964
20-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-44,888	-44,888
20-Jul-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	7,311	7,311
21-Jul-17	Limited  BlackRock Institutional Trust Company,	on mkt buy	5.28	AUD	ORD	257	257
21-Jul-17	National Association  BlackRock Institutional Trust Company,	on mkt buy	5.28	AUD	ORD	18,085	18,085
21-Jul-17	National Association			AUD	ORD		
∠1-JUI-1 <i>1</i>	BlackRock Financial Management, Inc.	on mkt buy	5.27	AUD	OKD	10,294	10,294

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY	Class and securities		Person's votes affected
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27	AUD	ORD	28,645	28,645
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	AUD	ORD	3,347	3,347
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.28	AUD	ORD	37,006	37,006
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.28	AUD	ORD	5,260	5,260
21-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	5.28	AUD	ORD	16,466	16,466
21-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.28	AUD	ORD	6,131	6,131
21-Jul-17	BlackRock International Limited	on mkt buy	5.27	AUD	ORD	41,789	41,789
21-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.28	AUD	ORD	3,199	3,199
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	AUD	ORD	184,765	184,765
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	AUD	ORD	11,268	11,268
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.28	AUD	ORD	18,375	18,375
21-Jul-17	BlackRock Advisors, LLC	on mkt buy	5.28	AUD	ORD	2,517	2,517
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	AUD	ORD	94,734	94,734
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	AUD	ORD	8,147	8,147
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.28	AUD	ORD	38,827	38,827
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.28	AUD	ORD	30,945	30,945
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.28	AUD	ORD	5,158	5,158
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	AUD	ORD	15,027	15,027
21-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	5.27	AUD	ORD	-204,470	-204,470
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.23	AUD	ORD	2,904	2,904
21-Jul-17	BlackRock Fund Advisors	on mkt buy	5.23	AUD	ORD	179,957	179,957
21-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.23	AUD	ORD	27,166	27,166
21-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,109	2,109
21-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,505	5,505
21-Jul-17	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD AUD	ORD ORD	4,200	4,200
21-Jul-17 21-Jul-17	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	2,304 35,644	2,304 35,644
21-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	41	41
21-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,342	1,342
21-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	C
21-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	12	12
21-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	21,997	21,997
21-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-29,534	-29,534
21-Jul-17	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	6,142	6,142
24-Jul-17	Limited BlackRock Institutional Trust Company, National Association	on mkt buy	5.23	AUD	ORD	7,345	7,345
24-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.23	AUD	ORD	19,216	19,216
24-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.23	AUD	ORD	396	396
24-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.24	AUD	ORD	725	725
24-Jul-17	BlackRock Fund Advisors	on mkt sell	5.24	AUD	ORD	-23,568	-23,568
24-Jul-17	BlackRock Fund Advisors	on mkt sell	5.24	AUD	ORD	-11,716	-11,716
24-Jul-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	34,052	34,052
24-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.23	AUD	ORD	30,427	30,427
24-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-116	-116
24-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,953	-1,953
24-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	22	22
24-Jul-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	-9,743	-9,743
24-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	26,104	26,104

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24-Jul-17		change (	7)		Securities	s affected	votes affected
•• /	BlackRock Asset Management North Asia Limited	• ,	n/a	AUD	ORD	-14,315	-14,31
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.32	AUD	ORD	-22,392	-22,39
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.32	AUD	ORD	18,256	18,25
25-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,740	1,74
25-Jul-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-28,906	-28,90
25-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-217	-21 <sup>-</sup>
25-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,501	-3,50
25-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,714,992	3,714,99
25-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-13	-1:
25-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	32,408	32,40
25-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,417	-62,41
25-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	33,741	33,74
26-Jul-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	AUD	ORD	-15,441	-15,44
26-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.40	AUD	ORD	725	72
26-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	228	22
26-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,417	1,41
26-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,224,992	-4,224,99
26-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-9	-,22-,00
26-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-65,893	-65,89
26-Jul-17	• • • • • • • • • • • • • • • • • • • •	collateral transfer	n/a	AUD	ORD	61,735	61,73
26-Jul-17	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	2,522	2,52
27-Jul-17	Limited	on mkt buy	F 00	ALID	ODD	45.000	45.00
27-Jul-17 27-Jul-17	BlackRock Japan Co., Ltd. BlackRock Financial Management, Inc.	on mkt sell	5.36 5.36	AUD AUD	ORD ORD	15,829 -22,666	15,82 -22,66
27-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	5.36	AUD	ORD	-7,665	-7,66
27-Jul-17	BlackRock Institutional Trust Company,	on mkt sell	5.36	AUD	ORD	-18,506	-18,50
27-Jul-17	National Association  BlackRock Institutional Trust Company, National Association	on mkt sell	5.36	AUD	ORD	-41,110	-41,11
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.36	AUD	ORD	3,848	3,84
27-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.36	AUD	ORD	8,588	8,58
27-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.36	AUD	ORD	2,337	2,33
27-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.36	AUD	ORD	2,337	2,33
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.36	AUD	ORD	2,529	2,52
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.36	AUD	ORD	2,507	2,50
27-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.36	AUD	ORD	7,906	7,90
27-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	5.36	AUD	ORD	12,404	12,40
27-Jul-17 27-Jul-17	BlackRock Japan Co., Ltd.  BlackRock Investment Management (UK)	on mkt buy on mkt buy	5.36 5.36	AUD AUD	ORD ORD	10,126 3,831	10,12 3,83
	Limited	•					
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.36	AUD	ORD	4,406	4,40
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.36	AUD	ORD	-5,348	-5,34
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.36	AUD	ORD	-1,105	-1,10
27-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.36	AUD	ORD	-11,119	-11,11
27-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-12	-1
27-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,867	-1,86
27-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,236,980	4,236,98
27-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-466	-46
27-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	31,487	31,48
27-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-444,150	-444,15

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change (	n in relation to	CCY		number of saffected	Person's votes affected
28-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.31	AUD	ORD	298	298
28-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	AUD	ORD	-1,974	-1,974
28-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.30	AUD	ORD	-424	-424
28-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	5.30	AUD	ORD	-884	-884
28-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	AUD	ORD	-1,942	-1,942
28-Jul-17	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	1,573,413	1,573,413
28-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,327	6,327
28-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,921	4,921
28-Jul-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	28,906	28,906
28-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	7	7
28-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,367	3,367
28-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-236,980	-236,980
28-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6	(
28-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-58,328	-58,328
28-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	54,670	54,670
28-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	278	278
31-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	5.32	AUD	ORD	-23,618	-23,618
31-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	5.32	AUD	ORD	-7,724	-7,724
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32	AUD	ORD	-21,991	-21,991
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32	AUD	ORD	-46,665	-46,665
31-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.33	AUD	ORD	3,916	3,916
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	12,415	12,415
31-Jul-17	BlackRock International Limited	on mkt buy	5.33	AUD	ORD	41,759	41,759
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	9,099	9,099
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	425	425
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	3,313	3,313
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.33	AUD	ORD	15,182	15,182
31-Jul-17	BlackRock Investment Management, LLC	on mkt buy	5.33	AUD	ORD	7,227	7,227
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	57,459	57,459
31-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	5.33	AUD	ORD	18,304	18,304
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	11,368	11,368
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	7,564	7,564
31-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.35	AUD	ORD	80,235	80,235
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.33	AUD	ORD	38,930	38,930
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.33	AUD	ORD	30,353	30,353
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.33	AUD	ORD	23,059	23,059
31-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	5.32	AUD	ORD	8,508	8,508
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.32	AUD	ORD	2,178	2,178
31-Jul-17	BlackRock Asset Management Canada Limited	on mkt sell	5.32	AUD	ORD	-83,231	-83,231
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32	AUD	ORD	-613	-613
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	5.32	AUD	ORD	20,787	20,787
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32	AUD	ORD	-11,524	-11,524
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32	AUD	ORD	-12,761	-12,761

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
31-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,102	6,102
31-Jul-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-31,821	-31,821
31-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	11,562	11,562
31-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,418	2,418
31-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
31-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	0	0
31-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-34,790	-34,790
31-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	40,064	40,064
31-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-19,254	-19,254
01-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.36	AUD	ORD	-21,438	-21,438
01-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.36	AUD	ORD	-1,572	-1,572
01-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.39	AUD	ORD	291,709	291,709
01-Aug-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,993	1,993
01-Aug-17	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-30,427	-30,427
01-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	644	-30,42 <i>1</i> 644
01-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,001	3,001
01-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	248,936	248,936
01-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
	-						
01-Aug-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	-23,695	-23,695
01-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	47,163	47,163
01-Aug-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-27,112	-27,112
02-Aug-17	BlackRock International Limited	on mkt buy	5.55	AUD	ORD	75,904	75,904
02-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	5.55	AUD	ORD	99,098	99,098
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	11,629	11,629
02-Aug-17	BlackRock Investment Management, LLC	on mkt buy	5.55	AUD	ORD	48,755	48,755
02-Aug-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.55	AUD	ORD	12,274	12,274
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	3,439	3,439
02-Aug-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.55	AUD	ORD	13,115	13,115
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	13,262	13,262
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	4,367	4,367
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	505	505
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	530	530
02-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	AUD	ORD	6,663	6,663
02-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	5.55	AUD	ORD	6,066	6,066
02-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	5.55	AUD	ORD	37,545	37,545
02-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	5.55	AUD	ORD	58,393	58,393
02-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	5.55	AUD	ORD	25,252	25,252
02-Aug-17	BlackRock Investment Management, LLC	on mkt buy	5.55	AUD	ORD	9,563	9,563
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	2,527	2,527
02-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	5.55	AUD	ORD	16,078	16,078
02-Aug-17	BlackRock Investment Management (UK)	on mkt buy	5.55	AUD	ORD	25,034	25,034
00 4 47	Limited  Plack Pack Advisors (LIK) Limited	on mld him	EFF	ALID	ODD	75.000	75.000
02-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	AUD	ORD	75,682	75,682
02-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	AUD	ORD	54,234	54,234
02-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	AUD	ORD	96,354	96,354
02-Aug-17	BlackRock Investment Management, LLC	on mkt buy	5.55	AUD	ORD	2,930	2,930
02-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	AUD	ORD	8,317	8,317
02-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.58	AUD	ORD	914	914

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Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
02-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	18,244	18,244
02-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-12,791	-12,791
02-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,306	-24,306
02-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
02-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	151,690	151,690
02-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-284,788	-284,788
02-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	127,642	127,642
03-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.59	AUD	ORD	481	481
03-Aug-17 03-Aug-17	BlackRock Advisors, LLC	on mkt sell	5.59	AUD	ORD	-11,642	-11,642
03-Aug-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	31,821	31,821
03-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,220	5,220
03-Aug-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,458	-2,458
03-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	553	553
03-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-587	-587
03-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,324,630	-4,324,630
03-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	29,975	29,975
03-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,120,354	4,120,354
03-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	84,958	84,958
03-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,213	-3,213
04-Aug-17	BlackRock International Limited	on mkt buy	5.70	AUD	ORD	34,137	34,137
04-Aug-17	BlackRock Investment Management, LLC	on mkt buy	5.70	AUD	ORD	3,884	3,884
04-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	5.69	AUD	ORD	915	915
04-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	5.70	AUD	ORD	-14,420	-14,420
04-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,920	-1,920
04-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,491	-1,491
04-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,211,268	4,211,268
04-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,744	-2,744
04-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-398,295	-398,295
04-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	42,016	42,016
04-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-19,085	-19,085

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Maria Tricarico, Date
Authorised Signatory

## 4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	0.000 00	l number of urities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	71,668	71,668	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	22,063	22,063	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	10,827	10,827	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) Limited	BNP Paribas Securities Services Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,824	2,824	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) Limited	SSB-STATE STREET SINGAPORE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	30,261	30,261	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	113,151	113,151	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	74,065	74,065	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,090,361	8,090,361	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		nd number of curities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,615,278	5,615,278	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,866,407	1,866,407	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,465	2,465	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	JPM - J.P. Morgan Zurich		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	60,797	60,797	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	RBC-RBC DEXIA LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	19,357	19,357	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	RBC-DEXIA BIL- LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	122,588	122,588	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4	4	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	843,017	843,017	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	654,518	654,518	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	31,966	31,966	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,531	3,531	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	913,659	913,659	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	NT-NORTHERN TRUST CO CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	101,346	101,346	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		nd number of curities	Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	43,992	43,992	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,356	5,356	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,499	1,499	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	319,972	319,972	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	755	755	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	CITI-CITIBANK, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	695	695	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,784,578	1,784,578	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	523,200	523,200	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,861,125	5,861,125	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	231,735	231,735	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,317,029	3,317,029	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,964	8,964	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	57,620	57,620	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		nd number of curities	Person's votes	Nature of Association
BlackRock Financial Management, Inc.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,181	11,181	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	27,252	27,252	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	148	148	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,423	21,423	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,165	21,165	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	6,447,301	6,447,301	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	136,570	136,570	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,992,525	11,992,525	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,482,868	2,482,868	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	951,830	951,830	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	302,696	302,696	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	861,258	861,258	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	18,060,680	18,060,680	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	NT-NORTHERN TRUST CO CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	759,778	759,778	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	25,465	25,465	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	870,023	870,023	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	756,669	756,669	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO 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.	ORD	393,810	393,810	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	GS-GOLDMAN SACHS PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	31,188	31,188	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNP PARIBAS LON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	32,138	32,138	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB BOSTON INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,421	8,421	Subsidiary of BlackRock, Inc.
BlackRock International Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,468,934	2,468,934	Subsidiary of BlackRock, Inc.
BlackRock International Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	151,802	151,802	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	7,189,073	7,189,073	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,689,889	1,689,889	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		nd number of curities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,957,387	1,957,387	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	864,321	864,321	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,728	21,728	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	31,803	31,803	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	647,096	647,096	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	234,946	234,946	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	256,704	256,704	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,103,918	1,103,918	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	233,112	233,112	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	735,565	735,565	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	374,232	374,232	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST CO CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	28,123	28,123	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	PICT-PICTET & CIE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	184,085	184,085	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	749,417	749,417	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	AP7		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	48,678	48,678	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP-BNP Paribas Milan		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	14,175	14,175	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	49,224	49,224	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	504,092	504,092	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SEB-SKANDINAVISKA ENSKILDA BANKEN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	29,520	29,520	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	KAS-KAS BANK - AMSTERDAM		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	43,577	43,577	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	733,870	733,870	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	691,132	691,132	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	414,957	414,957	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	USB-US BANK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	10,526	10,526	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	801,577	801,577	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,880,458	4,880,458	Subsidiary of BlackRock, Inc.

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	321,413	321,413	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	764,579	764,579	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	6,481	6,481	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	31,287	31,287	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,508,320	3,508,320	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,674	8,674	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUI-SUMITOMO TRUST		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	459,659	459,659	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		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.	ORD	1,840,912	1,840,912	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		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.	ORD	1,111,130	1,111,130	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		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.	ORD	154,705	154,705	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-Citigroup Australia - SYDNEY		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.	ORD	226,016	226,016	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		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.	ORD	5,049,671	5,049,671	Subsidiary of BlackRock, Inc.

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This is Annexure C of 1 page referred to in form 604 Notice of change of interests of substantial shareholder

	08-Aug-17
Maria Tricarico,	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
Diagnitost / toot management canada Limitoa	Toronto, Ontario M5J 2S1
	Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower,
Black Rook Management Worth Acid Elimica	3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	1209 Orange Street,
blackitock i mancial Management, mc.	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street
Diackitock i diid Advisors	San Francisco, CA, 94105
	United States
BlackRock Institutional Trust Company, National	1225 17th Street,
Association	Suite 300,
Association	Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One,
Diackivock international Limited	1 Semple Street,
	Edinburgh, EH3 8BL,
	United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street
blackNock investment wanagement (Australia) Limited	Melbourne VIC 3000
	Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue
blackRock investment wanagement (OK) Limited	London EC2N 2DL
	United Kingdom
BlackRock Investment Management, LLC	
DIAGNITUGE IIIVESIIIIEIII WAIIAGEIIIEIII, LLG	1209 Orange Street,
	Wilmington, New Castle County,
Plack Pook Johan Co. Ltd.	Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main,
	1-8-3 Marunouchi,
	Chiyoda-ku, Tokyo 100-8217 (Japan)

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This	is.	Annexure I	D of 1	page	referred	to in	form	604	Notice	of	change	of	interests	of s	substar	ıtial	share	eholo	der

	08-Aug-17
Maria Tricarico, Authorised Signatory	Date

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 A (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?	Yes, at notice.				
If yes, detail					
Will the securities be returned on settlement?	Yes.				
If yes, detail any exceptions					

A copy of this agreement will be provided to Qantas Airways Ltd or the Australian Securities and Investments Commission upon request.