## Form 604

Corporations Act 2001 Section 671B

# Notice of change of interests of substantial holder

To_ Company Name/Scheme	ARISTOCRAT LEISURE LTD
A CN /A R S N	002 818 368
1. Details of substantial holde	sr(1)
Name	BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable)	to this form)
There was a change in the interest substantial holder on	s of the 05 / 12 / 2018

substantial holder on	05 / 12 / 2018
The previous notice was given to the company on	17 / 07 / 2017
The previous notice was dated	13 / 07 / 2017

#### 2 Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ord	44,884,870	7.02	38,461,321	6.02

#### 3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
	See Annexure A & D				

#### 4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	N ature of relevant interest (6)	Class and number of securities	Person's votes
	See Annexure B				

#### 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:

N ame	Address
Annexure C	

### Signature

print name Maria Tricarico	Capacity *Authorised Signatory

sign here

#### date 07 / 12 /2018

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

#### DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations A ct 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations A ct 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
  - (a) 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
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations A ct 2001.

- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eq. 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.

This is Annexure A of 164 pages referred to in form 604 Notice of change of interests of substantial shareholder

	07-Dec-18
Maria Tricarico,	Date
Authorised Signatory	

### 5. Consideration

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY		ass and number of ecurities affected	
14-Jul-17	BlackRock Investment Management, LLC	on mkt buy	21.32	AUD	ORD	802	affected 802
14-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.44	AUD	ORD	7,568	7,568
14-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.44	AUD	ORD	228	22
14-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	21.44	AUD	ORD	79,028	79,02
14-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	21.41	AUD	ORD	1,095	1,09
14-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	21.41	AUD	ORD	381	38
14-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,956	4,95
14-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	35	3
14-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-714	-71
14-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-909,529	-909,52
14-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	17,407	17,40
14-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	282,889	282,889
14-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,855	-15,85
14-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,288	2,28
17-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.21	AUD	ORD	7,297	7,29
17-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.21	AUD	ORD	222	22
17-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,116	1,11
17-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-14	-1
17-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-221	-22
17-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-19,629	-19,62
17-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-455,107	-455,10
17-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-25,803	-25,80
17-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-569	-56
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.67	AUD	ORD	626	62
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	20.68	AUD	ORD	-5,997	-5,99
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.67	AUD	ORD	1,962	1,96
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.67	AUD	ORD	1,345	1,34
18-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	20.65	AUD	ORD	-166	-16
18-Jul-17 18-Jul-17	BlackRock Advisors, LLC BlackRock Investment Management (UK) Limited	on mkt buy on mkt sell	20.65 20.65	AUD AUD	ORD ORD	30,193 -7,853	30,19 -7,85
18-Jul-17	BlackRock Advisors, LLC	on mkt buy	20.65	AUD	ORD	7,853	7,85
18-Jul-17 18-Jul-17	BlackRock Fund Advisors	in specie	20.65 n/a	AUD	ORD	4,130	4,13
18-Jul-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-24,515	-24,51
18-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	9	24,01
18-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	136	13
18-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	929,328	929,32
18-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	9,223	9,22
18-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	113,040	113,04
18-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	27,394	27,39

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
18-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	604	604
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	21.01	AUD	ORD	5,306	5,30
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	14,235	14,23
19-Jul-17	BlackRock International Limited	on mkt buy	21.01	AUD	ORD	19,388	19,388
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	7,983	7,98
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	3,265	3,26
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	7,468	7,46
19-Jul-17	BlackRock Investment Management, LLC	on mkt buy	21.01	AUD	ORD	10,419	10,41
19-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.01	AUD	ORD	2,824	2,82
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	3,214	3,21
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	5,392	5,393
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	3,330	3,33
19-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	21.00	AUD	ORD	-16,858	-16,85
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	9,244	9,24
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	2,288	2,28
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	2,286	2,28
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	21.01	AUD	ORD	19,531	19,53
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	21.01	AUD	ORD	2,421	2,42
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	21.01	AUD	ORD	1,461	1,46
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	21.01	AUD	ORD	23,115	23,11
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	21.01	AUD	ORD	14,446	14,44
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	21.01	AUD	ORD	3,349	3,34
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	21.01	AUD	ORD	3,914	3,91
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	21.01	AUD	ORD	4,987	4,98
19-Jul-17	BlackRock Advisors, LLC	on mkt buy	21.01	AUD	ORD	5,582	5,58
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	21.01	AUD	ORD	2,579	2,57
19-Jul-17	BlackRock Asset Management Canada	on mkt buy	21.01	AUD	ORD	8,536	8,53
	Limited BlackRock Institutional Trust Company,	· · · · · · · · · · · · · · · · · · ·		AUD	ORD		
19-Jul-17	National Association	on mkt sell	21.00			-5,895	-5,89
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	21.01	AUD	ORD	18,194	18,19
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	21.01	AUD	ORD	6,504	6,50
19-Jul-17	BlackRock Investment Management, LLC	on mkt buy	21.01	AUD	ORD	2,696	2,69
19-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.01	AUD	ORD	3,022	3,02
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	1,432	1,43
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	85,276	85,27
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	583	58
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	6,539	6,53
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	21.01	AUD	ORD	13,050	13,05
19-Jul-17	BlackRock Advisors, LLC	on mkt buy	21.01	AUD	ORD	1,501	1,50
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	26,063	26,06
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	10,670	10,67
19-Jul-17	BlackRock International Limited	on mkt sell	21.00	AUD	ORD	-10,108	-10,10
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	15,774	15,77
19-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.01	AUD	ORD	6,232	6,23
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	21.01	AUD	ORD	20,034	20,03

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19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17	National Association BlackRock Institutional Trust Company, National Association BlackRock Asset Management North Asia Limited BlackRock Institutional Trust Company, National Association BlackRock Investment Management (UK) Limited BlackRock Fund Advisors BlackRock Advisors, LLC BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt buy on mkt sell on mkt buy on mkt sell in specie collateral transfer collateral transfer collateral transfer	21.01 21.00 21.01 21.12 n/a n/a n/a n/a	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD	6,467 -580 235 -539 6,195	6,46 -58 23 -53 6,19
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19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17	BlackRock Fund Advisors BlackRock Advisors, LLC BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer collateral transfer	n/a n/a n/a	AUD	ORD		
19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17	BlackRock Advisors, LLC BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer collateral transfer	n/a n/a n/a	AUD	ORD		
19-Jul-17 19-Jul-17 19-Jul-17 19-Jul-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a				-3
19-Jul-17 19-Jul-17 19-Jul-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	754,545	754,54
19-Jul-17 19-Jul-17	BlackRock Financial Management, Inc.			AUD	ORD		
	BlackRock Investment Management, LLC		n/a	AUD	ORD	<u>519,884</u> -10,172	519,88 -10,17
19-Jul-17		collateral transfer	n/a	AUD	ORD	-673,502	-673,50
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	10,192	10,19
19-Jul-17	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-2,803	-2,80
20-Jul-17	Limited BlackRock Institutional Trust Company,	on mkt buy	20.72	AUD	ORD	5,618	5,61
20-Jul-17	National Association BlackRock Institutional Trust Company,	on mkt buy	20.72	AUD	ORD	127	12
20-Jul-17	National Association BlackRock Investment Management (UK)	on mkt sell	20.81	AUD	ORD	-170	-17
	Limited	an mitthing			000	0.005	0.00
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.61	AUD	ORD	3,285	3,28
20-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	20.61	AUD	ORD	621	62
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.61	AUD	ORD	2,192	2,19
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.61	AUD	ORD	381	38
20-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,325	10,32
20-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	1(
20-Jul-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,306	-7,30
20-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	19	
20-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer		AUD	ORD	181,272	181,27
	· · · · · · · · · · · · · · · · · · ·		n/a				
20-Jul-17 20-Jul-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-507,508 21,041	-507,50 21,04
20-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	926,805	926,80
20-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-6,774	-6,77
20-Jul-17	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,611	1,61
	Limited BlackRock Institutional Trust Company,						8,08
	National Association	on mkt buy	20.74	AUD	ORD	8,089	
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	125	12
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	6,397	6,39
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	5,498	5,49
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	3,068	3,06
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.74	AUD	ORD	15,579	15,57
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.74	AUD	ORD	2,136	2,13

ate 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
21-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	20.74	AUD	ORD	7,265	7,26
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.74	AUD	ORD	9,758	9,75
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.74	AUD	ORD	3,270	3,27
21-Jul-17	BlackRock Investment Management, LLC	on mkt buy	20.74	AUD	ORD	2,070	2,07
21-Jul-17	BlackRock Investment Management (UK)	on mkt buy	20.74	AUD	ORD	2,464	2,46
21-Jul-17	Limited BlackRock Institutional Trust Company,	on mkt buy	20.74	AUD	ORD	67,866	67,86
21-Jul-17	National Association BlackRock Institutional Trust Company,	on mkt buy	20.74	AUD	ORD	5,444	5,44
21-Jul-17	National Association BlackRock Financial Management, Inc.	on mkt buy	20.74	AUD	ORD	10,237	10,23
21-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	20.74	AUD	ORD	8,335	8,33
21-Jul-17	National Association	on mithuu	20.74	AUD	ORD	10.014	10.01
21-Jul-17 21-Jul-17	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	20.74	AUD	ORD	18,614 15,062	18,61 15,06
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.74	AUD	ORD	4,605	4,60
21-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	20.74	AUD	ORD	29,952	29,95
21-Jul-17	National Association	•					
	BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	7,396	7,39
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.74	AUD	ORD	4,477	4,47
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	11,905	11,90
21-Jul-17	BlackRock International Limited	on mkt buy	20.74	AUD	ORD	15,419	15,4
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.66	AUD	ORD	3,564	3,5
21-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.66	AUD	ORD	5,967	5,9
21-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	20.66	AUD	ORD	-75	-7
21-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	837	8
21-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,195	6,19
21-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,120	3,12
21-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,412	2,4
21-Jul-17 21-Jul-17	BlackRock Advisors, LLC BlackRock Japan Co., Ltd.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	9 302	3
21-Jul-17 21-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-451,650	-451,6
21-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-10,287	-10,2
21-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-909,991	-909,99
21-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-23,094	-23,09
21-Jul-17	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,356	1,35
24-Jul-17	Limited BlackRock Institutional Trust Company,	on mkt buy	20.45	AUD	ORD	6,959	6,95
24-Jul-17	National Association BlackRock Institutional Trust Company,	on mkt buy	20.45	AUD	ORD	146	14
24-Jul-17	National Association BlackRock Institutional Trust Company,	on mkt sell	20.48	AUD	ORD	-101,535	-101,53
04 101 47	National Association	on mkt buy	20.49		000	200	0
24-Jul-17 24-Jul-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell	20.48 20.48	AUD AUD	ORD ORD	890 -3,691	-3,69
24-Jul-17	National Association BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	24,515	24,5
24-Jul-17	Limited BlackRock Japan Co., Ltd.	on mkt buy	20.66	AUD	ORD	31,816	31,8
24-Jul-17 24-Jul-17	BlackRock Advisors, LLC	collateral transfer	20.00	AUD	ORD	-26	
24-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-419	-4
24-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-490,054	-490,0
24-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3,579	3,5
24-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	643,696	643,6
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	2,815	2,8
24-Jul-17	Limited						

	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and r securities		Person's votes affected
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.91	AUD	ORD	1,516	1,51
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.91	AUD	ORD	4,920	4,92
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.91	AUD	ORD	547	54
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.91	AUD	ORD	12,331	12,33
25-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.91	AUD	ORD	2,865	2,86
25-Jul-17	BlackRock Fund Advisors	on mkt sell	20.91	AUD	ORD	-1,632	-1,63
25-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,652	1,65
25-Jul-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-20,811	-20,81
25-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-48	-4
25-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-38	-3
25-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	10,880	10,88
25-Jul-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	879	87
25-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-5,499	-5,49
25-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-38	-3
25-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	38,421	38,42
25-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	7,661	7,66
26-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.29	AUD	ORD	1,416	1,41
26-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.34	AUD	ORD	91	9
26-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	20.24	AUD	ORD	-195	-19
26-Jul-17	BlackRock Japan Co., Ltd.	on mkt sell	20.25	AUD	ORD	-4,438	-4,43
26-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.25	AUD	ORD	890	
26-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	610	61
26-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	50	5
26-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,519	-2,51
26-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	7,805	7,80
26-Jul-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-171	-17
26-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3,921	-3,92
26-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	284,586	284,58
26-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8,801	8,80
26-Jul-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	557	55
27-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.25	AUD	ORD	1,455	1,45
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.25	AUD	ORD	3,731	3,73
27-Jul-17	BlackRock International Limited	on mkt buy	20.25	AUD	ORD	3,803	3,80
27-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	20.25	AUD	ORD	8,450	8,45
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.25	AUD	ORD	-7,173	-7,17
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	1,919	1,91
27-Jul-17	BlackRock Investment Management, LLC	on mkt buy	20.26	AUD	ORD	4,909	4,90
27-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.26	AUD	ORD	1,329	1,32
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	1,456	1,45
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	990	99
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	623	62
	BlackRock Advisors (UK) Limited	on mkt buy	20.26	AUD	ORD	5,095	5,09
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.26	AUD	ORD	760	76
27-Jul-17 27-Jul-17		on mkt buy	20.26	AUD	ORD	672	67
	BlackRock Japan Co., Ltd.	on mikt buy	20.20	100	0112	012	0.
27-Jul-17	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd.	on mkt buy	20.26	AUD	ORD	5,782	
27-Jul-17 27-Jul-17 27-Jul-17 27-Jul-17	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd.	on mkt buy on mkt buy	20.26 20.26	AUD AUD	ORD ORD	5,782 625	5,78 62
27-Jul-17 27-Jul-17 27-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	20.26	AUD	ORD	5,782	5,78 5,78 62 3,85 3,46

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
27-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	20.26	AUD	ORD	2,332	2,33
27-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.26	AUD	ORD	830	83
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	1,773	1,77
27-Jul-17	BlackRock Institutional Trust Company,	on mkt buy	20.26	AUD	ORD	20,441	20,44
27-Jul-17	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	1,695	1,69
27-Jul-17	National Association BlackRock Financial Management, Inc.	on mkt buy	20.26	AUD	ORD	2,963	2,96
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	3,251	3,25
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	935	93
27-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.26	AUD	ORD	1,074	1,07
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.26	AUD	ORD	5,370	5,37
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.20	AUD	ORD	4,474	4,47
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.26	AUD	ORD	9,137	9,13
27-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.20	AUD	ORD	887	88
	<b>.</b> .	on nikt buy				007	
27-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.26	AUD	ORD	926	92
27-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	20.27	AUD	ORD	-510	-51
27-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-3	-
27-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,189	-8,18
27-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	13	1
27-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	935,328	935,32
27-Jul-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	242	24
27-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	242	24
27-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-929,397	-929,39
	<b>.</b> .						
27-Jul-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	524,051	524,05
27-Jul-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	15,982	15,98
28-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	20.11	AUD	ORD	-6,494	-6,49
28-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.00	AUD	ORD	2,288	2,28
28-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.00	AUD	ORD	4,254	4,25
28-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	19.98	AUD	ORD	56,882	56,88
28-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	19.97	AUD	ORD	78	7
28-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	19.98	AUD	ORD	-188	-18
28-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	19.98	AUD	ORD	-408	-40
28-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	19.98	AUD	ORD	-553	-55
28-Jul-17	BlackRock Fund Advisors	on mkt buy	19.98	AUD	ORD	4,836	4,83
28-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	<u>4,030</u> 610	-,00
28-Jul-17	BlackRock Fund Advisors	in specie		AUD	ORD	2,511	2,51
28-Jul-17	BlackRock Fund Advisors	in specie		AUD	ORD	1,953	1,95
28-Jul-17	BlackRock Investment Management (UK)	in specie		AUD	ORD		
	Limited	·	n/a			20,811	20,81
28-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1	70
28-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	767	76
28-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	104	10
28-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-922,429	-922,42
28-Jul-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-300	-30
28-Jul-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	317	31
28-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	642,151	642,15
28-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-517,237	-517,23
28-Jul-17	Limited BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-19,014	-19,01
	BlackRock Institutional Trust Company,	on mkt buy	20.14	AUD	ORD	4,246	4,24

ate of Change	Person whose relevant interest changed	Nature of ch Consideration giv chang	en in relation to	CCY	Class and securities		Person's votes affected
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	3,424	3,42
31-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.15	AUD	ORD	3,481	3,48
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.15	AUD	ORD	8,280	8,28
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	3,344	3,34
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.14	AUD	ORD	11,397	11,39
31-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.14	AUD	ORD	1,138	1,13
31-Jul-17	BlackRock Investment Management, LLC	on mkt buy	20.14	AUD	ORD	1,484	1,48
31-Jul-17 31-Jul-17	BlackRock International Limited BlackRock Investment Management (UK) Limited	on mkt buy on mkt buy	20.15 20.14	AUD AUD	ORD ORD	10,300 1,181	10,30 1,18
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	819	81
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	41,310	41,31
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	3,090	3,09
31-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.14	AUD	ORD	6,361	6,36
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	7,920	7,92
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	3,258	3,25
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.14	AUD	ORD	13,001	13,00
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.14	AUD	ORD	10,287	10,28
31-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	20.14	AUD	ORD	2,879	2,87
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	16,462	16,46
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.13	AUD	ORD	-8,594	-8,59
31-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.25	AUD	ORD	2,976	2,97
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.25	AUD	ORD	2,670	2,67
31-Jul-17	BlackRock Asset Management Canada Limited	on mkt sell	20.25	AUD	ORD	-15,313	-15,31
31-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.25	AUD	ORD	-1,807	-1,80
31-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	20.25	AUD AUD	ORD ORD	5,497 594	5,49
31-Jul-17 31-Jul-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt sell	20.25	AUD	ORD	-2,041	-2,04
31-Jul-17	National Association BlackRock Institutional Trust Company,	on mkt sell	20.25	AUD	ORD	-2,945	-2,94
04 101 47	National Association BlackRock Fund Advisors	in anagio	2/2		000	7 200	7,29
31-Jul-17 31-Jul-17	BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD AUD	ORD ORD	7,290 -24,305	-24,30
31-Jul-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	2,562	2,56
31-Jul-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	513,443	513,44
31-Jul-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-6	
31-Jul-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	919,356	919,35
31-Jul-17 31-Jul-17	BlackRock Capital Management, Inc. BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	<u> </u>	1
31-Jul-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-661,932	-661,93
31-Jul-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	7,288	7,28
31-Jul-17	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-4,270	-4,27
01-Aug-17	Limited BlackRock Investment Management	on mkt buy	20.18	AUD	ORD	1,113	1,11
01-Aug-17	(Australia) Limited BlackRock Investment Management	on mkt buy	20.18	AUD	ORD	3,754	3,75
01-Aug-17	(Australia) Limited BlackRock Investment Management	on mkt buy	20.18	AUD	ORD	669	66
01-Aug-17	(Australia) Limited BlackRock Investment Management	on mkt buy	20.18	AUD	ORD	2,212	2,21
01-Aug-17	(Australia) Limited BlackRock Japan Co., Ltd.	on mkt sell	20.23	AUD	ORD	-142	-14
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02-Aug-17     BlackRock Japan Co., Ltd.     on mkt buy     20.61     AUD       02-Aug-17     BlackRock Japan Co., Ltd.     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Japan Co., Ltd.     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Japan Co., Ltd.     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Asset Management North Asia     on mkt buy     20.58     AUD       Limited     Limited     Limited     Limited     Limited     Limited	ORD         -2,20           ORD         14           ORD         -44           ORD         -7,82           ORD         927,15           ORD         927,15           ORD         927,15           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         -6,00           ORD         -31,81           ORD         -6,00           ORD         -31,81           ORD         5,03           ORD         2,311           ORD         5,03           ORD         1,06           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,42           ORD         6,12           ORD         6,12           ORD         6,12           ORD         <	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
01-Aug-17       BlackRock Japan Co., Ltd.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock (Singapore) Limited       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Capital Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Institutional Tost Company,       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company,       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company,       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company,       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company,       on mkt buy       20.60       AUD         02-Aug-17       BlackRock In	ORD         -44           ORD         -7,82           ORD         927,15           ORD         927,15           ORD         927,15           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         14,26           ORD         -6,00           ORD         -31,81           ORD         -31,81           ORD         -31,81           ORD         -31,81           ORD         -31,81           ORD         6,10           ORD         6,10           ORD         6,10           ORD         6,11           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,10           ORD         1,10           ORD         1,10           ORD         1,44           ORD         1,68           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD <t< th=""><th><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></th></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
01-Aug-17       BlackRock (Singapore) Limited       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Capital Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Japan Co., Ltd.       in specie       n/a       AUD         01-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy	ORD         -7,82           ORD         927,19           ORD         927,19           ORD         4,11           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         -6,00           ORD         -6,00           ORD         -6,00           ORD         -31,81           ORD         -31,83           ORD         4,83           ORD         6,10           ORD         6,10           ORD         6,10           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,10           ORD         1,10           ORD         1,10           ORD         1,10           ORD         1,65           ORD         1,65           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
01-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Capital Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Insestment Management, Inc.       on mkt buy       20.62       AUD         01-Aug-17       BlackRock Asset Management, Inc.       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.63       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Tru	ORD         927,15           ORD         2           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         -5,41           ORD         -5,60           ORD         -6,00           ORD         -6,00           ORD         -31,81           ORD         -31,81           ORD         4,83           ORD         6,10           ORD         6,10           ORD         6,10           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,10           ORD         1,10           ORD         1,44           ORD         1,65           ORD         6,12           ORD         87	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
01-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Capital Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, UK)       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Asset Management, Inc.       on mkt buy       20.62       AUD         01-Aug-17       BlackRock Asset Management, Inc.       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, on mkt buy       20.60       AUD         02-Aug-17       BlackRock Instinstitional Trust Company, National Association	ORD         927,15           ORD         2           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         -5,41           ORD         -5,61           ORD         -6,00           ORD         -6,00           ORD         -31,81           ORD         -31,81           ORD         4,83           ORD         6,10           ORD         6,10           ORD         6,10           ORD         5,03           ORD         1,05           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,12           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
01-Aug-17       BlackRock Capital Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Financial Management, Inc.       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management, ILC       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Japan Co., Ltd.       in specie       n/a       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock International Limited       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Intrestment Management, LLC       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD <td>ORD         2           ORD         4,11           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         -6,00           ORD         -6,00           ORD         -6,00           ORD         -31,81           ORD         1,91           ORD         6,10           ORD         6,10           ORD         6,10           ORD         2,31           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,44           ORD         1,65           ORD         6,12           ORD         87</td> <td><math display="block">\begin{array}{c ccccccccccccccccccccccccccccccccccc</math></td>	ORD         2           ORD         4,11           ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         -6,00           ORD         -6,00           ORD         -6,00           ORD         -31,81           ORD         1,91           ORD         6,10           ORD         6,10           ORD         6,10           ORD         2,31           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,44           ORD         1,65           ORD         6,12           ORD         87	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
01-Aug-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD           01-Aug-17         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD           01-Aug-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD           01-Aug-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD           01-Aug-17         BlackRock Asset Management North Asia         collateral transfer         n/a         AUD           01-Aug-17         BlackRock Japan Co., Ltd.         in specie         n/a         AUD           02-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.62         AUD           02-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.63         AUD           02-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.60         AUD	ORD         4,11           ORD         -5,41           ORD         -5,41           ORD         14,22           ORD         -6,00           ORD         -31,81           ORD         6,10           ORD         6,10           ORD         6,10           ORD         1,05           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,442           ORD         1,65           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
01-Aug-17     BlackRock Investment Management (UK)     collateral transfer     n/a     AUD       01-Aug-17     BlackRock Asset Management North Asia     collateral transfer     n/a     AUD       01-Aug-17     BlackRock Asset Management North Asia     collateral transfer     n/a     AUD       01-Aug-17     BlackRock Japan Co., Ltd.     in specie     n/a     AUD       02-Aug-17     BlackRock Institutional Trust Company, National Association     on mkt buy     20.62     AUD       02-Aug-17     BlackRock International Limited     on mkt buy     20.62     AUD       02-Aug-17     BlackRock International Limited     on mkt buy     20.62     AUD       02-Aug-17     BlackRock International Limited     on mkt buy     20.63     AUD       02-Aug-17     BlackRock Institutional Trust Company, National Association     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Investment Management, (UK)     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Institutional Trust Company, National Association     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Institutional Trust Company, National Association     on mkt buy     20.60     AUD       02-Aug-17     BlackRock Institutional Trust Company, National Association     on mkt buy     20.60     AUD	ORD         14,28           ORD         -6,00           ORD         -31,81           ORD         1,91           ORD         4,83           ORD         6,10           ORD         6,10           ORD         6,10           ORD         6,10           ORD         5,03           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,44           ORD         1,65           ORD         6,12	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Limited01-Aug-17BlackRock Asset Management North Asiacollateral transfern/aAUD01-Aug-17BlackRock Japan Co., Ltd.in specien/aAUD02-Aug-17BlackRock Financial Management, Inc.on mkt buy20.62AUD02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.62AUD02-Aug-17BlackRock International Limitedon mkt buy20.62AUD02-Aug-17BlackRock International Limitedon mkt buy20.63AUD02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.60AUD02-Aug-17BlackRock Investment Management, LLCon mkt buy20.60AUD02-Aug-17BlackRock Investment Management (UK) Uimitedon mkt buy20.60AUD02-Aug-17BlackRock Investment Management (UK) National Associationon mkt buy20.60AUD02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.60AUD02-Aug-17BlackRock Advisors (UK) Limited On mkt buy20.60AUD20.60AUD02-Aug-17BlackRock Advisors (UK) Limited<	ORD         -6,00           ORD         -31,81           ORD         1,91           ORD         4,83           ORD         6,10           ORD         6,10           ORD         6,30           ORD         6,10           ORD         6,30           ORD         2,31           ORD         1,05           ORD         1,05           ORD         1,10           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
01-Aug-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD         01-Aug-17       BlackRock Japan Co., Ltd.       in specie       n/a       AUD         02-Aug-17       BlackRock Financial Management, Inc.       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Limited       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt	ORD         -31,81           ORD         1,91           ORD         4,83           ORD         6,10           ORD         6,33           ORD         6,36           ORD         2,31           ORD         2,31           ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	6         -31,81           3         1,91           8         4,83           3         6,10           5         8,36           3         2,31           6         5,03           8         1,05           6         1,10           2         2,11           0         1,44           5         1,69           8         6,12
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02-Aug-17       BlackRock Financial Management, Inc.       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock International Limited       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors	ORD         1,91           ORD         4,83           ORD         6,10           ORD         8,36           ORD         2,31           ORD         5,03           ORD         1,06           ORD         1,06           ORD         1,10           ORD         2,11           ORD         1,65           ORD         1,65           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.62       AUD         02-Aug-17       BlackRock International Limited       on mkt buy       20.62       AUD         02-Aug-17       BlackRock International Limited       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management (UK)       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited on mkt buy       20.60       AUD         02-Aug-17       B	ORD         4,83           ORD         6,10           ORD         8,36           ORD         2,31           ORD         2,31           ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,66           ORD         6,12           ORD         6,12           ORD         6,12           ORD         87	8         4,83           3         6,10           5         8,36           3         2,31           6         5,03           8         1,05           6         1,10           2         2,11           0         1,44           5         1,69           8         6,12
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02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.63AUD02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.60AUD02-Aug-17BlackRock Investment Management, LLCon mkt buy20.60AUD02-Aug-17BlackRock Investment Management (UK) Limitedon mkt buy20.60AUD02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.60AUD02-Aug-17BlackRock Advisors (UK) Limited On mkt buy20.60AUD02-Aug-17BlackRock Advisors (UK) Limited On mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd. On mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd. On mkt buy20.60AUD02-Aug-17BlackRock Asset Management North Asia On mkt buy20.60AUD02-Aug-17BlackRock Asset Management North Asia On mkt buy20.58AUD	ORD         2,31           ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,65           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87	3         2,31           6         5,03           8         1,05           6         1,10           2         2,11           0         1,44           5         1,69           8         6,12
02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management (UK)       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management (UK)       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD <tr< td=""><td>ORD         2,31           ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,65           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87</td><td>3 2,31 6 5,03 8 1,05 6 1,10 2 2,11 0 1,44 5 1,69 8 6,12</td></tr<>	ORD         2,31           ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,65           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87	3 2,31 6 5,03 8 1,05 6 1,10 2 2,11 0 1,44 5 1,69 8 6,12
National Association       National Association         02-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management (UK) on mkt buy       20.60       AUD         02-Aug-17       BlackRock Investment Management (UK) on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.61       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60 <td< td=""><td>ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87</td><td>6         5,03           8         1,05           6         1,10           2         2,11           0         1,44           5         1,69           8         6,12</td></td<>	ORD         5,03           ORD         1,05           ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87	6         5,03           8         1,05           6         1,10           2         2,11           0         1,44           5         1,69           8         6,12
02-Aug-17       BlackRock Investment Management (UK) on mkt buy Limited       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17	ORD         1,05           ORD         1,10           ORD         1,110           ORD         2,111           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87	8         1,05           6         1,10           2         2,11           0         1,44           5         1,69           8         6,12
Limited02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.60AUD02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.63AUD02-Aug-17BlackRock Advisors (UK) Limited O2-Aug-17on mkt buy20.60AUD02-Aug-17BlackRock Advisors (UK) Limited O2-Aug-17on mkt buy20.61AUD02-Aug-17BlackRock Japan Co., Ltd. O2-Aug-17on mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd. O12-Aug-17on mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd. O12-Aug-17on mkt buy20.60AUD02-Aug-17BlackRock Asset Management North Asia Limitedon mkt buy20.58AUD	ORD         1,10           ORD         2,11           ORD         1,44           ORD         1,68           ORD         6,12           ORD         6,12           ORD         87	6 1,10 2 2,11 0 1,44 5 1,69 8 6,12
National Association       National Association         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.61       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Asset Management North Asia       on mkt buy       20.58       AUD         02-Aug-17       BlackRock Asset Management North Asia       on mkt buy       20.58       AUD	ORD         2,11           ORD         1,44           ORD         1,65           ORD         6,12           ORD         6,12           ORD         87	2 2,11 0 1,44 5 1,69 8 6,12
National Association       National Association         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.63       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.61       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.60       AUD         02-Aug-17       BlackRock Asset Management North Asia       on mkt buy       20.58       AUD         02-Aug-17       BlackRock Asset Management North Asia       on mkt buy       20.58       AUD	ORD         1,44           ORD         1,69           ORD         6,12           ORD         6,12           ORD         87	0 1,44 5 1,69 8 6,12
National Association02-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy20.63AUD02-Aug-17BlackRock Advisors (UK) Limitedon mkt buy20.60AUD02-Aug-17BlackRock Advisors (UK) Limitedon mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.61AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.60AUD02-Aug-17BlackRock Asset Management North Asiaon mkt buy20.58AUD02-Aug-17BlackRock Asset Management North Asiaon mkt buy20.58AUD	ORD 1,69 ORD 6,12 ORD 87	5 1,69 8 6,12
National Association           02-Aug-17         BlackRock Advisors (UK) Limited         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Advisors (UK) Limited         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.61         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Asset Management North Asia         on mkt buy         20.58         AUD           02-Aug-17         BlackRock Asset Management North Asia         on mkt buy         20.58         AUD	ORD 6,12 ORD 87	8 6,12
02-Aug-17         BlackRock Advisors (UK) Limited         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.61         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Aspan Co., Ltd.         on mkt buy         20.50         AUD           02-Aug-17         BlackRock Asset Management North Asia         on mkt buy         20.58         AUD           Limited         Limited         D         D         D         D         D	ORD 87	
02-Aug-17BlackRock Advisors (UK) Limitedon mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.61AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.60AUD02-Aug-17BlackRock Japan Co., Ltd.on mkt buy20.60AUD02-Aug-17BlackRock Asset Management North Asiaon mkt buy20.58AUDLimitedLimitedLimitedLimitedLimitedLimited	ORD 87	
02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.61         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Asset Management North Asia         on mkt buy         20.58         AUD           Limited         Limite		
02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Asset Management North Asia         on mkt buy         20.58         AUD           02-Aug-17         BlackRock Asset Management North Asia         on mkt buy         20.58         AUD           Limited         Limited         Limited         Limited         Limited         Limited         Limited		
02-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.60         AUD           02-Aug-17         BlackRock Asset Management North Asia on mkt buy         20.58         AUD           Limited         Limited         AUD         AUD         AUD	ORD 6,32	
02-Aug-17 BlackRock Asset Management North Asia on mkt buy 20.58 AUD Limited	ORD 2,85	
	ORD 39	
02-Aug-17 BlackRock Financial Management, Inc. on mkt buy 20.60 AUD	ORD 90	7 90
02-Aug-17 BlackRock Asset Management Canada on mkt buy 20.60 AUD Limited	ORD 2,98	5 2,98
02-Aug-17 BlackRock Investment Management, LLC on mkt buy 20.60 AUD	ORD 1,05	1 1,05
02-Aug-17 BlackRock Investment Management (UK) on mkt buy 20.60 AUD Limited	ORD 1,04	6 1,04
02-Aug-17 BlackRock Institutional Trust Company, on mkt buy 20.60 AUD National Association	ORD 32,73	8 32,73
02-Aug-17 BlackRock Institutional Trust Company, on mkt buy 20.60 AUD National Association	ORD 30	9 30
02-Aug-17 BlackRock Institutional Trust Company, on mkt buy 20.60 AUD National Association	ORD 2,42	5 2,42
02-Aug-17 BlackRock Investment Management (UK) on mkt buy 20.60 AUD Limited	ORD 2,44	0 2,44
02-Aug-17 BlackRock Advisors (UK) Limited on mkt buy 20.60 AUD	ORD 6,41	8 6,41
02-Aug-17 BlackRock Advisors (UK) Limited on mkt buy 20.60 AUD	ORD 5,02	
02-Aug-17 BlackRock Advisors (UK) Limited on mkt buy 20.60 AUD	ORD 10,07	
O2-Aug-17         BlackRock Financial Management, Inc.         on mkt buy         20.60         AUD	ORD 2,04	
02-Aug-17 BlackRock Institutional Trust Company, on mkt buy 20.60 AUD	ORD 90	6 90
Openational Association         Dational Association         Description           02-Aug-17         BlackRock Institutional Trust Company, on mkt buy         20.60         AUD	ORD 4,57	
National Association		
02-Aug-17 BlackRock Investment Management (UK) on mkt sell 20.56 AUD	ORD -7	
02-Aug-17 BlackRock Advisors (UK) Limited on mkt buy 20.76 AUD	ORD 1,09	
02-Aug-17 BlackRock Investment Management (UK) on mkt buy 20.76 AUD Limited	ORD 90	
02-Aug-17 BlackRock Advisors (UK) Limited in specie n/a AUD	ORD -1,68	
02-Aug-17 BlackRock Advisors, LLC collateral transfer n/a AUD	ORD 4,04	
02-Aug-17 BlackRock Japan Co., Ltd. collateral transfer n/a AUD	ORD -38,09	6 -38,09

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ		number of s affected	Person's votes affected
02-Aug-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	7,787	7,787
02-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,287,956	-1,287,956
02-Aug-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	9	ę
02-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3,954	-3,954
02-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	31,648	31,648
02-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,186	-67,186
02-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	28,281	28,281
03-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.88	AUD	ORD	1,188	1,188
03-Aug-17	BlackRock Fund Advisors	on mkt buy	20.88	AUD	ORD	5,815	5,815
03-Aug-17	BlackRock Advisors, LLC	on mkt sell	20.88	AUD	ORD	-3,246	-3,246
03-Aug-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	24,305	24,305
03-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,956	4,956
03-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	123	123
03-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	60,430	60,430
03-Aug-17	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-18,759	-18,759
03-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,300,940	1,300,940
03-Aug-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-203	-203
03-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	9,209	9,209
03-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-18,041	-18,041
03-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	27,966	27,966
03-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-698	-698
04-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	21.00	AUD	ORD	-29,869	-29,869
04-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.99	AUD	ORD	4,401	4,401
04-Aug-17	BlackRock Institutional Trust Company,	on mkt buy	20.99	AUD	ORD	1,606	1,600
04-Aug-17	National Association BlackRock Institutional Trust Company,	on mkt buy	20.99	AUD	ORD	914	914
	National Association	1.1	00.00		000	0.400	0.40
04-Aug-17 04-Aug-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt buy on mkt buy	20.99 20.99	AUD	ORD ORD	6,429 819	6,429
	<b>.</b> .	-					4.000
04-Aug-17	BlackRock Asset Management Canada Limited	on mkt buy	20.99	AUD	ORD	4,336	4,336
04-Aug-17	BlackRock Investment Management, LLC	on mkt buy	20.99	AUD	ORD	1,000	1,000
04-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.99	AUD	ORD	29,276	29,276
04-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.99	AUD	ORD	2,307	2,307
04-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.99	AUD	ORD	2,658	2,658
04-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.99	AUD	ORD	11,059	11,059
04-Aug-17 04-Aug-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt buy on mkt buy	20.99 20.99	AUD AUD	ORD ORD	8,513 1,358	8,513 1,358
04-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.99	AUD	ORD	3,251	3,251
04-Aug-17	BlackRock Institutional Trust Company,	on mkt buy	20.99	AUD	ORD	7,165	7,165
_	National Association	-				-	
04-Aug-17	BlackRock International Limited	on mkt buy	20.99	AUD	ORD	9,823	9,823
04-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.99	AUD	ORD	1,096	1,096
04-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	20.95	AUD	ORD	-3,422	-3,422
04-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-425	-42
04-Aug-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD AUD	ORD ORD	-537,042 -925,488	-537,042 -925,488
04-Aug-17		collateral transfer					
04-Aug-17 04-Aug-17	BlackRock Capital Management, Inc. BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	169 -156	169 -156
04-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,250	-4,250
04-Aug-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	9,216	9,216
	Limited						

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and r securities		Person's votes affected
07-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.93	AUD	ORD	5,208	5,20
07-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.93	AUD	ORD	6,498	6,49
07-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.93	AUD	ORD	1,095	1,09
07-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-86	-8
07-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-114	-11
07-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,768	1,76
07-Aug-17	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-53	
07-Aug-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	304	3
07-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-108	-1
07-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	927,320	927,3
07-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,570	3,5
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.71	AUD	ORD	14	
08-Aug-17	BlackRock Investment Management, LLC	on mkt buy	20.71	AUD	ORD	41	
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.71	AUD	ORD	10	
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.71	AUD	ORD	9	
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.71	AUD	ORD	6	
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	12	
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.70	AUD	ORD	7	
08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.70	AUD	ORD	3	
08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.71	AUD	ORD	46	
08-Aug-17 08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.71	AUD	ORD	20	
08-Aug-17 08-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.71	AUD	ORD	6	
08-Aug-17	BlackRock Asset Management Canada	on mkt buy	20.71	AUD	ORD	14	
08-Aug-17	Limited BlackRock Investment Management, LLC	on mkt buy	20.71	AUD	ORD	8	
08-Aug-17	BlackRock Institutional Trust Company,	on mkt buy	20.71	AUD	ORD	208	
08-Aug-17	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	20.71	AUD	ORD	15	
08-Aug-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.71	AUD	ORD	14	
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	12	
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	9	
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	77	
08-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.71	AUD	ORD	8	
08-Aug-17	BlackRock Institutional Trust Company,	on mkt buy	20.70	AUD	ORD	7	
08-Aug-17	National Association BlackRock Institutional Trust Company,	on mkt buy	20.84	AUD	ORD	2,105	2,
08-Aug-17	National Association BlackRock Investment Management, LLC	on mkt buy	20.84	AUD	ORD	6,245	6,2
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.84	AUD	ORD	1,588	1,5
08-Aug-17	BlackRock Institutional Trust Company,	on mkt buy	20.84	AUD	ORD	1,389	1,3
08-Aug-17	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	20.84	AUD	ORD	838	8
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.84	AUD	ORD	1,780	1,7
08-Aug-17 08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.84	AUD	ORD	1,780	1,1
08-Aug-17 08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.84	AUD	ORD	771	1,0
08-Aug-17 08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.84	AUD	ORD	7,054	7,0
08-Aug-17 08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.84	AUD	ORD	3,010	3,
08-Aug-17 08-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.84	AUD	ORD	<u>3,010</u> 871	3,
08-Aug-17	BlackRock Asset Management Canada	on mkt buy	20.84	AUD	ORD	2,139	2,
08-Aug-17	Limited BlackRock Investment Management, LLC	on mkt buy	20.84	AUD	ORD	1,168	1,
		•					
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.84	AUD	ORD	31,904	31,9

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ		number of s affected	Person's votes affected
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.84	AUD	ORD	2,238	2,23
08-Aug-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.84	AUD	ORD	2,114	2,11
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.84	AUD	ORD	1,763	1,76
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.84	AUD	ORD	1,337	1,33
08-Aug-17 08-Aug-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt buy on mkt buy	20.84	AUD	ORD ORD	<u>11,738</u> 1,242	11,73 1,24
06-Aug-17	Diackrock Financial Management, Inc.	on niki buy	20.64	AUD	URD	1,242	1,24
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.84	AUD	ORD	1,074	1,07
08-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	20.84	AUD	ORD	11,897	11,89
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.84	AUD	ORD	325	3
08-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.85	AUD	ORD	902	90
08-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.85	AUD	ORD	3,967	3,9
08-Aug-17	BlackRock International Limited	on mkt buy	20.85	AUD	ORD	7,611	7,6
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.92	AUD	ORD	1,096	1,0
08-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.92	AUD	ORD	3,288	3,2
08-Aug-17	BlackRock Investment Management (UK)	on mkt buy	20.92	AUD	ORD	3,187	3,1
08-Aug-17	Limited BlackRock Institutional Trust Company,	on mkt buy	20.92	AUD	ORD	25,112	25,1
5	National Association						
08-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,896	1,8
08-Aug-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,603	-7,6
08-Aug-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-6,997	-6,9
08-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-93,357	-93,3
08-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-144,505	-144,5
08-Aug-17 08-Aug-17	BlackRock Capital Management, Inc. BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-623 -33,731	-6 -33,7
			11/a				
08-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-246,272	-246,2
08-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,255,397	-1,255,3
08-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-74,582	-74,5
09-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	20.85	AUD	ORD	-546	-5
09-Aug-17	BlackRock Asset Management North Asia Limited	on mkt sell	20.85	AUD	ORD	-785	-7
09-Aug-17	BlackRock Advisors, LLC	on mkt sell	20.85	AUD	ORD	-41,873	-41.8
09-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	20.85	AUD	ORD	-1,320	-1,3
_	<b>-</b>						
09-Aug-17	BlackRock Investment Management, LLC	on mkt sell	20.85	AUD	ORD	-10,767	-10,7
09-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	20.85	AUD	ORD	-1,404	-1,4
09-Aug-17	BlackRock Financial Management, Inc.	on mkt buy	20.83	AUD	ORD	2,240	2,2
09-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.80	AUD	ORD	368	3
09-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.80	AUD	ORD	4,811	4,8
09-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	1
09-Aug-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,681	1,6
09-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	844	8
09-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,638	4,6
09-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	479	4
09-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,976	-2,9
10-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.47	AUD	ORD	671	6
10-Aug-17	BlackRock Asset Management Canada Limited	on mkt buy	21.26	AUD	ORD	6,303	6,3
10-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.26	AUD	ORD	-1,269	-1,2
10-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-920,787	-920,7
10-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-927,752	-927,7
10-Aug-17							
11-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.52	AUD	ORD	-1,655	-1,6
	BlackRock Institutional Trust Company, National Association BlackRock International Limited	on mkt sell on mkt buy	20.52	AUD	ORD	-1,655	-1,6

11-Aug-17         BlackRock Institutional Trust Company, National Association         0 mit sell         20.51         AUD         ORD         -1,677           11-Aug-17         BlackRock Institutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -1,239         11           11-Aug-17         BlackRock Financial Managament, Inc.         on mit sell         20.51         AUD         ORD         -2,336           11-Aug-17         BlackRock Financial Managament, Inc.         on mit sell         20.51         AUD         ORD         -2,336           11-Aug-17         BlackRock Anstitutional Trust Company, on mit sell         20.51         AUD         ORD         -3,657           11-Aug-17         BlackRock Anstitutional Trust Company, national Association         on mit sell         20.51         AUD         ORD         -2,878           11-Aug-17         BlackRock Anstore (IV) Limited         on mit sell         20.51         AUD         ORD         -2,878           11-Aug-17         BlackRock Anstore (IV) Limited         on mit sell         20.51         AUD         ORD         -2,878           11-Aug-17         BlackRock Anstore (IV) Limited         on mit sell         20.51         AUD         ORD         -4,860           11-Aug	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
National Association         National Association           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -1.780           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -2.338           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -2.338           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -3.537           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -3.537           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -3.537           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         -2.217           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         4.569           11-Aug-17         BuckRock Institutional Trust Company, on mit sell         20.51         AUD         ORD         4.580           11-Aug-17         BuckRock Andreas (UK) Limited         onalitatrel transfer	11-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	20.51	AUD	ORD	-1,131	-1,13
National Association         Number of the sociation of the set of the sociation of the set of the sociation o	11-Aug-17		on mkt sell	20.51	AUD	ORD	-1,677	-1,67
11-4up1         BlackRock Institutional Trust Company, and Association         on mix sell         20.51         AUD         ORD         -1.780           11-1up1         BlackRock Institutional Trust Company, and Association         on mix sell         20.51         AUD         ORD         -2.338           11-Aug 17         BlackRock Institutional Trust Company, and Association         on mix sell         20.51         AUD         ORD         -1.661           11-Aug 17         BlackRock Institutional Trust Company, National Association         on mix sell         20.51         AUD         ORD         -3.517           11-Aug 17         BlackRock Institutional Trust Company, National Association         on mix sell         20.51         AUD         ORD         -2.217           11-Aug 17         BlackRock Institutional Trust Company, National Association         in specie         n/a         AUD         ORD         -2.217           11-Aug 17         BlackRock Institutional Trust Company, National Association         in specie         n/a         AUD         ORD         4.869           11-Aug 17         BlackRock Institutional Trust Company, National Association         in specie         n/a         AUD         ORD         4.869           11-Aug 17         BlackRock Institutional Trust Company, National Association         in specie         <	11-Aug-17		on mkt sell	20.51	AUD	ORD	-12,239	-12,23
1-Aug-17         BlackRock Institutional Trust Company, National Association         on mixt sell         20.51         AUD         ORD         -8.687           11-Aug-17         BlackRock Institutional Trust Company, National Association         on mixt sell         20.51         AUD         ORD         -1.651           11-Aug-17         BlackRock Institutional Trust Company, National Association         on mixt sell         20.51         AUD         ORD         -2.298           11-Aug-17         BlackRock Institutional Trust Company, National Association         on mixt sell         20.51         AUD         ORD         -3.137           11-Aug-17         BlackRock Institutional Trust Company, Normal Association         on mixt sell         20.51         AUD         ORD         -5.618           11-Aug-17         BlackRock Institutional Trust Company, Institutional Association         in specie         n/a         AUD         ORD         4.860           11-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -2.218           11-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -3.279           11-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD	11-Aug-17	BlackRock Institutional Trust Company,	on mkt sell	20.51	AUD	ORD	-1,780	-1,78
National Association         on mit sell         20.51         AUD         ORD         -1.651           11-Aug-17         BuckRock Institutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -2.998           11-Aug-17         BuckRock Anstitutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -2.998           11-Aug-17         BuckRock Anstitutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -1.924         1           11-Aug-17         BuckRock Institutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -1.924         1           11-Aug-17         BuckRock Institutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -1.824         1           11-Aug-17         BuckRock Advisors (UIC) Imited         collateral transfer         n/a         AUD         ORD         924.580         92           11-Aug-17         BuckRock Advisors (UIC) Imited         collateral transfer         n/a         AUD         ORD         -3.579           11-Aug-17         BuckRock Advisors (UIC) Imited         on mit sell         20.53         AUD <td>11-Aug-17</td> <td>BlackRock Financial Management, Inc.</td> <td>on mkt sell</td> <td>20.51</td> <td>AUD</td> <td>ORD</td> <td>-2,336</td> <td>-2,33</td>	11-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	20.51	AUD	ORD	-2,336	-2,33
National Association         on mkt sell         20.51         AUD         ORD         -2.998           11-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20.51         AUD         ORD         -3.137           11-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20.51         AUD         ORD         -2.217           11-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20.51         AUD         ORD         -2.217           11-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt sell         20.51         AUD         ORD         -9.618         -           11-Aug-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         4.980           11-Aug-17         BlackRock Advisors (UK) Limited         colateral transfer         n/a         AUD         ORD         9.2188         20.53           11-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -2.012         -           14-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -2.012         -           14-Aug-17         Blac	11-Aug-17		on mkt sell	20.51	AUD	ORD	-8,687	-8,68
National Association           114.up.17         BlackRock Advisors (UK) Limited on mkt sell 20.51         AUD         ORD         -2.217           114.up.17         BlackRock Advisors (UK) Limited on mkt sell 20.51         AUD         ORD         -2.217           114.up.17         BlackRock Institutional Trust Company, no mkt sell 20.51         AUD         ORD         -11.124           114.up.17         BlackRock Institutional Trust Company, national Association         in specie         n/a         AUD         ORD         4.880           114.up.17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         9.21.880         92           114.up.17         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         9.2.88         92           14.4up.17         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         3.2.88         92           14.4up.17         BlackRock Advisors (UK) Limited         in specie         n/a         AUD         ORD         3.2.89         92           14.4up.17         BlackRock Advisors (UK) Limited         on specie         n/a         AUD         ORD         6.137           14.4up.17         BlackRock Advisors	11-Aug-17		on mkt sell	20.51	AUD	ORD	-1,651	-1,65
11-Lug-17         BlackRock Advisors (UK) Limited         on mit sell         20.51         AUD         ORD         -2.217           11-Lug-17         BlackRock Mutional Trust Company, National Association         on mit sell         20.51         AUD         ORD         -11.824         -1           11-Lug-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         4.860           11-Lug-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         4.860           11-Lug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         9294.560         99           14-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -3.278           14-Aug-17         BlackRock Institutional Trust Company, National Association         on mit sell         20.53         AUD         ORD         -2.012         -           14-Aug-17         BlackRock Mutional Trust Company, National Association         in specie         n/a         AUD         ORD         6,137           14-Aug-17         BlackRock Investment Management (LLC         collateral transfer         n/a         AUD         ORD	11-Aug-17		on mkt sell	20.51	AUD	ORD	-2,998	-2,99
11-4ug-17         BlackRock Institutional Tract Company, Institutional Association         on mit sell         20.51         AUD         ORD         -9,618           11-4ug-17         BlackRock Institutional Tract Company, Institutional Association         on mit sell         20.51         AUD         ORD         -11,924         -1           11-4ug-17         BlackRock Institutional Tract Company, United         on mit sell         20.51         AUD         ORD         4.860           11-4ug-17         BlackRock Advisors         UN         collateral transfer         n/a         AUD         ORD         921,880         92           11-4ug-17         BlackRock Advisors (UN) Limited         collateral transfer         n/a         AUD         ORD         93,288         92           11-4ug-17         BlackRock Advisors (UN) Limited         on mit sell         20.53         AUD         ORD         -2,012         -           11-4ug-17         BlackRock Advisors (UN) Limited         on mit sell         20.53         AUD         ORD         -2,012         -           11-4ug-17         BlackRock Advisors (UN) Limited         on specie         n/a         AUD         ORD         -8,676         -           11-4ug-17         BlackRock Insthutional Trust Company, on mit sell         20.53	11-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	20.51	AUD	ORD	-3,137	-3,13
National Association         National Association           11-Aug-17         BlackRock Intrustment Management (UK) in specie         n/a         AUD         ORD         -11,824         -1           11-Aug-17         BlackRock Investment Management (UK) in specie         n/a         AUD         ORD         7,803           11-Aug-17         BlackRock Investment Management (UK) in specie         n/a         AUD         ORD         994,560         99           11-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         932,880         99           14-Aug-17         BlackRock Institutional Trust Company, on mkt sell         20.53         AUD         ORD         -3,579           14-Aug-17         BlackRock Institutional Trust Company, on mkt sell         20.53         AUD         ORD         -2,012           14-Aug-17         BlackRock Autoria Tust Company, on mkt sell         20.53         AUD         ORD         6,137           14-Aug-17         BlackRock Autoria Tust Company, on mkt sell         20.53         AUD         ORD         6,137           14-Aug-17         BlackRock Invastment Management (UK) collateral transfer         n/a         AUD         ORD         6,137           14-Aug-17         BlackRock Instrangement, L	11-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	20.51	AUD	ORD	-2,217	-2,21
National Association         In Aug-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         4,860           11-Aug-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         7,603           11-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         924,569         99           14-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         3,279           14-Aug-17         BlackRock Advisors (UK) Limited         nmkt sell         20,53         AUD         ORD         -2,012           14-Aug-17         BlackRock Institutional Trust Company, National Association         nmkt sell         20,53         AUD         ORD         6,137           14-Aug-17         BlackRock Advisors (UK) Limited         in specie         n/a         AUD         ORD         4,812         -           14-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         4,924           14-Aug-17         BlackRock Institutional Trust Company, Institutional Association         nmkt buy         20,96         AUD         ORD         924 <td< td=""><td>11-Aug-17</td><td></td><td>on mkt sell</td><td>20.51</td><td>AUD</td><td>ORD</td><td>-9,618</td><td>-9,61</td></td<>	11-Aug-17		on mkt sell	20.51	AUD	ORD	-9,618	-9,61
11-Aug-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         7,603           11-Juag-17         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         921,880         92           11-Aug-17         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         93,288         93           14-Aug-17         BlackRock Institutional Trust Company, on mkt sell         20,53         AUD         ORD         -3,579         -           14-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20,53         AUD         ORD         -2,012         -           14-Aug-17         BlackRock Advisors (UK) Limited         in specie         n/a         AUD         ORD         6,137           14-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         9,66         94           14-Aug-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         994         66         94           14-Aug-17         BlackRock Institutional Trust Company, on mkt buy         20,96         AUD         ORD         907         Na	11-Aug-17		on mkt sell	20.51	AUD	ORD	-11,924	-11,92
Limited         Limited         Limited           11-Aug-17         BlackRock Advisora (UK) Limited         collateral transfer         n/a         AUD         ORD         921,880         22           14-Aug-17         BlackRock Advisora (UK) Limited         on mkt sell         20.53         AUD         ORD         3,579           14-Aug-17         BlackRock Advisora (UK) Limited         on mkt sell         20.53         AUD         ORD         -2,012           14-Aug-17         BlackRock Advisora (UK) Limited         in specie         n/a         AUD         ORD         -2,012           14-Aug-17         BlackRock Advisora (UK) Limited         in specie         n/a         AUD         ORD         -6,137           14-Aug-17         BlackRock Advisora (UK) Limited         in specie         n/a         AUD         ORD         -4,766           14-Aug-17         BlackRock Advisora (UK) collateral transfer         n/a         AUD         ORD         -994,560         -99           14-Aug-17         BlackRock Institutional Trust Company.         on mkt buy         20.96         AUD         ORD         921           15-Aug-17         BlackRock Institutional Trust Company.         on mkt buy         20.96         AUD         ORD         772								4,86
11-Lug-17       BlackRock Advisors (UK) Limited       colleteral transfer       n/a       AUD       ORD       994,560       99         14-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       20.53       AUD       ORD       -3,579       -         14-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       20.53       AUD       ORD       -2,012       -         14-Aug-17       BlackRock Kavsors (UK) Limited       in specie       n/a       AUD       ORD       8,766         14-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -8,162         14-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -994,560       -99         14-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       3.573         15-Aug-17       BlackRock Institutional Tru	-	Limited	•				,	7,60
14-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         20.5.3         AUD         ORD         -3.288           14-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt sell         20.53         AUD         ORD         -3.579           14-Aug-17         BlackRock Institutional Trust Company, and Control Advisors         on mkt sell         20.53         AUD         ORD         -2.012         -           14-Aug-17         BlackRock Advisors (UK) Limited         in specie         n/a         AUD         ORD         6,137           14-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -4.812           14-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -94.560         99           14-Aug-17         BlackRock Investment Management, LLC         on mkt buy         20.96         AUD         ORD         907           15-Aug-17         BlackRock Investment Management, LLC         on mkt buy         20.96         AUD         ORD         9324           15-Aug-17         BlackRock Investment Management, LLC         on mkt buy         20.96         AUD         ORD         3.573	<u> </u>							921,88
14-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       20.53       AUD       ORD       -3.579       -         14-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       20.53       AUD       ORD       -2.012       -         14-Aug-17       BlackRock Advisors (UK) Limited       in specie       n/a       AUD       ORD       8.766         14-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       8.766         14-Aug-17       BlackRock Avisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -994,566       -99         14-Aug-17       BlackRock Investment Management (UK) collateral transfer       n/a       AUD       ORD       924       61         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       -4388         15-Aug-17 <t< td=""><td>V</td><td></td><td></td><td></td><td></td><td></td><td></td><td>994,56</td></t<>	V							994,56
National Association           14-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt sell         20.53         AUD         ORD         -2,012           14-Aug-17         BlackRock Andrsox Advisors         in specie         n/a         AUD         ORD         6,137           14-Aug-17         BlackRock Androsor, Lud.         collateral transfer         n/a         AUD         ORD         -4,812           14-Aug-17         BlackRock Androsor, UK) Limited         collateral transfer         n/a         AUD         ORD         -4,812           14-Aug-17         BlackRock Investment Management, ULC         on mkt buy         20.96         AUD         ORD         994,560         99           14-Aug-17         BlackRock Investment Management, LLC         on mkt buy         20.96         AUD         ORD         907           15-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.96         AUD         ORD         772           15-Aug-17         BlackRock International Limited         on mkt buy         20.96         AUD         ORD         3573           15-Aug-17         BlackRock International Limited         on mkt buy         20.96         AUD         ORD         4,389	<u> </u>							-3,28
National Association           14-Aug-17         BlackRock Advisors (UK) Limited in specie         n'a         AUD         ORD         6,137           14-Aug-17         BlackRock Advisors (UK) Limited collateral transfer         n'a         AUD         ORD         4,812           14-Aug-17         BlackRock Advisors (UK) Limited collateral transfer         n'a         AUD         ORD         -994,560         -99           14-Aug-17         BlackRock Advisors (UK) Limited collateral transfer         n'a         AUD         ORD         -994,560         -99           14-Aug-17         BlackRock Investment Management, LLC         on mkt buy         20.96         AUD         ORD         924           15-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.96         AUD         ORD         907           15-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt buy         20.96         AUD         ORD         645           15-Aug-17         BlackRock International Limited         on mkt buy         20.96         AUD         ORD         3,573           15-Aug-17         BlackRock Advisors (UK) Limited         on mkt buy         20.95         AUD         ORD         -4.388           15-Aug-17 <td></td> <td>National Association</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-3,57</td>		National Association						-3,57
14-Aug-17       BlackRock Japan Co., Ltd.       collateral transfer       n/a       AUD       ORD       8.766         14-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -9.94,560       -99         14-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       9.94,560       -99         14-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       9.924         15-Aug-17       BlackRock Institutional Trust Company, norm kt buy       20.96       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, norm kt buy       20.96       AUD       ORD       772         15-Aug-17       BlackRock Institutional Trust Company, norm kt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Anagement, LLC       orm kt buy       20.96       AUD       ORD       3.573         15-Aug-17       BlackRock Anagement Canada       orm kt buy       20.95       AUD       ORD       3.573         15-Aug-17       BlackRock Advisors (UK) Limited       orm kt sell       21.14       AUD       ORD       -510         15-Aug-17 <td></td> <td>National Association</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-2,01</td>		National Association						-2,01
14-Aug-17       BlackRock Japan Co., Ltd.       collateral transfer       n/a       AUD       ORD       -4.812								6,13
14-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -994,560       -99         14-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       613,123       61         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       977         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Asset Management, LLC       on mkt buy       20.96       AUD       ORD       3,573         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.95       AUD       ORD       3,573         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -510         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -510         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.1								8,76
14-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       619,123       61         15-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.96       AUD       ORD       924         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Advisors (UK)       on mkt buy       20.95       AUD       ORD       3,673         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.95       AUD       ORD       3,673         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388       -         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388       -         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD								-4,81
15-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.96       AUD       ORD       924         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       907         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       772         15-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.95       AUD       ORD       889         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.95       AUD       ORD       3,573         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       4,388         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -1,528         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -1,528         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -1,6528		BlackRock Investment Management (UK)					,	-994,56 619,12
National Association       National Association         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       20.96       AUD       ORD       772         15-Aug-17       BlackRock Japan Co., Ltd.       on mkt buy       20.96       AUD       ORD       645         15-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.96       AUD       ORD       889         15-Aug-17       BlackRock International Limited       on mkt buy       20.95       AUD       ORD       3,573         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       20.95       AUD       ORD       3,573         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -1,528         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       16,5284       -16         15-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1,985         15-Aug-17       BlackRock Institutional Trust Company, National Associat	15-Aug-17		on mkt buy	20.96	AUD	ORD	924	92
National Association           15-Aug-17         BlackRock Japan Co., Ltd.         on mkt buy         20.96         AUD         ORD         645           15-Aug-17         BlackRock Investment Management, LLC         on mkt buy         20.95         AUD         ORD         889           15-Aug-17         BlackRock International Limited         on mkt buy         20.95         AUD         ORD         3,573           15-Aug-17         BlackRock Asset Management Canada         on mkt buy         20.95         AUD         ORD         3,573           15-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         21.14         AUD         ORD         -4,388           15-Aug-17         BlackRock Advisors (UK) Limited         on mkt sell         21.14         AUD         ORD         -510           15-Aug-17         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         1,695           15-Aug-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         1,695           15-Aug-17         BlackRock Institutional Trust Company, National Association         on mkt sell         21.46         AUD         ORD         -711           16-Aug-17	15-Aug-17		on mkt buy	20.96	AUD	ORD	907	90
15-Aug-17       BlackRock Investment Management, LLC       on mkt buy       20.96       AUD       ORD       889         15-Aug-17       BlackRock International Limited       on mkt buy       20.95       AUD       ORD       3,573         15-Aug-17       BlackRock Asset Management Canada Limited       on mkt buy       20.74       AUD       ORD       111         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -510         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -1,528         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -1,695         15-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -165,284       -16         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.46       AUD       ORD       -711         16-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.58	15-Aug-17		on mkt buy	20.96	AUD	ORD	772	77
15-Aug-17       BlackRock International Limited       on mkt buy       20.95       AUD       ORD       3,573         15-Aug-17       BlackRock Asset Management Canada Limited       on mkt buy       20.74       AUD       ORD       111         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4,388         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -1,528         15-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1,695         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.46       AUD       ORD       -711         16-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.46       AUD       ORD       -641         16-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.58 <td< td=""><td></td><td>BlackRock Japan Co., Ltd.</td><td>on mkt buy</td><td>20.96</td><td></td><td>ORD</td><td>645</td><td>64</td></td<>		BlackRock Japan Co., Ltd.	on mkt buy	20.96		ORD	645	64
15-Aug-17       BlackRock Asset Management Canada Limited       on mkt buy       20.74       AUD       ORD       111         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -4.388       -         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -510         15-Aug-17       BlackRock Advisors (UK) Limited       on mkt sell       21.14       AUD       ORD       -1.528       -         15-Aug-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -165,284       -16         15-Aug-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -165,284       -16         15-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.46       AUD       ORD       -711         16-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.58       AUD       ORD       -510         16-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt sell       21.58       AUD       ORD       -510         16-Aug-17       BlackRock Instituti	15-Aug-17	BlackRock Investment Management, LLC	on mkt buy	20.96	AUD	ORD	889	88
LimitedLimited15-Aug-17BlackRock Advisors (UK) Limitedon mkt sell21.14AUDORD-4,388-15-Aug-17BlackRock Advisors (UK) Limitedon mkt sell21.14AUDORD-51015-Aug-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-1,52815-Aug-17BlackRock Investment Management, LLCcollateral transfern/aAUDORD-1,652815-Aug-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-165,284-1615-Aug-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD1,98516-Aug-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD-71116-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.46AUDORD-64116-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD-51016-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD-3,10916-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD-3,10916-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD-3,10916-Aug-17BlackRock Institutional Trust Company, (Australia) Limited <t< td=""><td>15-Aug-17</td><td>BlackRock International Limited</td><td>on mkt buy</td><td>20.95</td><td>AUD</td><td>ORD</td><td>3,573</td><td>3,57</td></t<>	15-Aug-17	BlackRock International Limited	on mkt buy	20.95	AUD	ORD	3,573	3,57
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16-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.46AUDORD-71116-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.46AUDORD-64116-Aug-17BlackRock Advisors (UK) Limited National Associationon mkt sell21.58AUDORD-51016-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD-51016-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD8,23116-Aug-17BlackRock Investment Management (Australia) Limitedon mkt sell21.58AUDORD-3,10916-Aug-17BlackRock Advisors (UK) Limited (Australia) Limitedon mkt buy21.58AUDORD70016-Aug-17BlackRock Fund Advisors (Australia) Limitedon mkt buy21.58AUDORD39216-Aug-17BlackRock Japan Co., Ltd. (Collateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limited (Aug-17collateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfer<	15-Aug-17	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,985	1,98
16-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.46AUDORD-64116-Aug-17BlackRock Advisors (UK) Limitedon mkt sell21.58AUDORD-51016-Aug-17BlackRock Institutional Trust Company, National Associationon mkt sell21.58AUDORD8,23116-Aug-17BlackRock Investment Management (Australia) Limitedon mkt sell21.58AUDORD-3,109-16-Aug-17BlackRock Investment Management (Australia) Limitedon mkt buy21.58AUDORD-3,09-16-Aug-17BlackRock Advisors (UK) Limited I6-Aug-17on mkt buy21.58AUDORD392-16-Aug-17BlackRock Japan Co., Ltd. I6-Aug-17collateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD1,022,8571,02	16-Aug-17	BlackRock Institutional Trust Company,	on mkt sell	21.46	AUD	ORD	-711	-71
16-Aug-17BlackRock Advisors (UK) Limitedon mkt sell21.58AUDORD-51016-Aug-17BlackRock Institutional Trust Company, National Associationon mkt buy21.58AUDORD8,23116-Aug-17BlackRock Investment Management (Australia) Limitedon mkt sell21.58AUDORD-3,109-16-Aug-17BlackRock Advisors (UK) Limitedon mkt buy21.58AUDORD700-16-Aug-17BlackRock Advisors (UK) Limitedon mkt buy21.58AUDORD70016-Aug-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-3,339-16-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD1,022,8571,02	16-Aug-17	BlackRock Institutional Trust Company,	on mkt sell	21.46	AUD	ORD	-641	-64
16-Aug-17       BlackRock Institutional Trust Company, National Association       on mkt buy       21.58       AUD       ORD       8,231         16-Aug-17       BlackRock Investment Management (Australia) Limited       on mkt sell       21.58       AUD       ORD       -3,109         16-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       21.58       AUD       ORD       700         16-Aug-17       BlackRock Advisors (UK) Limited       on mkt buy       21.58       AUD       ORD       700         16-Aug-17       BlackRock Japan Co., Ltd.       collateral transfer       n/a       AUD       ORD       392         16-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -3,339         16-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -3,339         16-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       1,022,857       1,02         16-Aug-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       1,022,857       1,02	16-Aug-17		on mkt sell	21,58	AUD	ORD	-510	-51
16-Aug-17BlackRock Investment Management (Australia) Limitedon mkt sell21.58AUDORD-3,109-16-Aug-17BlackRock Advisors (UK) Limitedon mkt buy21.58AUDORD70016-Aug-17BlackRock Fund Advisorsin specien/aAUDORD39216-Aug-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-3,33916-Aug-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD1,022,8571,02	¥	BlackRock Institutional Trust Company,						8,23
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16-Aug-17         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -3,339         -           16-Aug-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1,022,857         1,02								39
16-Aug-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD 1,022,857 1,02	<b>U</b>				AUD			-3,33
16-Aug-17 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -1,695 -	16-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD		1,022,85
	16-Aug-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,695	-1,69

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and securities		Person's votes affected
16-Aug-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-408,104	-408,10
16-Aug-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,985	-1,98
17-Aug-17	BlackRock Fund Advisors	on mkt buy	21.70	AUD	ORD	9,720	9,72
17-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.48	AUD	ORD	-5,040	-5,04
17-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.53	AUD	ORD	2,804	2,80
17-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.50	AUD	ORD	5,046	5,04
17-Aug-17	BlackRock Fund Advisors	on mkt buy	21.50	AUD	ORD	4,383	4,38
17-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.50	AUD	ORD	4,049	4,04
17-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	21.50	AUD	ORD	-564	-56
17-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	196	19
17-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,176	-8,17
17-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,832	-8,83
18-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.10	AUD	ORD	193,136	193,13
18-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-2,952	-2,95
18-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	21.48	AUD	ORD	-76,065	-76,06
18-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	21.39	AUD	ORD	-1,799	-1,79
18-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	21.39	AUD	ORD	-4,351	-4,35
18-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	21.39	AUD	ORD	-1,256	-1,25
18-Aug-17	BlackRock Investment Management (UK) Limited	on mkt sell	21.39	AUD	ORD	-972	-97
18-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-32,788	-32,78
18-Aug-17	BlackRock Institutional Trust Company,	on mkt sell	21.39	AUD	ORD	-2,336	-2,33
18-Aug-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-4,058	-4,05
18-Aug-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-2,554	-2,55
18-Aug-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-3,737	-3,73
18-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	21.39	AUD	ORD	-1,236	-1,23
18-Aug-17	BlackRock Institutional Trust Company,	on mkt sell	21.39	AUD	ORD	-5,794	-1,23
_	National Association						
18-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	21.39	AUD	ORD	-672	-67
18-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-337	-33
18-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	AUD	ORD	-70	-7
18-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.44	AUD	ORD	1,100	1,10
18-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.44	AUD	ORD	-9,078	-9,07
18-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.44	AUD	ORD	-2,333	-2,33
18-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,600	3,60
18-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,896	1,89
18-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,248	-4,24
18-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,176	-8,17
21-Aug-17	BlackRock Fund Advisors	on mkt buy	21.35	AUD	ORD	2,987	2,98
21-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	21.15	AUD	ORD	-5,346	-5,34
21-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,720	-9,72
21-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	948	94
21-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	580	58
21-Aug-17 21-Aug-17	BlackRock Fund Advisors BlackRock Japan Co., Ltd.	in specie collateral transfer	n/a n/a	AUD AUD	ORD ORD	-4,860 -1,771	-4,86
21-Aug-17 21-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD	ORD	302,776	302,77
21-Aug-17 22-Aug-17	BlackRock Fund Advisors	on mkt buy	21.32	AUD	ORD	78	302,71
22-Aug-17 22-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.28	AUD	ORD	935	93
22-Aug-17	BlackRock International Limited	on mkt buy	21.28	AUD	ORD	1,569	1,56
	BlackRock Institutional Trust Company,	on mkt buy	21.28	AUD	ORD	738	73
22-Aug-17	National Association						
22-Aug-17 22-Aug-17	National Association BlackRock Advisors (UK) Limited	on mkt buy	21.28	AUD	ORD	643	64

22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt buy on mkt buy in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell	21.28 21.28 21.28 21.28 21.28 n/a n/a n/a n/a n/a 21.41 21.41 21.41 21.39	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-1,025 -1,337 -1,593 -16,212 5,340 2,680 -3,034 -3,034 -32,538 -4,979 -6,792 -314,800 -4,368 -1,541	-1,025 -1,337 -1,593 -16,212 5,340 2,680 -3,034 -32,538 -4,975 -6,792 -314,800 -4,368 -1,541
22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell on mkt sell on mkt buy on mkt buy in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell	21.28 21.28 21.28 21.28 n/a n/a n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-1,593 -16,212 5,340 2,680 -3,034 -32,538 -4,979 -6,792 -314,800 -4,368	-1,59 -16,21 5,344 2,68 -3,03 -32,533 -32,533 -4,97 -6,79 -314,800 -4,36 -1,54
22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell on mkt buy on mkt buy in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell	21.28 21.28 21.28 n/a n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-16,212 5,340 2,680 -3,034 -32,538 -4,979 -6,792 -314,800 -4,368	-16,21: 5,344 2,684 -3,03 -32,533 -4,979 -6,799 -314,800 -4,366 -1,54
22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (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 BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell	21.28 21.28 n/a n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD	5,340 2,680 -3,034 -32,538 -4,979 -6,792 -314,800 -4,368	5,344 2,684 -3,03 -32,533 -4,979 -6,799 -314,800 -4,364 -1,54
22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (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 BlackRock Investment Management (Australia) Limited	on mkt buy in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell	21.28 n/a n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD	2,680 -3,034 -32,538 -4,979 -6,792 -314,800 -4,368	2,680 -3,034 -32,538 -4,979 -6,792 -314,800 -4,368 -1,54
22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited	in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell	n/a n/a n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD	-3,034 -32,538 -4,979 -6,792 -314,800 -4,368	-3,034 -32,538 -4,979 -6,792 -314,800 -4,368 -1,54
22-Aug-17 22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd. BlackRock Advisors (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 BlackRock Investment Management (Australia) Limited	in specie in specie collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell	n/a n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	-32,538 -4,979 -6,792 -314,800 -4,368	-32,533 -4,979 -6,792 -314,800 -4,360 -1,54
22-Aug-17 22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	in specie collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell	n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-4,979 -6,792 -314,800 -4,368	-4,979 -6,792 -314,800 -4,368 -1,541
22-Aug-17 22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell	n/a n/a 21.41 21.41 21.41	AUD AUD AUD AUD	ORD ORD ORD ORD	-6,792 -314,800 -4,368	-6,792 -314,800 -4,368 -1,54
22-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	collateral transfer on mkt sell on mkt sell on mkt sell	n/a 21.41 21.41 21.41 21.41	AUD AUD AUD	ORD ORD ORD	-314,800 -4,368	-314,800 -4,368 -1,54
23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell on mkt sell on mkt sell	21.41 21.41 21.41	AUD	ORD ORD	-4,368	-4,368 -1,54
23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	National Association BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	21.41	AUD	ORD	,	-1,541
23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	National Association BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	21.41			-1,541	
23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17 23-Aug-17	National Association BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited			AUD	ORD		
23-Aug-17   23-Aug-17   23-Aug-17   23-Aug-17	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	21 39			-1,545	-1,545
23-Aug-17 23-Aug-17 23-Aug-17	(Australia) Limited		21.00	AUD	ORD	-2,430	-2,430
23-Aug-17 23-Aug-17	BlackBock Advisors (LIK) Limited	on mkt sell	21.39	AUD	ORD	-420	-420
23-Aug-17 23-Aug-17	DIACKINOCK AUVISOIS (OIX) LITTILEU	on mkt sell	21.30	AUD	ORD	-19,800	-19,800
	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	560	560
23-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	185	185
	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	370	370
23-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	2,980	2,980
•	BlackRock Institutional Trust Company, National Association	on mkt buy	21.30	AUD	ORD	7,584	7,584
0	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,352	-1,352
23-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,502	-1,502
	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	collateral transfer on mkt sell	n/a 21.29	AUD AUD	ORD ORD	-898,000 -14,858	-898,000 -14,858
	National Association						
24-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	21.30	AUD	ORD	92,467	92,467
	BlackRock Investment Management (Australia) Limited	on mkt sell	21.31	AUD	ORD	-3,559	-3,559
	BlackRock Institutional Trust Company, National Association	on mkt sell	21.31	AUD	ORD	-50,722	-50,722
0	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,956	4,956
24-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,636	6,636
24-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,412	-2,412
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,582	-5,582
24-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	889,704	889,704
25-Aug-17	BlackRock Financial Management, Inc.	on mkt sell	21.02	AUD	ORD	-11,229	-11,229
25-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.05	AUD	ORD	282	282
25-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.92	AUD	ORD	564	564
	BlackRock Japan Co., Ltd.	on mkt sell	20.92	AUD	ORD	-1,398	-1,398
	BlackRock Advisors (UK) Limited	on mkt buy	21.02	AUD	ORD	1,102	1,102
	BlackRock Advisors (UK) Limited	on mkt sell	21.02	AUD	ORD	-2,816	-2,816
25-Aug-17	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	on mkt buy in specie	20.92 n/a	AUD AUD	ORD ORD	<u>282</u> 4,979	282 4,979
25-Aug-17	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	32,538	32,538
	Limited				000	0.000	0.00
0	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,669	-8,669
28-Aug-17	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer on mkt buy	n/a 21.13	AUD AUD	ORD ORD	-889,704 5,322	-889,704 5,322
	(Australia) Limited	colleteral transfer	2/2		000	10.464	40.40
-	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-10,461	-10,461
	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	collateral transfer on mkt buy	n/a 20.68	AUD AUD	ORD ORD	<u>883,443</u> 690	883,443 690
	BlackRock Advisors (UK) Limited	on mkt sell	20.68	AUD	ORD	-1,865	-1,865
-	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt buy on mkt sell	20.68 20.68	AUD AUD	ORD ORD	763 -3,381	763 -3,381
	BlackRock Institutional Trust Company,	on mkt sell	20.68	AUD	ORD	-28,466	-28,466
	National Association BlackRock Institutional Trust Company,	on mkt sell	20.68	AUD	ORD	-1,261	-1,261
	National Association BlackRock Advisors (UK) Limited	on mkt sell	20.68	AUD	ORD	-2,543	-2,543

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
29-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	20.68	AUD	ORD	-1,867	-1,86
29-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.68	AUD	ORD	-1,793	-1,79
29-Aug-17	BlackRock Japan Co., Ltd.	on mkt buy	21.13	AUD	ORD	23,360	23,36
29-Aug-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,195	6,19
29-Aug-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,601	-2,60
29-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-181	-18
29-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	668,513	668,5
30-Aug-17	BlackRock Fund Advisors	on mkt buy	20.77	AUD	ORD	1,470	1,4
30-Aug-17	BlackRock Japan Co., Ltd.	on mkt sell	20.79	AUD	ORD	-18,713	-18,7
30-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.78	AUD	ORD	141	1
30-Aug-17 30-Aug-17	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	20.78	AUD AUD	ORD ORD	185 16,092	16,0
30-Aug-17 30-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	20.78	AUD	ORD	282	2
30-Aug-17	BlackRock Investment Management (UK)	in specie		AUD	ORD	605	6
oo nug n	Limited		174				0
30-Aug-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	747	7
30-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,358	-1,3
30-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-176	-1
31-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.19	AUD	ORD	-9,616	-9,6
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	AUD	ORD	-16,574	-16,5
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	AUD	ORD	-4,127	-4,1
31-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.17	AUD	ORD	4,464	4,4
31-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.17	AUD	ORD	1,186	1,1
31-Aug-17	BlackRock Advisors (UK) Limited	on mkt buy	21.17	AUD	ORD	1,186	1,1
31-Aug-17	BlackRock Advisors (UK) Limited	on mkt sell	21.17	AUD	ORD	-408	-4
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.17	AUD	ORD	-4,600	-4,6
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.17	AUD	ORD	-3,362	-3,3
31-Aug-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.17	AUD	ORD	5,369	5,3
31-Aug-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.17	AUD	ORD	2,556	2,5
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.17	AUD	ORD	14,598	14,5
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.17	AUD	ORD	15,675	15,6
31-Aug-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.17	AUD	ORD	9,450	9,4
31-Aug-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.17	AUD	ORD	-7,024	-7,0
31-Aug-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,413	-3,4
31-Aug-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,360	-1,3
01-Sep-17	BlackRock Fund Advisors	on mkt buy	21.30	AUD	ORD	451	4
01-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	21.16	AUD	ORD	-22,778	-22,7
01-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.11	AUD	ORD	700	7
01-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.11	AUD	ORD	593	ť
01-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.11	AUD	ORD	1,186	1,*
01-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.11	AUD	ORD	11,267	11,2
01-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.11	AUD	ORD	-10,683	-10,6
01-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,450	-4,4
01-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-863,456	-863,4
04-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.20	AUD	ORD	6,113	6,
04-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	21.20	AUD	ORD	-25,937	-25,9
04-Sep-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,601	2,6
04-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,840	-7,8
05-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.09	AUD	ORD	1,186	1,1
05-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-705	-7
05-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.09	AUD	ORD	280	2
05-Sep-17	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	169,788	169,7
05-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,360	-5,3
06-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.96	AUD	ORD	-2,043	-2,0

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and n securities		Person's votes affected
06-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.96	AUD	ORD	-803	-803
06-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.96	AUD	ORD	-816	-816
06-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt sell	20.95	AUD	ORD	-381	-38′
06-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.96	AUD	ORD	-1,968	-1,968
06-Sep-17	BlackRock Investment Management, LLC	on mkt buy	20.97	AUD	ORD	688	68
06-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.03	AUD	ORD	2,679	2,67
06-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.03	AUD	ORD	186	18
06-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.03	AUD	ORD	593	593
06-Sep-17	BlackRock Investment Management, LLC	on mkt buy	21.03	AUD	ORD	1,680	1,68
06-Sep-17	BlackRock Fund Advisors	on mkt buy	21.03	AUD	ORD	7,290	7,29
06-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,195	6,19
06-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,896	1,89
06-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,982	-8,98
07-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.05	AUD	ORD	1,846	1,84
07-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.05	AUD	ORD	1,322	1,322
07-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.05	AUD	ORD	6,259	6,25
07-Sep-17	BlackRock Financial Management, Inc.	on mkt buy	21.05	AUD	ORD	728	72
07-Sep-17	BlackRock Asset Management Canada Limited	on mkt buy	21.05	AUD	ORD	2,294	2,29
07-Sep-17	BlackRock Investment Management, LLC	on mkt buy	21.05	AUD	ORD	930	93
07-Sep-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.05	AUD	ORD	769	76
07-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.05	AUD	ORD	19,256	19,25
07-Sep-17	BlackRock Institutional Trust Company,	on mkt buy	21.05	AUD	ORD	2,121	2,12
07-Sep-17	National Association BlackRock Advisors (UK) Limited	on mkt buy	21.05	AUD	ORD	6,967	6,96
07-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.05	AUD	ORD	5,329	5,32
07-Sep-17	BlackRock Financial Management, Inc.	on mkt buy	21.05	AUD	ORD	1,998	1,99
07-Sep-17	BlackRock Financial Management, Inc.	on mkt buy	21.04	AUD	ORD	1,386	1,38
07-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.04	AUD	ORD	5,130	5,13
07-Sep-17	BlackRock International Limited	on mkt buy	21.04	AUD	ORD	6,743	6,74
07-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.01	AUD	ORD	-6,876	-6,87
07-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.01	AUD	ORD	930	93
07-Sep-17	BlackRock Investment Management	on mkt buy	21.01	AUD	ORD	6,610	6,61
07-Sep-17	(Australia) Limited BlackRock Fund Advisors	in specie	n/o	AUD	ORD	586	EO
07-Sep-17 07-Sep-17	BlackRock Investment Management (UK)	in specie	n/a n/a	AUD	ORD	-1,284	58 -1,28
	Limited						
07-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,589	-5,58
07-Sep-17 08-Sep-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer on mkt sell	n/a 20.86	AUD AUD	ORD ORD	20,000	20,00 -44,49
08-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.78	AUD	ORD	2,204	2,20
08-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.78	AUD	ORD	840	84
08-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.78	AUD	ORD	980	98
08-Sep-17	BlackRock Fund Advisors	on mkt buy	20.78	AUD	ORD	3,120	3,12
08-Sep-17	BlackRock Asset Management Canada Limited	on mkt buy	20.78	AUD	ORD	14,715	14,71
08-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	20
08-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	915	91
08-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,455	14,45
08-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,896	1,89
08-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,161	-5,16
11-Sep-17	BlackRock Asset Management Canada Limited	on mkt buy	21.32	AUD	ORD	442	44
11-Sep-17	BlackRock Asset Management Canada Limited	on mkt buy	21.32	AUD	ORD	1,302	1,302
11-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.32	AUD	ORD	-3,623	-3,623
11-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,600	3,600

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
11-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	196	19
11-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-30,289	-30,28
11-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-10,413	-10,413
12-Sep-17	BlackRock Investment Management, LLC	on mkt buy	21.35	AUD	ORD	715	71
12-Sep-17	BlackRock Japan Co., Ltd.	on mkt buy	21.35	AUD	ORD	1,081	1,08
12-Sep-17	BlackRock Japan Co., Ltd.	on mkt buy	21.35	AUD	ORD	900	900
12-Sep-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.35	AUD	ORD	961	961
12-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.35	AUD	ORD	-2,333	-2,333
12-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.34	AUD	ORD	-6,408	-6,408
12-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	21.35	AUD	ORD	-4,091	-4,09
12-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	21.35	AUD	ORD	-1,602	-1,602
12-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	21.35	AUD	ORD	-14,403	-14,403
12-Sep-17	National Association BlackRock Institutional Trust Company,	on mkt sell	21.35	AUD	ORD	-4,235	-4,235
•	National Association						,
12-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.35	AUD	ORD	-2,943	-2,943
12-Sep-17	BlackRock Asset Management Canada Limited	on mkt buy	21.35	AUD	ORD	1,487	1,487
12-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.35	AUD	ORD	-2,460	-2,460
12-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.35	AUD	ORD	302	302
12-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,195	6,19
12-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-100	-10
12-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6,393	-6,39
12-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,393	-6,393
13-Sep-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	5,525	5,52
13-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.20	AUD	ORD	-2,090	-2,090
13-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.20	AUD	ORD	-780	-780
13-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	21.20	AUD	ORD	-788	-788
13-Sep-17	National Association BlackRock Investment Management	on mkt sell	21.20	AUD	ORD	-437	-43
13-Sep-17	(Australia) Limited BlackRock Investment Management (UK)	on mkt buy	21.36	AUD	ORD	2,868	2,868
	Limited						
13-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	21.11	AUD	ORD	252	252
13-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,844	2,844
13-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,346	-5,346
13-Sep-17 14-Sep-17	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer on mkt sell	n/a 21.07	AUD AUD	ORD ORD	-5,346 -4,412	-5,346 -4,412
-	(Australia) Limited						
14-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.08	AUD	ORD	-12,857	-12,85
14-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.08	AUD	ORD	-2,259	-2,259
14-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.97	AUD	ORD	420	42
14-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.97	AUD	ORD	593	593
14-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.97	AUD	ORD	-3,014	-3,014
14-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	20.97	AUD	ORD	287	287
14-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.97	AUD	ORD	252	252
14-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.97	AUD	ORD	280	280
14-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer		AUD	ORD	-3,664	-3,664
14-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,664	-3,664
15-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	20.96	AUD	ORD	-331	-33
15-Sep-17	National Association BlackRock Financial Management, Inc.	on mkt buy	20.97	AUD	ORD	22,410	22,410
15-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.93	AUD	ORD	-2,208	-2,208
15-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.93	AUD	ORD	-2,820	-2,820
				AUD	ORD		840
•	BlackRock Advisors (UK) Limited	on mkt duy	20.93	AUD	UKD	840	040
15-Sep-17 15-Sep-17	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	20.93	AUD	ORD	594	594

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
15-Sep-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.93	AUD	ORD	34,996	34,99
15-Sep-17	BlackRock Investment Management, LLC	on mkt sell	20.93	AUD	ORD	-5,706	-5,70
15-Sep-17	BlackRock Investment Management, LLC	on mkt sell	20.93	AUD	ORD	-5,577	-5,57
15-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.93	AUD	ORD	-3,237	-3,23
15-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,340	-5,34
15-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,341	-5,34
18-Sep-17	BlackRock Investment Management, LLC	on mkt buy	21.00	AUD	ORD	255	25
18-Sep-17	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-6,280	-6,28
18-Sep-17 19-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	20.97	AUD	ORD	-6,280 -1,282	-6,28 -1,28
•	National Association						
19-Sep-17 19-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.97 20.97	AUD AUD	ORD ORD	-1,845 -4,246	-1,84 -4,24
·	BlackRock Investment Management (Australia) Limited			-		,	,
19-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.97	AUD	ORD	-4,239	-4,23
19-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.97	AUD	ORD	-1,510	-1,51
19-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.97	AUD	ORD	-21,678	-21,67
19-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.97	AUD	ORD	-1,910	-1,91
19-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.97	AUD	ORD	-902	-90
19-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	20.97	AUD	ORD	-4,048	-4,04
19-Sep-17	National Association BlackRock Advisors (UK) Limited	on mkt sell	20.97	AUD	ORD	-1,569	-1,56
19-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.97	AUD	ORD	-1,251	-1,30
19-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.97	AUD	ORD	-4,341	-4,34
19-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.94	AUD	ORD	13,236	13,23
19-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.94	AUD	ORD	140	14
19-Sep-17 19-Sep-17	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a	AUD AUD	ORD ORD	6,195 4,956	6,19
19-Sep-17 19-Sep-17	BlackRock Advisors (UK) Limited	in specie	n/a n/a	AUD	ORD	-3,812	4,95
19-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,827	-4,82
19-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,826	-4,82
20-Sep-17	BlackRock Asset Management North Asia Limited	on mkt buy	20.66	AUD	ORD	1,720	1,72
20-Sep-17	BlackRock Investment Management (UK) Limited	on mkt buy	20.69	AUD	ORD	387	38
20-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.62	AUD	ORD	-17,115	-17,11
20-Sep-17	BlackRock (Netherlands) B.V.	on mkt buy	20.62	AUD	ORD	1,783	1,78
20-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,458	-2,45
20-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,458	-2,45
20-Sep-17	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-75,193	-75,19
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.30	AUD	ORD	-1,574	-1,57
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-4,294	-4,29
21-Sep-17	BlackRock International Limited	on mkt sell	20.30	AUD	ORD	-4,332	-4,33
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-1,171	-1,17
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-1,504	-1,50
21-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.30	AUD	ORD	-5,484	-5,48
21-Sep-17	BlackRock Asset Management Canada	on mkt sell	20.30	AUD	ORD	-1,796	-1,79
21-Sep-17	Limited BlackRock Financial Management, Inc.	on mkt sell	20.30	AUD	ORD	-7,318	-7,31
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.30	AUD	ORD	-2,416	-2,41
21-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	20.30	AUD	ORD	-2,811	-2,81
21-Sep-17	National Association BlackRock Institutional Trust Company,	on mkt sell	20.30	AUD	ORD	-37,526	-37,52
21-Sep-17	National Association BlackRock Institutional Trust Company,	on mkt sell	20.30	AUD	ORD	-1,847	-1,84
21-0ep-17	National Association	01111111 3011	20.00	700	UND	-1,047	-1,04

Date of Change	Person whose relevant interest changed	Nature of cl Consideration giv chang	en in relation to	CCY	Class and securities		Person's votes affected
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.30	AUD	ORD	-5,919	-5,91
21-Sep-17	BlackRock Advisors, LLC	on mkt sell	20.30	AUD	ORD	-952	-95
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-18,236	-18,23
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-4,679	-4,67
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-6,298	-6,29
21-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.30	AUD	ORD	-6,902	-6,90
21-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.30	AUD	ORD	-5,035	-5,03
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-15,093	-15,09
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-7,329	-7,32
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.30	AUD	ORD	-633	-63
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.30	AUD	ORD	-674	-67
21-Sep-17	BlackRock Investment Management, LLC	on mkt sell	20.30	AUD	ORD	-659	-65
21-Sep-17	BlackRock Investment Management (UK) Limited	on mkt sell	20.30	AUD	ORD	-746	-74
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	20.30	AUD	ORD	-873	-87
21-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.34	AUD	ORD	372	37
21-Sep-17 21-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.34	AUD	ORD	594	59
21-Sep-17 21-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.34	AUD	ORD	6,243	6,24
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.34	AUD	ORD	-4,554	-4,5
21-Sep-17	BlackRock Investment Management	on mkt buy	20.34	AUD	ORD	6,696	6,69
01 Cap 17	(Australia) Limited BlackRock Fund Advisors	in specie		AUD	ORD	10.150	10.4
21-Sep-17 21-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,150 8,260	-12,13
21-Sep-17 21-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a n/a	AUD	ORD	1,436	1,4
21-Sep-17 22-Sep-17	BlackRock Institutional Trust Company,	on mkt sell	20.58	AUD	ORD	-3,073	-3,07
22-Sep-17	National Association BlackRock Institutional Trust Company,	on mkt sell	20.58	AUD	ORD	-1,084	-1,08
•	National Association			AUD	ORD		30,4
22-Sep-17	BlackRock Financial Management, Inc.	on mkt buy	20.63			30,487	,
22-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.71	AUD	ORD	3,357	3,3
22-Sep-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	3,812	3,8
22-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	357,933	357,9
22-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,271	-4,2
25-Sep-17	BlackRock Japan Co., Ltd.	on mkt sell	20.80	AUD	ORD	-680	-6
25-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.81	AUD	ORD	-2,452	-2,4
25-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.81	AUD	ORD	-793	-7
25-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.80	AUD	ORD	141	1
25-Sep-17	BlackRock Asset Management Canada Limited	on mkt sell	20.80	AUD	ORD	-232	-2
25-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	20.80	AUD	ORD	-70,117	-70,1
25-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,608	6,6
25-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-365,947	-365,9
25-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,307	-2,3
26-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	20.25	AUD	ORD	-2,227	-2,2
26-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	20.21	AUD	ORD	1,103	1,1
26-Sep-17 26-Sep-17	BlackRock Advisors (UK) Limited BlackRock Asset Management Canada	on mkt sell on mkt buy	20.21 20.21	AUD AUD	ORD ORD	-510 1,412	-5 1,4
26-Sep-17	Limited BlackRock Institutional Trust Company, National Association	on mkt sell	20.21	AUD	ORD	-1,827	-1,8
26-Sep-17	National Association BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,362	2,3
20-Sep-17 27-Sep-17	BlackRock Japan Co., Ltd.	on mkt sell	20.21	AUD	ORD	-1,812	-1,8
27-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	20.21	AUD	ORD	1,835	1,8
27-Sep-17	BlackRock Investment Management	on mkt buy	20.21	AUD	ORD	5,596	5,5

ersor	P	Person whose relevant interest changed	Consideratio	e of change (6) / on given in relation to change (7)	CCY	Class and securities		Person's votes affected
		kRock Institutional Trust Company, onal Association	on mkt buy	20.21	AUD	ORD	676	67
ock	Black	kRock Investment Management tralia) Limited	on mkt buy	20.21	AUD	ORD	23,752	23,752
ock	Black	kRock Investment Management tralia) Limited	on mkt buy	20.21	AUD	ORD	1,668	1,668
,		kRock Japan Co., Ltd.	on mkt sell	20.21	AUD	ORD	-1,274	-1,27
		kRock Advisors, LLC	on mkt sell	20.21	AUD	ORD	-1,926	-1,920
ock	Black	kRock Institutional Trust Company, onal Association	on mkt sell	20.21	AUD	ORD	-17,811	-17,81
ock	Black	kRock Institutional Trust Company, onal Association	on mkt sell	20.21	AUD	ORD	-2,792	-2,792
ock .	Black	kRock Advisors (UK) Limited	on mkt buy	20.23	AUD	ORD	594	594
ock .	Black	kRock Advisors (UK) Limited	on mkt buy	20.23	AUD	ORD	594	594
ock -	Black	kRock Japan Co., Ltd.	on mkt buy	20.23	AUD	ORD	1,245	1,24
	Black	kRock Asset Management Canada ed	on mkt buy	20.23	AUD	ORD	695	69
		kRock Institutional Trust Company, onal Association	on mkt sell	20.23	AUD	ORD	-2,316	-2,310
ock	Black	kRock Fund Advisors	in specie	n/a	AUD	ORD	-874	-874
		kRock Fund Advisors	in specie	n/a	AUD	ORD	-4,860	-4,860
		kRock Fund Advisors	in specie	n/a	AUD	ORD	2,430	2,430
		kRock Institutional Trust Company, onal Association	in specie	n/a	AUD	ORD	26,373	26,373
ock -	Black	kRock Japan Co., Ltd.	collateral trans	ifer n/a	AUD	ORD	-18,167	-18,16
ock .	Black	kRock Advisors (UK) Limited	collateral trans	ifer n/a	AUD	ORD	6,503	6,503
	Black	kRock Asset Management North Asia ed	on mkt buy	20.64	AUD	ORD	375	375
		kRock Institutional Trust Company, onal Association	on mkt sell	20.63	AUD	ORD	-300	-300
ock	Black	kRock Fund Advisors	on mkt buy	20.48	AUD	ORD	3,360	3,36
	Black	kRock Asset Management Canada red	on mkt buy	20.69	AUD	ORD	12,115	12,11
ock .	Black	kRock Advisors (UK) Limited	on mkt buy	20.69	AUD	ORD	2,204	2,204
ock .	Black	kRock Advisors (UK) Limited	on mkt buy	20.69	AUD	ORD	700	700
ock /	Black	kRock Advisors (UK) Limited	on mkt buy	20.69	AUD	ORD	558	558
		kRock Advisors (UK) Limited	on mkt sell	20.69	AUD	ORD	-606	-606
ock	Black	kRock Investment Management tralia) Limited	on mkt buy	20.69	AUD	ORD	2,551	2,55
		kRock Fund Advisors	on mkt buy	20.69	AUD	ORD	3,687	3,687
		kRock Fund Advisors	in specie	n/a	AUD	ORD	12,390	12,390
		kRock Fund Advisors	in specie	n/a	AUD	ORD	-150	-150
ock	Black	kRock Japan Co., Ltd.	collateral trans	fer n/a	AUD	ORD	-10	-1(
		kRock Advisors (UK) Limited	collateral trans		AUD	ORD	-22,310	-22,310
ock	Black	kRock Investment Management tralia) Limited	in specie	n/a	AUD	ORD	163,302	163,302
ock	Black	kRock Institutional Trust Company, onal Association	on mkt sell	20.93	AUD	ORD	-1,421	-1,421
		kRock Institutional Trust Company, onal Association	on mkt buy	20.93	AUD	ORD	976	976
ock	Black	kRock Financial Management, Inc.	on mkt sell	20.95	AUD	ORD	-69,639	-69,639
		kRock Institutional Trust Company, onal Association	on mkt sell	20.94	AUD	ORD	-6,419	-6,419
al As	Vatior	kRock Institutional Trust Company, onal Association	on mkt sell	20.94	AUD	ORD	-821	-821
al As	Vatior	kRock Institutional Trust Company, onal Association	on mkt sell	20.94	AUD	ORD	-3,541	-3,541
		kRock Institutional Trust Company, onal Association	on mkt sell	20.94	AUD	ORD	-1,637	-1,637
		kRock Advisors (UK) Limited	on mkt sell	20.94	AUD	ORD	-1,376	-1,370
		kRock Advisors (UK) Limited	on mkt sell	20.94	AUD	ORD	-1,085	-1,08
al As	Vatior	kRock Institutional Trust Company, onal Association	on mkt sell	20.94	AUD	ORD	-4,955	-4,955
ock	Black	kRock Advisors (UK) Limited kRock Institutional Trust Company,	on mkt buy on mkt sell	21.00 21.00	AUD AUD	ORD ORD	<u>594</u> -3,543	-3,543
ock	Black	onal Association kRock Investment Management (UK)	on mkt sell	21.00	AUD	ORD	-1,337	-1,337
ock	Black	kRock Investment Management	on mkt buy	21.00	AUD	ORD	6,196	6,196
ock	Black	kRock Investment Management (UK)	on mkt buy	21.00	AUD	ORD	858	858
			17 "		41.5	055		-8,964
ock lia) L ock ock	Limite Black Austr Black Limite Black	kRock Investment Management tralia) Limited kRock Investment Management (UK)	on mkt buy	21.00		AUD	AUD ORD AUD ORD	AUDORD6,196AUDORD858

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.00	AUD	ORD	2,526	2,52
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.00	AUD	ORD	1,795	1,79
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.00	AUD	ORD	2,581	2,58
29-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,151	11,15
29-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,896	1,89
29-Sep-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-23,333	-23,33
29-Sep-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	23,333	23,33
29-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,169	-2,16
29-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,169	-2,16
02-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.35	AUD	ORD	1,103	1,10
02-Oct-17	BlackRock Advisors, LLC	on mkt sell	21.35	AUD	ORD	-3,181	-3,18
02-Oct-17	BlackRock Fund Advisors	on mkt buy	21.35	AUD	ORD	3,085	3,08
02-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,235	12,23
02-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,509	-8,50
02-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,509	-8,50
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.09	AUD	ORD	973	97
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-2,190	-2,19
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-1,137	-1,13
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	21.09	AUD	ORD	-1,907	-1,90
03-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.09	AUD	ORD	-8,052	-8,05
03-Oct-17	BlackRock Advisors, LLC	on mkt sell	21.09	AUD	ORD	-2,415	-2,41
03-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.09	AUD	ORD	-5,241	-5,24
03-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.09	AUD	ORD	-1,777	-1,77
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-22,636	-22,63
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-951	-95
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-12,807	-12,80
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-3,398	-3,39
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-4,806	-4,80
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-10,438	-10,43
03-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	21.09	AUD	ORD	-4,885	-4,88
03-Oct-17	National Association BlackRock Advisors, LLC	on mkt sell	21.09	AUD	ORD	-628	-62
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-1,350	-1,35
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.08	AUD	ORD	2,206	2,20
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.08	AUD	ORD	3,584	3,58
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.09	AUD	ORD	96	<u>,,,,</u>
03-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.09	AUD	ORD	4,222	4,22
03-Oct-17	BlackRock Fund Advisors	on mkt buy	21.09	AUD	ORD	5,518	5,5
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.09	AUD	ORD	5,086	5,08
03-Oct-17	BlackRock Fund Advisors	on mkt buy	21.09	AUD	ORD	3,181	3,18
03-Oct-17	BlackRock Fund Advisors	in specie		AUD	ORD	586	58
03-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	586	5
03-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-874	-8
03-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6,432	-6,4
03-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,432	-6,4
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.25	AUD	ORD	49,940	49,94
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.25	AUD	ORD	60	(
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.25	AUD	ORD	9,672	9,67
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.28	AUD	ORD	49,940	49,94
04-Oct-17	BlackRock Investment Management	on mkt buy	21.28	AUD	ORD	60	6

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.27	AUD	ORD	273,085	273,08
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	21.27	AUD	ORD	327	32
04-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.25	AUD	ORD	3,630	3,63
04-Oct-17	BlackRock Asset Management Canada Limited	on mkt buy	21.25	AUD	ORD	680	68
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,325	10,32
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,543	4,54
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,850	8,85
04-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-654	-65
04-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,000	-40,00
05-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.23	AUD	ORD	-6,453	-6,45
05-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.23	AUD	ORD	-18,096	-18,09
05-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.23	AUD	ORD	-1,871	-1,87
05-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.23	AUD	ORD	-3,363	-3,36
05-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.23	AUD	ORD	-670	-67
05-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.24	AUD	ORD	1,232	1,23
05-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.22	AUD	ORD	5,808	5,80
05-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.22	AUD	ORD	560	56
05-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.22	AUD	ORD	3,564	3,56
05-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,244	-5,24
05-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-17,534	-17,53
05-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-22,700	-22,70
06-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.09	AUD	ORD	-4,286	-4,28
06-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.09	AUD	ORD	-10,287	-10,28
06-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	21.11	AUD	ORD	273	27
06-Oct-17	BlackRock Fund Advisors	on mkt sell	21.26	AUD	ORD	-738	-73
06-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.06	AUD	ORD	167	16
06-Oct-17	BlackRock Asset Management North Asia Limited		21.07	AUD	ORD	39,434	39,43
06-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.13	AUD	ORD	1,188	1,18
06-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.13	AUD	ORD	281	28
06-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.13	AUD	ORD	896	89
06-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.13	AUD	ORD	2,175	2,17
06-Oct-17	BlackRock Advisors, LLC	on mkt buy	21.13	AUD	ORD	4,604	4,60
06-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.13	AUD	ORD	6,249	6,24
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,440	1,44
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,499	9,49
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,820	9,82
06-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,566	-4,56
06-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	283	28
06-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	709	70
06-Oct-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	296	29
09-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.48	AUD	ORD	-1,346	-1,34
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.49	AUD	ORD	8,381	8,38
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	21.49	AUD	ORD	2,206	2,20
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	21.49	AUD	ORD	-2,212	-2,21
09-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.49	AUD	ORD	-901	-90
09-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.49	AUD	ORD	-6,294	-6,29
09-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	10
09-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-856	-85
09-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,154	-8,15
09-Oct-17 09-Oct-17	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-30,000 -283	-30,00 -28
09-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-709	-70

Date of Change	Person whose relevant interest changed	Nature of ch Consideration giv chang	en in relation to	ССҮ	Class and r securities		Person's votes affected
09-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-296	-29
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.82	AUD	ORD	-4,208	-4,20
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-1,933	-1,93
10-Oct-17	BlackRock Investment Management, LLC	on mkt sell	21.86	AUD	ORD	-1,280	-1,28
10-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	21.86	AUD	ORD	-2,065	-2,06
10-Oct-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-1,168	-1,16
10-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	21.86	AUD	ORD	-6,469	-6,46
10-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.82	AUD	ORD	-5,454	-5,45
10-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	21.86	AUD	ORD	-1,812	-1,81
10-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	21.86	AUD	ORD	-861	-86
10-Oct-17	BlackRock Advisors, LLC	on mkt sell	21.86	AUD	ORD	-2,627	-2,62
10-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.86	AUD	ORD	-1,067	-1,06
10-Oct-17	BlackRock Asset Management Canada Limited	on mkt sell	21.86	AUD	ORD	-2,560	-2,56
10-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.86	AUD	ORD	-9,546	-9,54
10-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.86	AUD	ORD	-3,318	-3,31
10-Oct-17	BlackRock Investment Management, LLC	on mkt sell	21.86	AUD	ORD	-1,086	-1,08
10-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	21.86	AUD	ORD	-1,377	-1,37
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-1,304	-1,30
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-33,812	-33,81
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-3,258	-3,25
10-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.86	AUD	ORD	-7,935	-7,93
10-Oct-17	BlackRock Advisors, LLC	on mkt sell	21.86	AUD	ORD	-1,913	-1,91
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-26,525	-26,52
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-7,220	-7,22
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-8,188	-8,18
10-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	21.86	AUD	ORD	-8,249	-8,24
10-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	21.86	AUD	ORD	-7,189	-7,18
10-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.86	AUD	ORD	-1,001	-1,00
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-31,940	-31,94
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.86	AUD	ORD	-11,493	-11,49
10-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	21.86	AUD	ORD	-756	-75
10-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	21.86	AUD	ORD	-720	-72
10-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	21.86	AUD	ORD	-649	-64
10-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	21.86	AUD	ORD	-3,093	-3,09
10-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	21.89	AUD	ORD	-2,015	-2,01
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.89	AUD	ORD	-5,007	-5,00
10-Oct-17	BlackRock International Limited	on mkt sell	21.89	AUD	ORD	-5,972	-5,97
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.82	AUD	ORD	-60	-6
10-Oct-17	BlackRock Asset Management North Asia Limited		21.90	AUD	ORD	19,686	19,68
10-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	21.90	AUD	ORD	7,347	7,34
10-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	21.90	AUD	ORD	1,107	1,10
10-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	22.03	AUD	ORD	104,639	104,63
10-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	22.07	AUD	ORD	72,182	72,18

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	ССҮ	Class and securities		Person's votes affected	
10-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.03	AUD	ORD	39,052	39,05
10-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.07	AUD	ORD	26,938	26,93
10-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	22.03	AUD	ORD	5,883	5,88
10-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	22.07	AUD	ORD	4,058	4,05
10-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.08	AUD	ORD	723	72
10-Oct-17	BlackRock Fund Advisors	on mkt buy	22.08	AUD	ORD	5,704	5,7
10-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.08	AUD	ORD	5,697	5,6
10-Oct-17 10-Oct-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy	22.08 22.08	AUD	ORD ORD	9,338 4,612	9,3 4,6
10-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,608	6,6
10-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,356	-4,3
10-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-80,886	-80,8
11-Oct-17	BlackRock Asset Management North Asia Limited		22.45	AUD	ORD	148,811	148,8
11-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.45	AUD	ORD	55,537	55,5
11-Oct-17	BlackRock Asset Management North Asia Limited	-	22.45	AUD	ORD	8,367	8,3
11-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.49	AUD	ORD	-4,097	-4,0
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-776	-7
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-2,519	-2,5
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-4,719	-4,7
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-447	
11-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.48	AUD	ORD	-9,999	-9,9
11-Oct-17 11-Oct-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy	22.61 22.61	AUD AUD	ORD ORD	594 7,865	7,8
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,320	4,3
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,260	8,2
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,304	3,3
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	837	
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,172	1,
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-150	-
11-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,097	1,
11-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-328,715	-328,
11-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	
11-Oct-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	827	0
11-Oct-17 11-Oct-17	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia		n/a 	AUD	ORD	2,239	2,
12-Oct-17	Limited BlackRock Advisors, LLC	on mkt buy	22.56	AUD	ORD	6,131	6,
12-Oct-17	BlackRock Fund Advisors	on mkt buy	22.59	AUD	ORD	16	0,
12-Oct-17	BlackRock Asset Management North Asia Limited		22.48	AUD	ORD	162,026	162,
12-Oct-17	BlackRock Investment Management (UK) Limited	•	22.48	AUD	ORD	60,469	60,
12-Oct-17	BlackRock Asset Management North Asia Limited	-	22.48	AUD	ORD	9,109	9,
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-921	-:
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-1,350	-1,:
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-806	-
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.48	AUD	ORD	-3,460	-3,4
12-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.48	AUD	ORD	-8,439	-8,4
12-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.48	AUD	ORD	-750	-
12-Oct-17	BlackRock Asset Management Canada Limited	on mkt sell	22.48	AUD	ORD	-1,429	-1,4

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and n securities		Person's votes affected
12-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.48	AUD	ORD	-5,569	-5,56
12-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.48	AUD	ORD	-1,832	-1,83
12-Oct-17	BlackRock Investment Management, LLC	on mkt sell	22.48	AUD	ORD	-591	-59
12-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	22.48	AUD	ORD	-1,056	-1,05
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-20,228	-20,22
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-1,659	-1,65
12-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.48	AUD	ORD	-2,591	-2,59
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-11,052	-11,05
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-2,851	-2,85
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-4,997	-4,99
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.48	AUD	ORD	-3,176	-3,17
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.48	AUD	ORD	-2,339	-2,33
12-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.48	AUD	ORD	-646	-64
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-12,576	-12,57
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-6,077	-6,07
12-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.48	AUD	ORD	-1,270	-1,27
12-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-2,975	-2,97
12-Oct-17	BlackRock International Limited	on mkt sell	22.48	AUD	ORD	-1,771	-1,77
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.60	AUD	ORD	6,666	6,66
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.60	AUD	ORD	665	66
12-Oct-17	BlackRock Fund Advisors	on mkt sell	22.60	AUD	ORD	-360	-36
12-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	22.60	AUD	ORD	4,576	4,57
12-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	22.60	AUD	ORD	1,194	1,19
12-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6,248	-6,24
12-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20,056	-20,05
12-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-
12-Oct-17	BlackRock Investment Management, LLC		n/a	AUD	ORD	-827	-82
12-Oct-17	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	-2,239	-2,23
12-Oct-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-813	-81
13-Oct-17	BlackRock Asset Management North Asia Limited	on mkt buy	22.55	AUD	ORD	365	36
13-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.55	AUD	ORD	320	32
13-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.55	AUD	ORD	-5,324	-5,32
13-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.55	AUD	ORD	-1,497	-1,49
13-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.57	AUD	ORD	-75,056	-75,05
13-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.54	AUD	ORD	1,188	1,18
13-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.59	AUD	ORD	1,866	1,86
13-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.59	AUD	ORD	-242	-24
13-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.59	AUD	ORD	-2,536	-2,53
13-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,696	4,69
13-Oct-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	4,356	4,35
13-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,482	-3,48
16-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.67	AUD	ORD	-3,699	-3,69

Date of Change	Person whose relevant interest changed	Consideration gi	:hange (6) / ven in relation to ge (7)	ССҮ	Class and r securities		Person's votes affected
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.63	AUD	ORD	-2,222	-2,222
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.63	AUD	ORD	-2,768	-2,76
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.63	AUD	ORD	1,120	1,12
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.63	AUD	ORD	980	980
16-Oct-17	BlackRock Investment Management, LLC	on mkt sell	22.63	AUD	ORD	-1,129	-1,129
16-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.63	AUD	ORD	-12,148	-12,148
16-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.63	AUD	ORD	-15,734	-15,734
16-Oct-17	BlackRock Fund Advisors	on mkt buy	22.63	AUD	ORD	3,115	3,11
16-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,844	2,84
16-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	586	58
16-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,432	-4,43
17-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.79	AUD	ORD	-1,217	-1,21
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.79	AUD	ORD	-3,661	-3,66
17-Oct-17	BlackRock International Limited	on mkt sell	22.79	AUD	ORD	-3,621	-3,62
17-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	22.76	AUD	ORD	-7,687	-7,687
17-Oct-17	National Association BlackRock Institutional Trust Company,	on mkt sell	22.77	AUD	ORD	-1,418	-1,418
	National Association					,	
17-Oct-17	BlackRock Investment Management, LLC	on mkt sell	22.77	AUD	ORD	-1,430	-1,430
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-1,517	-1,517
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-3,873	-3,873
17-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.76	AUD	ORD	-5,786	-5,780
17-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	22.77	AUD	ORD	-3,760	-3,76
17-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	22.77	AUD	ORD	-3,236	-3,23
17-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	22.77	AUD	ORD	-2,098	-2,09
17-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	22.77	AUD	ORD	-2,457	-2,45
17-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	22.77	AUD	ORD	-1,753	-1,753
17-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	22.77	AUD	ORD	-1,457	-1,45
17-Oct-17	BlackRock Advisors, LLC	on mkt sell	22.77	AUD	ORD	-2,370	-2,370
17-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-1,043	-1,043
17-Oct-17	BlackRock Asset Management Canada Limited	on mkt sell	22.77	AUD	ORD	-1,884	-1,884
17-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-16,466	-16,466
17-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-5,594	-5,594
17-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	22.77	AUD	ORD	-1,091	-1,091
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-4,560	-4,560
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-24,964	-24,964
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-2,004	-2,004
17-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-6,989	-6,98
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-13,469	-13,469
17-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	22.77	AUD	ORD	-3,200	-3,200
17-Oct-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-14,851	-14,85
17-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	22.77	AUD	ORD	-1,085	-1,085
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-5,239	-5,239
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-4,030	-4,030
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-5,818	-5,818
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-14,045	-14,04
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-12,006	-12,000
17-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	22.77	AUD	ORD	-617	-617
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-571	-571

Date of Change	Person whose relevant interest changed	Nature of c Consideration gi chang		ССҮ	Class and r securities		Person's votes affected
17-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-850	-85
17-Oct-17	BlackRock Investment Management, LLC	on mkt sell	22.77	AUD	ORD	-759	-75
17-Oct-17	BlackRock Advisors, LLC	on mkt sell	22.77	AUD	ORD	-1,003	-1,00
17-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-883	-88
17-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	22.77	AUD	ORD	-728	-72
17-Oct-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	22.76	AUD	ORD	-96	-9
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.79	AUD	ORD	700	70
17-Oct-17	BlackRock Fund Advisors	in specie		AUD	ORD	10,325	10,32
17-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	196	10,32
17-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,016	-8,01
18-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.63	AUD	ORD	-1,295	-1,29
18-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.63	AUD	ORD	-136	-13
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.63	AUD	ORD	-2,345	-2,34
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.63	AUD	ORD	-526	-52
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.63	AUD	ORD	-4,546	-4,54
18-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.63	AUD	ORD	-104	-10
18-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.57	AUD	ORD	896	89
18-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.57	AUD	ORD	1,798	1,79
18-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,130	4,13
18-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,780	-5,78
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.62	AUD	ORD	-1,965	-1,96
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-983	-98
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-621	-62
19-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.61	AUD	ORD	-3,746	-3,74
19-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.61	AUD	ORD	-5,370	-5,37
19-Oct-17	BlackRock Asset Management Canada Limited	on mkt sell	22.61	AUD	ORD	-1,260	-1,26
19-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.61	AUD	ORD	-7,401	-7,40
19-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.61	AUD	ORD	-2,337	-2,33
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-793	-79
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-9,445	-9,44
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-1,096	-1,09
19-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.61	AUD	ORD	-4,183	-4,18
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-5,011	-5,01
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-1,284	-1,28
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-6,239	-6,23
19-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.61	AUD	ORD	-4,367	-4,36
19-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	22.61	AUD	ORD	-3,473	-4,30
19-Oct-17 19-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	22.61	AUD	ORD	-6,830	-3,47 -6,83
19-Oct-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-6,134	-6,13
19-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	22.61	AUD	ORD	-848	-84
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-2,420	-2,42
19-Oct-17	BlackRock International Limited	on mkt sell	22.61	AUD	ORD	-2,784	-2,78
19-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	22.53	AUD	ORD	372	37
19-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	22.53	AUD	ORD	1,942	1,94

Rock Institutional Trust Company, nal Association Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Asset Management North Asia d Rock Financial Management, Inc. Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Japan Co., Ltd. Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt buy on mkt sell on mkt buy on mkt buy on mkt sell collateral transfer	22.53 n/a n/a 22.81 22.82 22.81 22.90 22.90 22.90 n/a n/a	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	25,049 -11,334 1 118,302 14,198 -4,222 2,222 1,384 -125,183	25,049 -11,334 1 118,302 14,198 -4,222 2,222 1,384
Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Asset Management North Asia d Rock Asset Management North Asia d Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Investment Management alia) Limited Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	collateral transfer on mkt buy on mkt buy on mkt sell on mkt buy on mkt buy on mkt sell collateral transfer collateral transfer	n/a 22.81 22.82 22.81 22.90 22.90 22.90 22.90 n/a	AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD	1 118,302 14,198 -4,222 2,222 1,384	118,302 14,194 -4,222 2,222 1,384
d Rock Asset Management North Asia d Rock Financial Management, Inc. Rock Institutional Trust Company, hal Association Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Investment Management alia) Limited Rock Japan Co., Ltd. Rock Institutional Trust Company, hal Association Rock Institutional Trust Company, hal Association Rock Advisors (UK) Limited Rock Advisors (UK) Limited	on mkt buy on mkt buy on mkt sell on mkt buy on mkt buy on mkt sell collateral transfer collateral transfer	22.81 22.82 22.81 22.90 22.90 22.90 22.90 n/a	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	118,302 14,198 -4,222 2,222 1,384	14,198 -4,222 2,222 1,384
d Rock Financial Management, Inc. Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt buy on mkt sell on mkt buy on mkt buy on mkt sell collateral transfer collateral transfer	22.82 22.81 22.90 22.90 22.90 22.90 n/a	AUD AUD AUD AUD AUD	ORD ORD ORD ORD	14,198 -4,222 2,222 1,384	14,198 -4,222 2,222 1,384
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nal Association Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Investment Management alia) Limited Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt buy on mkt buy on mkt sell collateral transfer collateral transfer	22.90 22.90 22.90 n/a	AUD AUD AUD	ORD ORD	<u>2,222</u> 1,384	2,222
Rock Advisors (UK) Limited Rock Advisors (UK) Limited Rock Investment Management alia) Limited Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt buy on mkt sell collateral transfer collateral transfer	22.90 22.90 n/a	AUD AUD	ORD	1,384	1,384
Rock Advisors (UK) Limited Rock Investment Management alia) Limited Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt buy on mkt sell collateral transfer collateral transfer	22.90 22.90 n/a	AUD AUD	ORD	1,384	1,384
alia) Limited Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	collateral transfer collateral transfer	n/a		ORD	105 400	
Rock Japan Co., Ltd. Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	collateral transfer				-125,183	-125,183
Rock Investment Management (UK) d Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	collateral transfer		AUD	ORD	-3,627	-3,627
Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt sell		AUD	ORD	-1	-
Rock Institutional Trust Company, nal Association Rock Advisors (UK) Limited Rock Japan Co., Ltd.		23.04	AUD	ORD	-4,529	-4,529
Rock Advisors (UK) Limited Rock Japan Co., Ltd.	on mkt sell	23.04	AUD	ORD	-57	-57
Rock Japan Co., Ltd.	on mkt huv	23.04	AUD	ORD	1 1 1 1	1,11
1 7	on mkt buy collateral transfer	23.04 n/a	AUD	ORD	1,111 -3	1,11
Rock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3 5,148	5,148
Rock Japan Co., Ltd.	on mkt sell	23.41	AUD	ORD	-3,870	-3,870
Rock Financial Management, Inc.	on mkt sell	23.41	AUD	ORD	-1,039	-1,039
Rock Institutional Trust Company,	on mkt sell	23.41	AUD	ORD	-3,121	-3,12
nal Association						
Rock International Limited	on mkt sell	23.41	AUD	ORD	-3,289	-3,28
Rock Institutional Trust Company, nal Association	on mkt sell	23.38	AUD	ORD	-2,971	-2,971
Rock Institutional Trust Company, nal Association	on mkt sell	23.41	AUD	ORD	-1,285	-1,28
Rock Investment Management, LLC	on mkt sell	23.41	AUD	ORD	-1,250	-1,250
Rock Institutional Trust Company, nal Association	on mkt sell	23.41	AUD	ORD	-1,810	-1,810
Rock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-4,105	-4,10
Rock Investment Management alia) Limited	on mkt sell	23.38	AUD	ORD	-5,738	-5,738
Rock Japan Co., Ltd.	on mkt sell	23.41	AUD	ORD	-1,817	-1,817
Rock Japan Co., Ltd.	on mkt sell	23.41	AUD	ORD	-1,389	-1,389
Rock Advisors, LLC	on mkt sell	23.41	AUD	ORD	-1,834	-1,834
Rock Asset Management Canada d	on mkt sell	23.41	AUD	ORD	-1,615	-1,615
Rock Financial Management, Inc.	on mkt sell	23.41	AUD	ORD	-8,044	-8,044
Rock Financial Management, Inc.	on mkt sell	23.41	AUD	ORD	-2,588	-2,588
Rock Institutional Trust Company,	on mkt sell	23.41	AUD	ORD	-1,606	-1,606
nal Association Rock Institutional Trust Company,	on mkt sell	23.41	AUD	ORD	-18,511	-18,511
nal Association Rock Institutional Trust Company,	on mkt sell	23.41	AUD	ORD	-1,509	-1,509
nal Association Rock Financial Management, Inc.	on mkt sell	23.41	AUD	ORD	-6,152	-6,152
Rock Institutional Trust Company,	on mkt sell	23.41	AUD	ORD	-16,272	-16,272
nal Association					,	
nal Association						-3,574
nal Association						-7,050
Rock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-4,881	-4,881
Rock Advisors (UK) Limited Rock Institutional Trust Company.	on mkt sell	23.41			-3,607	-3,607 -15,901
	on mkt sell					-7,769
Rock Institutional Trust Company,						-955
Rock Institutional Trust Company, nal Association						
Rock Institutional Trust Company, nal Association Rock Institutional Trust Company, nal Association						-1,182 -952
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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
24-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	23.41	AUD	ORD	-831	-83
24-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.41	AUD	ORD	-624	-62
24-Oct-17	BlackRock Advisors, LLC	on mkt sell	23.41	AUD	ORD	-1,015	-1,01
24-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	23.41	AUD	ORD	-1,245	-1,24
24-Oct-17	BlackRock Investment Management, LLC	on mkt sell	23.41	AUD	ORD	-573	-57
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.42	AUD	ORD	-4,444	-4,44
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.44	AUD	ORD	-3,333	-3,33
24-Oct-17	BlackRock Asset Management Canada Limited	on mkt buy	23.44	AUD	ORD	744	74
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.44	AUD	ORD	-5,687	-5,68
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.44	AUD	ORD	-6,538	-6,53
24-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	837	83
24-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,627	3,62
24-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	392	39
24-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-885	-88
24-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	22,299	22,29
25-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	23.23	AUD	ORD	-3,701	-3,70
05 0 -+ 47	National Association	an malat a all	00.00		000	4 400	4.40
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-1,128	-1,12
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-3,164	-3,16
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-608	-60
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-5,691	-5,69
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-4,896	-4,89
25-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.24	AUD	ORD	7,175	7,17
25-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.24	AUD	ORD	3,136	3,13
25-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.24	AUD	ORD	3,104	3,10
25-Oct-17	BlackRock Advisors, LLC	on mkt buy	23.30	AUD	ORD	34,504	34,50
25-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	2,185	2,18
25-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,912	9,91
25-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,430	-2,43
25-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	, -
25-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-22,939	-22,93
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.38	AUD	ORD	-13,441	-13,44
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.36	AUD	ORD	-2,126	-2,12
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.38	AUD	ORD	-1,426	-1,42
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.38	AUD	ORD	-742	-74
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.38	AUD	ORD	-2,271	-2,27
26-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.36	AUD	ORD	-5,368	-5,36
26-Oct-17	BlackRock Asset Management Canada	on mkt sell	23.38	AUD	ORD	-914	-91
26-Oct-17	Limited BlackRock Financial Management, Inc.	on mkt sell	23.38	AUD	ORD	-7,468	-7,40
26-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	23.38	AUD	ORD	-1,697	-1,69
26-Oct-17	National Association BlackRock Institutional Trust Company,	on mkt sell	23.38	AUD	ORD	-7,424	-7,42
26-Oct-17	National Association BlackRock Institutional Trust Company,	on mkt sell	23.38	AUD	ORD	-1,005	-1,00
26-Oct-17	National Association BlackRock Financial Management, Inc.	on mkt sell	23.38	AUD	ORD	-4,215	-4,21
26-Oct-17 26-Oct-17	BlackRock Advisors, LLC BlackRock Institutional Trust Company,	on mkt sell on mkt sell	23.38 23.38	AUD AUD	ORD ORD	-928 -2,871	-92 -2,87
	National Association						

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ		Class and number of securities affected	
26-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	23.38	AUD	ORD	-1,012	-1,012
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.38	AUD	ORD	-12,194	-12,194
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.38	AUD	ORD	-7,106	-7,106
26-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.39	AUD	ORD	-2,108	-2,108
26-Oct-17	BlackRock International Limited	on mkt sell	23.39	AUD	ORD	-2,506	-2,506
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.44	AUD	ORD	-1,188	-1,188
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.44	AUD	ORD	-1,330	-1,330
26-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	23.44	AUD	ORD	-2,510	-2,510
26-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,065	2,065
26-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	6,663	6,663
26-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,159	-3,159
27-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.58	AUD	ORD	-2,564	-2,564
27-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	23.55	AUD	ORD	-26,934	-26,934
27-Oct-17	BlackRock Advisors, LLC	on mkt buy	23.51	AUD	ORD	209,628	209,628
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	23.51	AUD	ORD	4,444	4,444
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.51	AUD	ORD	-3,333	-3,333
27-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,376	11,376
27-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	586	586
27-Oct-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	4,217	4,217
27-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,278	7,278
27-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	114,460	114,460
27-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	180,338	180,338
27-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	256,815	256,815
27-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	76,947	76,947
30-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.50	AUD	ORD	-939	-939
30-Oct-17	BlackRock Investment Management, LLC	on mkt buy	23.69	AUD	ORD	1,258	1,258
30-Oct-17	BlackRock Advisors, LLC	on mkt buy	23.40	AUD	ORD	76,391	76,391
30-Oct-17	BlackRock Asset Management Canada Limited	on mkt buy	23.40	AUD	ORD	663	663
30-Oct-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	9	(
30-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	477	477
30-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	
30-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	7,980	7,980
30-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,061	-4,061
30-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,825	-1,825
30-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,128	-2,128
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.53	AUD	ORD	-614	-614
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.53	AUD	ORD	-3,648	-3,648
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.53	AUD	ORD	-3,741	-3,74
31-Oct-17	BlackRock Japan Co., Ltd.	on mkt sell	23.54	AUD	ORD	-1,094	-1,094
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.50	AUD	ORD	-3,363	-3,363
31-Oct-17	BlackRock Investment Management	on mkt sell	23.52	AUD	ORD	-4,278	-4,278
31-Oct-17	(Australia) Limited BlackRock Financial Management, Inc.	on mkt sell	23.55	AUD	ORD	-3,969	-3,969
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-9,185	-9,185
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-3,584	-3,584
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-8,222	-8,222
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-1,004	-1,004
31-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	23.55	AUD	ORD	-557	-557

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and n securities		Person's votes affected
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	23.55	AUD	ORD	-1,622	-1,622
31-Oct-17	BlackRock Advisors, LLC	on mkt sell	23.55	AUD	ORD	-1,922	-1,922
31-Oct-17	BlackRock Asset Management Canada Limited	on mkt sell	23.55	AUD	ORD	-835	-835
31-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	23.55	AUD	ORD	-1,256	-1,256
31-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	23.55	AUD	ORD	-1,871	-1,871
31-Oct-17	National Association BlackRock Institutional Trust Company,	on mkt sell	23.55	AUD	ORD	-594	-594
31-Oct-17	National Association BlackRock Financial Management, Inc.	on mkt sell	23.55	AUD	ORD	-2,088	-2,088
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31-Oct-17	BlackRock Advisors, LLC	on mkt sell	23.55	AUD	ORD	-889	-889
	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-2,384	-2,384
31-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	23.55	AUD	ORD	-585	-585
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-2,143	-2,143
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.54	AUD	ORD	-1,261	-1,261
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	23.55	AUD	ORD	1,120	1,120
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	23.55	AUD	ORD	186	1,120
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-7,336	-7,336
31-Oct-17	BlackRock Institutional Trust Company,	on mkt sell	23.55	AUD	ORD	-3,789	-3,789
	National Association BlackRock Investment Management (UK)	on mkt sell	23.55	AUD	ORD	-1,701	-1,701
	Limited		/		000	04.000	04.000
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,960	21,960
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,360	-22,360
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,896	1,896
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	586	586
31-Oct-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD AUD	ORD ORD	-2,836	-2,836
31-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a n/a	AUD	ORD	211 -4,946	211 -4,946
31-Oct-17 31-Oct-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a	AUD	ORD	-4,946 287	-4,940
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31-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-12,614	-12,614
31-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	11,701	11,701
31-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,251	3,251
01-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.67	AUD	ORD	-3,907	-3,907
01-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.67	AUD	ORD	-984	-984
01-Nov-17	BlackRock Investment Management	on mkt sell	23.67	AUD	ORD	-2,849	-2,849
01-Nov-17	(Australia) Limited BlackRock Investment Management	on mkt sell	23.67	AUD	ORD	-533	-533
01-Nov-17	(Australia) Limited BlackRock Investment Management	on mkt sell	23.67	AUD	ORD	-4,862	-4,862
01-Nov-17	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	23.63	AUD	ORD	10,902	10,902
	National Association BlackRock Institutional Trust Company,	on mkt buy	23.63	AUD	ORD	3,490	3,490
01-Nov-17	National Association			AUD	ORD		
	BlackRock Institutional Trust Company, National Association	on mkt buy	23.63			3,490	3,490
01-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.60	AUD	ORD	4,464	4,464
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.60	AUD	ORD	1,384	1,384
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.60	AUD	ORD	186	186
01-Nov-17 01-Nov-17	BlackRock Advisors, LLC BlackRock Asset Management Canada	on mkt buy on mkt buy	23.60 23.60	AUD AUD	ORD ORD	13,314 2,698	13,314 2,698
	Limited						
	BlackRock Asset Management Canada Limited	on mkt buy	23.60	AUD	ORD	3,535	3,535
01-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-847	-847
01-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	948	948
01-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	40	40
01-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-342	-342
01-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	205	205

ate of Change	Nature of change (6) / Person whose relevant interest Consideration given in relation to CCY changed change (7)		Class and r securities		Person's votes affected		
01-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,564	6,56
01-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	er n/a AUD	AUD	ORD	-11,086	-11,086
01-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,131	4,13
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-2,316	-2,31
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-581	-58
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-2,290	-2,29
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-1,559	-1,55
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-791	-79
02-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-2,820	-2,82
02-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.66	AUD	ORD	-4,545	-4,54
02-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	23.66	AUD	ORD	-1,068	-1,06
02-Nov-17	BlackRock International Limited	on mkt sell	23.66	AUD	ORD	-2,387	-2,38
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-9,917	-9,91
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-1,206	-1,20
02-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	23.66	AUD	ORD	-3,587	-3,58
02-Nov-17	BlackRock Advisors, LLC	on mkt sell	23.66	AUD	ORD	-1,095	-1,09
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-15,559	-15,55
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-3,704	-3,70
02-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-3,399	-3,39
02-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-2,705	-2,70
02-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	23.66	AUD	ORD	-796	-79
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-15,181	-15,18
02-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-3,357	-3,35
02-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.64	AUD	ORD	-616	-61
02-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.57	AUD	ORD	-42,435	-42,43
02-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.57	AUD	ORD	-1,129	-1,12
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	826	82
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	915	91
02-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	5,444	5,44
02-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	6,415	6,41
02-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-20	-2
02-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,146	-4,14
02-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-137	-13
02-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,191	1,19
02-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,183	-5,18
02-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	784	78
03-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.75	AUD	ORD	-354	-35
03-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.73	AUD	ORD	2,768	2,76
03-Nov-17	BlackRock Advisors, LLC	on mkt sell	23.73	AUD	ORD	-12,514	-12,51
03-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.73	AUD	ORD	-604	-60
03-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,172	1,17
03-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-35	-3
03-Nov-17 03-Nov-17	BlackRock Japan Co., Ltd. BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-1,640 -13	-1,64 -1
03-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,692	-3,69

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	CCY Class and number of securities affected		
03-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,065	1,06
03-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,107	1,10
06-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	23.90	AUD	ORD	-34,555	-34,55
06-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.89	AUD	ORD	1,400	1,40
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,830	1,83
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,195	6,19
06-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,864	-3,86
06-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-9	-
06-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,800	4,80
06-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9,276	9,27
06-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-33	-3
06-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-40	-4
06-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-903	-90
06-Nov-17	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	932	93
07-Nov-17	Limited BlackRock Investment Management, LLC	on mkt buy	24.01	AUD	ORD	4,514	4,51
07-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.95	AUD	ORD	-1,248	-1,24
07-Nov-17	National Association BlackRock Investment Management, LLC	on mkt sell	23.95	AUD	ORD	-1,069	-1,06
07-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.95	AUD	ORD	-4,680	-4,68
07-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	AUD	ORD	-4,622	-4,62
07-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	23.95	AUD	ORD	-3,495	-3,49
07-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	23.95	AUD	ORD	-2,503	-2,50
07-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	23.95	AUD	ORD	-1,318	-1,31
07-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	23.95	AUD	ORD	-958	-95
07-Nov-17	BlackRock Advisors, LLC	on mkt sell	23.95	AUD	ORD	-1,175	-1,17
07-Nov-17	BlackRock Advisors, LLC	on mkt sell	23.95	AUD	ORD	-2,795	-2,79
07-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	23.95	AUD	ORD	-1,814	-1,81
07-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	23.95	AUD	ORD	-3,628	-3,62
07-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	23.95	AUD	ORD	-1,246	-1,240
07-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.95	AUD	ORD	-22,782	-22,782
07-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.95	AUD	ORD	-1,942	-1,94
07-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	23.95	AUD	ORD	-5,343	-5,343
07-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.95	AUD	ORD	-6,094	-6,09
07-Nov-17	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	23.95	AUD	ORD	-2,163	-2,16
07-Nov-17	National Association BlackRock Investment Management (UK) Limited	on mkt sell	23.95	AUD	ORD	-1,377	-1,37
07-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.95	AUD	ORD	-5,924	-5,92
07-Nov-17 07-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.95	AUD	ORD	-5,924 -4,735	-3,92
07-Nov-17 07-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.95	AUD	ORD	-4,735 -9,196	-4,73 -9,19
07-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt sell	23.95	AUD	ORD	-1,768	-1,76
07-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt sell	23.95	AUD	ORD	-883	-88
07-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt sell	23.95	AUD	ORD	-592	-59
07-Nov-17	National Association BlackRock Financial Management, Inc.	on mkt sell	23.95	AUD	ORD	-692	-69
	BlackRock Investment Management, LLC						
07-Nov-17	<b>°</b>	on mkt sell	23.95	AUD	ORD	-859	-85
07-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.95	AUD	ORD	-875	-875
07-Nov-17	BlackRock Advisors, LLC	on mkt sell	23.95	AUD AUD	ORD	-558	-55 -1,38

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ		Class and number of securities affected	
07-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.95	AUD	ORD	-3,997	-3,99
07-Nov-17	BlackRock International Limited	on mkt sell	23.95	AUD	ORD	-4,759	-4,75
07-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.96	AUD	ORD	4,620	4,62
07-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.96	AUD	ORD	260	26
07-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.96	AUD	ORD	-95,417	-95,41
07-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,296	1,29
07-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,237	-2,23
07-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	65	6
07-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,146	-2,14
07-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	381	38
07-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	327	32
07-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-5,391	-5,39
07-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-121	-12
07-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,703	4,70
08-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.78	AUD	ORD	-1,562	-1,56
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.78	AUD	ORD	-741	-74
08-Nov-17	BlackRock Asset Management North Asia Limited	on mkt sell	23.83	AUD	ORD	-1,339	-1,33
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.78	AUD	ORD	-3,893	-3,8
08-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.84	AUD	ORD	3,658	3,6
08-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.84	AUD	ORD	279	2
08-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.84	AUD	ORD	279	2
08-Nov-17	BlackRock Asset Management North Asia Limited	on mkt buy	23.55	AUD	ORD	2,335	2,3
08-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.54	AUD	ORD	-874	-8
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.88	AUD	ORD	1,111	1,1
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.88	AUD	ORD	188	1
08-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.88	AUD	ORD	5,129	5,1
08-Nov-17	BlackRock Investment Management, LLC	on mkt sell	23.88	AUD	ORD	-5,850	-5,8
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,880	2,8
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,395	1,3
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,478	2,4
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,543	4,5
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-847	-8
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	7
08-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	19	
08-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	243	2
08-Nov-17 08-Nov-17	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	<u>1,471</u> 416	1,4
08-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-676	-6
08-Nov-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,188	-3,1
08-Nov-17	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	3,187	3,1
09-Nov-17	Limited BlackRock Institutional Trust Company,	on mkt sell	23.86	AUD	ORD	-1,634	-1,6
	National Association						
09-Nov-17	BlackRock International Limited	on mkt sell	23.86	AUD	ORD	-1,782	-1,7
09-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.85	AUD	ORD	-819	-8
09-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.85	AUD	ORD	-706	-7
09-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.85	AUD	ORD	-2,329	-2,3
09-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.86	AUD	ORD	-3,769	-3,7
09-Nov-17	BlackRock Advisors, LLC	on mkt sell	23.85	AUD	ORD	-2,376	-2,3
09-Nov-17	BlackRock Asset Management Canada	on mkt sell	23.85	AUD	ORD	-910	-9

0014/0071         BissRick Institutional Tust Corrpany, National Association         omits sell         23.85         AUD         ORD         -1,043         -1,0           0014/0071         BissRick Institutional Tust Corrpany, National Association         omits sell         23.85         AUD         ORD         -1,043         -1,0           0614/0071         BissRick Institutional Tust Corrpany, National Association         omits sell         23.85         AUD         ORD         -2,440         -3,21           0614/0071         BissRick Institutional Tust Corrpany, National Association         omits sell         22.85         AUD         ORD         -1,033         -1,003           0614/0071         BissRick Institutional Tust Corrpany, National Association         omits sell         22.85         AUD         ORD         -2,556         -2,757         -2,77         -2,76         -2,756         -2,756         -2,756         -2,757         -2,756	Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and r securities		Person's votes affected
0 P8-Nov1         BlackRook Institutional Truct Company. Or mit sell         On mit sell         23.85         AUD         ORD         -1,043         -1,043           06 PMov17         BlackRook Institutional Truct Company. National Association         on mit sell         23.85         AUD         ORD         -2.440         -2.44           06 PMov17         BlackRook Institutional Truct Company. National Association         on mit sell         23.85         AUD         ORD         -1.063         -1.06           06 PMov17         BlackRook Advices (UK) Limited         on mit sell         22.85         AUD         ORD         -2.722         -2.72           06 PMov17         BlackRook Advices (UK) Limited         on mit sell         22.85         AUD         ORD         -2.626         -2.52           06 PMov17         BlackRook Advices (UK) Limited         on mit sell         22.85         AUD         ORD         -2.626         -2.52           06 PMov17         BlackRook Advices (UK) Limited         on mit sell         23.85         AUD         ORD         -2.527         -2.27           06 PMov17         BlackRook Advices (UK) Limited         on mit sell         23.85         AUD         ORD         -2.274         -2.37           06 PMov17         BlackRook Advices (UK) Limited	09-Nov-17		on mkt sell	23.85	AUD	ORD	-584	-584
04 Nov-17         BisckRock Financial Management, Inc.         on mit sell         23.85         AUD         ORD         -3.214         -3.27           06 Nov-17         BisckRock Financial Trust Company, on mit sell         23.85         AUD         ORD         -2.440         -2.440           06 Nov-17         BisckRock Institutional Trust Company, on mit sell         23.85         AUD         ORD         -2.782         -2.77           06 Nov-17         BisckRock Institutional Trust Company, National Association         on mit sell         23.85         AUD         ORD         -2.782         -2.77           06 Nov-17         BisckRock Institutional Trust Company, National Association         on mit sell         23.85         AUD         ORD         -2.558         -2.55           06 Nov-17         BisckRock Institutional management, inc.         on mit sell         23.85         AUD         ORD         -5.52         -2.52           06 Nov-17         BisckRock Institutional management, inc.         on mit sell         23.84         AUD         ORD         -2.374         -2.33           06 Nov-17         BisckRock Institutional management, inc.         collateral manafer         n/a         AUD         ORD         -2.3274         -2.33           06 Nov-17         BisckRock Instreal management, iLLC <td>09-Nov-17</td> <td>BlackRock Institutional Trust Company,</td> <td>on mkt sell</td> <td>23.85</td> <td>AUD</td> <td>ORD</td> <td>-1,043</td> <td>-1,043</td>	09-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.85	AUD	ORD	-1,043	-1,043
National Association         ORD         -1,083         -1,00           08-Nov-71         BickRook Institutional Trust Company, National Association         on mkt sell         23,85         AUD         ORD         -2,722         -2,72           08-Nov-17         BickRook Astitutional Trust Company, National Association         on mkt sell         23,85         AUD         ORD         -2,256         -2,256           09-Nov-17         BickRook Astitution (UN) Limited         on mkt sell         23,85         AUD         ORD         -2,656         -2,66           09-Nov-17         BickRook Astitution (UN) Limited         on mkt sell         23,85         AUD         ORD         -6,82         -5,80           09-Nov-17         BickRook Astitution (UN) Limited         on mkt sell         23,85         AUD         ORD         -6,82         -5,80           09-Nov-17         BickRook Astitution (UN) Limited         collateral transfer         n/a         AUD         ORD         -2,374         -2,337           09-Nov-17         BickRook Astitution Management (UK) collateral transfer         n/a         AUD         ORD         -10,518         -10,51           09-Nov-17         BickRook Astitution Management Norh Asia         collateral transfer         n/a         AUD         ORD         -20	09-Nov-17		on mkt sell	23.85	AUD	ORD	-3,214	-3,214
194-Nor.17         BlackRock Institutional Trust Company, on mit sell         23.85         AUD         ORD         -1.083         -1.08           09-Nor.17         BlackRock Advisors (UK) Limited on mit sell         23.85         AUD         ORD         -2.252         -2.27           09-Nor.17         BlackRock Advisors (UK) Limited on mit sell         23.85         AUD         ORD         -2.256         -2.45           09-Nor.17         BlackRock Institutional Trust Company, on mit sell         23.85         AUD         ORD         -5.256         -2.45           09-Nor.17         BlackRock Advisors (UK) Limited on mit buy         23.85         AUD         ORD         -6.46         -6.56           09-Nor.17         BlackRock Advisors (UK) Limited on mit buy         23.85         AUD         ORD         -7.87           09-Nor.17         BlackRock Advisors (UK) Limited on mit buy         collateral transfer         n/a         AUD         ORD         -7.17           09-Nor.17         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         -10.518         -10.57           09-Nor.17         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         -10.518         -10.518         -10.55	09-Nov-17		on mkt sell	23.85	AUD	ORD	-2,440	-2,440
0-9-Nov-17         BlockRock Andwisson (UK) Limited on mrk sell         23.85         AUD         ORD         -2.225         9-2.22         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.25         9-2.55         9-2.55         9-2.55         9-2.55         9-2.55         9-2.55         9-2.55         9-2.55         9-2.55         9-2.55         9-2.57	09-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.85	AUD	ORD	-1,093	-1,093
0-9-Nov-17         BlackRock Institutional Trust Company, on mit sell         23.85         AUD         ORD         -2.556         -2.55           09-Nevr17         BlackRock Ansons (UK) Limited on mit buy         23.85         AUD         ORD         552         55           09-Nevr17         BlackRock Ansons (UK) Limited on mit buy         23.85         AUD         ORD         552         55           09-Nevr17         BlackRock Ansons (UK) Limited collateral transfer         nin         AUD         ORD         2.37           09-Nevr17         BlackRock Ansons (UK) Limited collateral transfer         nin         AUD         ORD         2.10.85           09-Nevr17         BlackRock Investment Management, LLC         collateral transfer         nin         AUD         ORD         21,088         21,08           09-Nevr17         BlackRock Investment Management, LLC         collateral transfer         nin         AUD         ORD         -10.518         10.57           10-Nevr17         BlackRock Ansen (UK) Limited         on mit sell         2.3.78         AUD         ORD         -662         -62           10-Nevr17         BlackRock Ansen (UK) Limited         on mit sell         2.3.80         AUD         ORD         -6672         -6.61           10-Nevr17	09-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.85	AUD	ORD	-2,782	-2,782
National Association         on mix buy         23.85         AUD         ORD         6.590         6.55           09-Nov-17         BiakRock Advisors (UK) Limited         on mix buy         23.85         AUD         ORD         562         65           09-Nov-17         BiakRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         2.37         2.37           09-Nov-17         BiakRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         7.15         7.7           09-Nov-17         BiakRock Insestment, Ikac collateral transfer         n/a         AUD         ORD         7.16         7.6           09-Nov-17         BiakRock Insestment Management, Ikc         collateral transfer         n/a         AUD         ORD         -10,518         -10,51           09-Nov-17         BiakRock Insestment Management         on mix sell         23.78         AUD         ORD         -20,271         20.22           0-Nov-17         BiakRock Advisors (UK) Limited         on mix sell         23.78         AUD         ORD         -2,68         10.40         10.88         1.88         1.88         1.88         1.88         1.88         1.88         1.88         1.88         1.88	09-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.85	AUD	ORD	-2,225	-2,225
0eHov-17         BiockRock Advisors (UK) Limited         on mkt buy         23.85         AUD         ORD         562         56           0eHov-17         BiockRock Advisors, ULC         collateral transfer         n/a         AUD         ORD         -2.37           0eHov-17         BiockRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -2.37           0eHov-17         BiockRock Howestment, Inc.         collateral transfer         n/a         AUD         ORD         -562         -56           0eHov-17         BiockRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -10.518         -10.518           0eHov-17         BiockRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -565         -55           10-Mov-17         BiockRock Advisors (UK) Limited         on mkt sell         23.80         AUD         ORD         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271         -20.271	09-Nov-17		on mkt sell	23.85	AUD	ORD	-2,556	-2,556
09-Hov-17         BiakRock Agvisors, LLĆ         collateral transfer         n/a         AUD         ORD         -3247         -23           09-Hov-17         BiakRock Agvisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -7374         -23           09-Hov-17         BiakRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -2374         -23           09-Hov-17         BiackRock Investment Management, LC         collateral transfer         n/a         AUD         ORD         -10.518         -10.518           09-Hov-17         BiackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -20.271         -20.271           09-Hov-17         BiackRock Ansers (UK) Limited         on mkt sell         23.78         AUD         ORD         -20.271         -20.271           04-Hov-17         BiackRock Ansers (UK) Limited         on mkt sell         23.80         AUD         ORD         -20.271         -20.271         -20.271         -20.271         -20.271         -20.81         -20.41         -20.81         -20.81         -20.81         -20.81         -20.81         -20.81         -20.81         -20.81         -20.81         -20.81			on mkt buy					6,590
09-Nov:17         BiosRock Jagen Co., Lid.         collateral transfer         n/a         AUD         ORD         2.374           09-Nov:17         BiosRock Jagen Co., Lid.         collateral transfer         n/a         AUD         ORD         7.65         7.75           09-Nov:17         BiosRock Asset Measgement, Inc.         collateral transfer         n/a         AUD         ORD         2.62         -56           09-Nov:17         BiosRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -10.518         11.05           09-Nov:17         BiosRock Asset Meagement Inch Asia         collateral transfer         n/a         AUD         ORD         -565         -56           10-Nov:17         BiosRock Asset Meagement Inch Asia         on mkt sell         2.3.80         AUD         ORD         -2.0.271         -20.27           10-Nov:17         BiosRock Anvisors (UK) Limited         on mkt sell         2.3.80         AUD         ORD         -2.681         -2.681           10-Nov:17         BiosRock Anvisors (UK) Limited         on mkt hy         2.2.79         AUD         ORD         -2.681         -2.681           10-Nov:17         BiosRock Anvisors (UK) Limited         on mkt hy         2.3.79         AUD				23.85				562
09-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         7:55         7:75           09-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         2:10.88         2:10.88           09-Nov-17         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         2:10.88         2:10.88           09-Nov-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -595         -585           09-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         2:3.80         AUD         ORD         -6.672         -6.67           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         2:3.80         AUD         ORD         -2.691         -2.68           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         2:3.80         AUD         ORD         1.88         1.84           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         2:3.80         AUD         ORD         1.84         1.84           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell <t< td=""><td></td><td>,</td><td></td><td></td><td></td><td></td><td></td><td>-84</td></t<>		,						-84
09-Nov-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -562         -56           09-Nov-17         BlackRock Investment Management, UK)         collateral transfer         n/a         AUD         ORD         21,088         21,08           09-Nov-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -10,518         -10,516           09-Nov-17         BlackRock Kasest Management North Asia         collateral transfer         n/a         AUD         ORD         -595         -55           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23,78         AUD         ORD         -20,271         -20,27           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23,80         AUD         ORD         -26,81         -26,81         -26,81         -26,81         -26,81         -26,81         -26,81         -26,81         -26,81         -26,81         -26,85         -26,81         -26,85         -26,81         -26,85         -26,84         -26,85         -26,42         -26,10         -26,91         -26,85         -26,42         -26,10         -26,11         -26,12         -26,10         -26,10								-2,374
O9-Nov-17         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         21,088         21,008           09-Nov-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -10,518         -10,576           09-Nov-17         BlackRock Investment Management         on mkt sell         23,776         AUD         ORD         -509,5         -502,271         -20,								715
Og-Nov-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -10,518         -10,57           Og-Nov-17         BlackRock Investment Management North Asia         collateral transfer         n/a         AUD         ORD         -295         -55           Ol-Nov-17         BlackRock Investment Management         on mit sell         23.78         AUD         ORD         -202.271         -202.27           I-Nov-17         BlackRock Advisors (UK) Limited         on mit sell         23.80         AUD         ORD         -5,672         -6,66           I-Nov-17         BlackRock Advisors (UK) Limited         on mit sell         23.80         AUD         ORD         1,880         1,88           I-Nov-17         BlackRock Advisors (UK) Limited         on mit buy         23.80         AUD         ORD         1,880         1,88           I-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -243         -22           I-Nov-17         BlackRock Advisors (UL)         collateral transfer         n/a         AUD         ORD         -4,845         -4,84           I-Nov-17         BlackRock Advisors (UK)         collateral transfer         n/a <t< td=""><td>09-Nov-17</td><td>BlackRock Financial Management, Inc.</td><td>collateral transfer</td><td>n/a</td><td>AUD</td><td>ORD</td><td>-562</td><td>-562</td></t<>	09-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-562	-562
Limited         Image         AUD         ORD         -595         -555           09-Nov-17         BlackRock Investment Management (Australa) Limited         on mkt sell         23.78         AUD         ORD         -6.67           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.80         AUD         ORD         -26.271         -20.27           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.80         AUD         ORD         -26.81         -28.81           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.80         AUD         ORD         1.866         1.88           10-Nov-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         -2.92         2.22           10-Nov-17         BlackRock Advisors (LLC         collateral transfer         n/a         AUD         ORD         -2.94         -22           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -4.95         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45         -4.45	09-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	21,088	21,088
Limited         AUD         ORD         -20,271         20,271           10-Nov-17         BlackRock Investment Management (Australia) Limited         on mixt sell         23,80         AUD         ORD         -6,672         -6,671           10-Nov-17         BlackRock Advisors (UK) Limited         on mixt sell         23,80         AUD         ORD         -2,681           10-Nov-17         BlackRock Advisors (UK) Limited         on mixt buy         23,80         AUD         ORD         1,886         1,886           10-Nov-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         2,827         2,221           10-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -2,84         -22           10-Nov-17         BlackRock Advisors, ULC         collateral transfer         n/a         AUD         ORD         -2,84         -22           10-Nov-17         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -4,435         -4,43           10-Nov-17         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -1,263         -1,263         -1,263	09-Nov-17	<b>a</b>	collateral transfer	n/a	AUD	ORD	-10,518	-10,518
(Australia) Limited         On mixt sell         23.80         AUD         ORD         -6.672         -6.673           10-Nov-17         BlackRock Advisors (UK) Limited         on mixt sell         23.80         AUD         ORD         1.268           10-Nov-17         BlackRock Advisors (UK) Limited         on mixt buy         23.80         AUD         ORD         1.385         1.38           10-Nov-17         BlackRock Investment Management (UK)         in specie         n'a         AUD         ORD         1.286           10-Nov-17         BlackRock Investment Management (UK)         in specie         n'a         AUD         ORD         -224         -222           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n'a         AUD         ORD         -24         -22           10-Nov-17         BlackRock Financial Management, Inc.         collateral transfer         n'a         AUD         ORD         -34,315         -34,315           10-Nov-17         BlackRock Investment Management, Inc.         collateral transfer         n'a         AUD         ORD         -34,315         -34,315           10-Nov-17         BlackRock Advisors (UK) Limited         on mix buy         23.83         AUD         ORD         -17,431 <t< td=""><td>09-Nov-17</td><td></td><td>collateral transfer</td><td>n/a</td><td>AUD</td><td>ORD</td><td>-595</td><td>-595</td></t<>	09-Nov-17		collateral transfer	n/a	AUD	ORD	-595	-595
10-Nov-77         BlackRock Advisors (UK) Limited         on mkt sell         23.0         AUD         ORD         -2.691         -2.663           10-Nov-77         BlackRock Advisors (UK) Limited         on mkt buy         23.90         AUD         ORD         1.385         1.385           10-Nov-77         BlackRock Advisors (UK) Limited         on mkt buy         23.80         AUD         ORD         1.886         1.88           10-Nov-77         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         2.227           10-Nov-77         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -2.843         8.44           10-Nov-78         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -4.435         8.44           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -52.873         52.87           10-Nov-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -17.431         -17.431           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.83         AUD	10-Nov-17		on mkt sell	23.78	AUD	ORD	-20,271	-20,271
10-Nov-17         BlackRock Advisors (UK) Limited         on mkt buy         23.79         AUD         ORD         1.385         1.33           10-Nov-17         BlackRock Advisors (UK) Limited         in specie         n/a         AUD         ORD         1.860         1.86           10-Nov-17         BlackRock Advisors (UK) Limited         in specie         n/a         AUD         ORD         2.237         2.22           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -294         -22           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -294         -22           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -4.03         -4.03           10-Nov-17         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -34.315         -34.31           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -17.431         -17.43           10-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.83	10-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.80	AUD	ORD	-6,672	-6,672
10-Nov-17         BlackRock Advisors (UK) Limited         on mikt buy         23.80         AUD         ORD         1.860         1.88           10-Nov-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         1.886         1.88           10-Nov-17         BlackRock Investment Management (UK)         in specie         n/a         AUD         ORD         2.237         2.22           10-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -8.435         8.43           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -4.845         8.44           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -1.866         -1.86           10-Nov-17         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         52.873         52.87           10-Nov-17         BlackRock Advisors (UK) Limited         on mict bell         23.83         AUD         ORD         -17.431         -17.431         -17.431           10-Nov-17         BlackRock Advisors (UK) Limited         on mict sell <t< td=""><td>10-Nov-17</td><td>BlackRock Advisors (UK) Limited</td><td>on mkt sell</td><td>23.80</td><td>AUD</td><td>ORD</td><td>-2,691</td><td>-2,69</td></t<>	10-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.80	AUD	ORD	-2,691	-2,69
10-Nov-17         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         1.896         1.896           10-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         2.237         2.23           10-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -294         -22           10-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -4.34           10-Nov-17         BlackRock Advisors, LLC         collateral transfer         n/a         AUD         ORD         -4.34           10-Nov-17         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -34,315         -34,315           10-Nov-17         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -17,431         -17,431           10-Nov-17         BlackRock Asset Management North Asia         collateral transfer         n/a         AUD         ORD         -17,431         -17,431           13-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.83         AUD         ORD	10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.79	AUD	ORD	1,385	1,38
10-Nov-17       BlackRock Investment Management (UK)       in specie       n/a       AUD       ORD       2,237       2,237         10-Nov-17       BlackRock Advisors, LLC       collateral transfer       n/a       AUD       ORD       -294       -29         10-Nov-17       BlackRock Advisors, LLC       collateral transfer       n/a       AUD       ORD       48,435       -8,44         10-Nov-17       BlackRock Advisors, UKJ Limited       collateral transfer       n/a       AUD       ORD       40       42         10-Nov-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD       ORD       -34,315       -34,315         10-Nov-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -52,873       52,873         10-Nov-17       BlackRock Advisors (UK)       Limited       on mkt buy       23.83       AUD       ORD       -17,431 <t< td=""><td>10-Nov-17</td><td>BlackRock Advisors (UK) Limited</td><td>on mkt buy</td><td>23.80</td><td>AUD</td><td>ORD</td><td>1,860</td><td>1,86</td></t<>	10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.80	AUD	ORD	1,860	1,86
Limited 10-Nov-17 BlackRock Advisors, LLC collateral transfer n/a AUD ORD -294 -22 10-Nov-17 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -4,435 -8,4,4 10-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -1,806 -1,806 10-Nov-17 BlackRock Financial Management, Inc. collateral transfer n/a AUD ORD -34,315 -34,315 10-Nov-17 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -34,315 -34,315 10-Nov-17 BlackRock Asset Management (UK) collateral transfer n/a AUD ORD -52,873 52,87 10-Nov-17 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD -17,431 -17,43 10-Nov-17 BlackRock Advisors (UK) Limited on mkt buy 23,83 AUD ORD -17,431 -17,45 13-Nov-17 BlackRock Advisors (UK) Limited on mkt sell 23,83 AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited on mkt sell 23,83 AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited on mkt sell 23,83 AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited on mkt sell 23,83 AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -2,691 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -2,917 -2,691 13-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -2,917 -2,917 13-Nov-17 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ORD -4,002 -4,002 13-Nov-17 BlackRock Institutional Trust Company, on mkt sell 23.48 AUD ORD -59,262 -59,262 14-Nov-17 BlackRock Advisors LLC on mkt sell 23.48 AUD ORD -1,963 -933 14-Nov-17 BlackRock Advisors (UC on mkt sell 23.48 AUD ORD -1,461 -1,461 14-Nov-17 BlackRock Advisors (UC on mkt sell 23.48 AUD ORD -1,965 -565 14-Nov-17 BlackRock Advisors (UC on mkt sell 23.48 AUD ORD -1,461 -1,461 14-Nov-17 BlackRock Advisors (UC on mkt sell 23.48 AUD ORD -1,1,807 -11,807 14								1,89 2,23
10-Nov-17         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -8,435         -8,43           10-Nov-17         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -14,00         -4           10-Nov-17         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -14,806         -13,4315         -54,815         -17,431         -17,431         -17,431         -17,431         -17,431         -17,431         -17,431         -17,431         -17,431         -17,431         -21,655         -666		Limited						
10-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       40       44         10-Nov-17       BlackRock Financial Management, Inc.       collateral transfer       n/a       AUD       ORD       -1,806       -1,80         10-Nov-17       BlackRock Investment Management, ULC       collateral transfer       n/a       AUD       ORD       -54,315       -54,315         10-Nov-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       52,873       52,873         10-Nov-17       BlackRock Advisors (UK) Limited       on mkt buy       23.83       AUD       ORD       -17,431       -17,431         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt buy       23.83       AUD       ORD       -2,691       -2,691         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.83       AUD       ORD       -4,002       -4,002         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.83       AUD       ORD       -2,661       -2,66         13-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       2,246       5,246       5,246								
10-Nov-17       BlackRock Financial Management, Inc.       collateral transfer       n/a       AUD       ORD       -1,806       -1,806         10-Nov-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -34,315       -34,315         10-Nov-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       52,873       52,873         10-Nov-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD       ORD       -17,431       -17,431         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt buy       23,83       AUD       ORD       -2,691       -2,661         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23,83       AUD       ORD       -2,691       -2,661         13-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -2,691       -2,661         13-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -2,691       -2,62         13-Nov-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD       ORD       2,313       <							,	-0,43
10-Nov-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       52,873       52,873         10-Nov-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD       ORD       -17,431       -17,451         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt buy       23.83       AUD       ORD       14,456       14,465         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.83       AUD       ORD       -2,691       -2,665         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.83       AUD       ORD       -2,681       -2,665         13-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -4,02       -4,00         13-Nov-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD       ORD       2,313       2,31         13-Nov-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD       ORD       2,9751       29,751       29,751         13-Nov-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD       ORD       -59,26								-1,806
Limited10-Nov-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD-17,431-17,43113-Nov-17BlackRock Advisors (UK) Limitedon mkt buy23.83AUDORD14,45614,45613-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.83AUDORD-2,691-2,66113-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD-665-66613-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD-2432213-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD-2,3132,31313-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD2,975129,75113-Nov-17BlackRock Investment Management, ILCcollateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD-6,346-6,34614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23,48AUDORD-304-30414-Nov-17BlackRock Advisors, LLCon mkt sell23,48AUDORD-1,096-1,06614-Nov-17BlackRock Institutional Trust Company, National Associationon	10-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-34,315	-34,315
10-Nov-17       BlackRock Asset Management North Asia collateral transfer       n/a       AUD       ORD       -17,431       -17,431         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt buy       23.83       AUD       ORD       14,456       14,44         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.83       AUD       ORD       -2,691       -2,65         13-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.83       AUD       ORD       -4,002       -4,00         13-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -4,002       -4,00         13-Nov-17       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -5,246       5,22         13-Nov-17       BlackRock Investment Management, Inc.       collateral transfer       n/a       AUD       ORD       2,313       2,31         13-Nov-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -59,262       -59,262         13-Nov-17       BlackRock Advisors, LLC       collateral transfer       n/a       AUD       ORD       -30         13-Nov-17       Bl	10-Nov-17		collateral transfer	n/a	AUD	ORD	52,873	52,873
13-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.83AUDORD-2.691-2.69113-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.83AUDORD-665-6613-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD2432413-Nov-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-4,002-4,0013-Nov-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD5,2465,2413-Nov-17BlackRock Investment Management, Inc.collateral transfern/aAUDORD2,3132,3113-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-3014-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRoc	10-Nov-17	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-17,431	-17,431
13-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.83AUDORD-665-6613-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD2432213-Nov-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-4,002-4,00213-Nov-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD5,2465,2413-Nov-17BlackRock Investment Management, Inc.collateral transfern/aAUDORD2,3132,3113-Nov-17BlackRock Investment Management, UK)collateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-3014-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,0914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,6914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,6514-Nov-17BlackRock Institut	13-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.83	AUD	ORD	14,456	14,456
13-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.83AUDORD-665-6613-Nov-17BlackRock Advisors, LLCcollateral transfern/aAUDORD2432213-Nov-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-4,002-4,00213-Nov-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD5,2465,2413-Nov-17BlackRock Investment Management, Inc.collateral transfern/aAUDORD2,3132,3113-Nov-17BlackRock Investment Management, ULCcollateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Investment Management North Asiacollateral transfern/aAUDORD-59,262-59,2613-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-3014-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,0914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,6914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust C	13-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.83	AUD	ORD	-2,691	-2,69
13-Nov-17BlackRock Japan Co., Ltd.collateral transfern/aAUDORD-4,002-4,00213-Nov-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD5,2465,2213-Nov-17BlackRock Financial Management, Inc.collateral transfern/aAUDORD2,3132,31313-Nov-17BlackRock Investment Management, LLCcollateral transfern/aAUDORD29,75129,7513-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23,48AUDORD-304-30414-Nov-17BlackRock Advisors, LLCon mkt sell23,48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23,48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23,48AUDORD-1,461-1,4614-Nov-17BlackRock Investment Management, LLCon mkt sell23,48AUDORD-565-56614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23,48AUDORD-1,461-1,4614-Nov	13-Nov-17		on mkt sell	23.83	AUD	ORD	-665	-66
13-Nov-17BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD5,2465,24613-Nov-17BlackRock Financial Management, Inc.collateral transfern/aAUDORD2,3132,31313-Nov-17BlackRock Investment Management, LLCcollateral transfern/aAUDORD29,75129,75113-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD16,34616,34614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-30414-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46614-Nov-17BlackRock Investment Management, LLCon mkt sell23.48 <td>13-Nov-17</td> <td>BlackRock Advisors, LLC</td> <td>collateral transfer</td> <td>n/a</td> <td>AUD</td> <td>ORD</td> <td>243</td> <td>243</td>	13-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	243	243
13-Nov-17BlackRock Financial Management, Inc.collateral transfern/aAUDORD2,3132,31313-Nov-17BlackRock Investment Management, LLCcollateral transfern/aAUDORD29,75129,75113-Nov-17BlackRock Investment Management (UK)collateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Asset Management North Asiacollateral transfern/aAUDORD16,34616,34613-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-3014-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,0914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,6914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-565-56614		BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD		-4,002	-4,00
13-Nov-17       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       29,751       29,751         13-Nov-17       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -59,262       -59,262         13-Nov-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD       ORD       16,346       16,346         13-Nov-17       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD       ORD       16,346       16,346         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -304       -30         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -1,096       -1,096         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -4,692       -4,692         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -1,461       -1,461         14-Nov-17       BlackRock Investment Management, LLC       on mkt sell <td>13-Nov-17</td> <td></td> <td>collateral transfer</td> <td>n/a</td> <td></td> <td>ORD</td> <td></td> <td>5,24</td>	13-Nov-17		collateral transfer	n/a		ORD		5,24
13-Nov-17BlackRock Investment Management (UK) Limitedcollateral transfern/aAUDORD-59,262-59,26213-Nov-17BlackRock Asset Management North Asia Limitedcollateral transfern/aAUDORD16,34616,34613-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-30614-Nov-17BlackRock Japan Co., Ltd.on mkt sell23.48AUDORD-933-93314-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.47AUDORD-11,807-11,807 <td>13-Nov-17</td> <td>BlackRock Financial Management, Inc.</td> <td>collateral transfer</td> <td>n/a</td> <td>AUD</td> <td>ORD</td> <td>2,313</td> <td>2,313</td>	13-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,313	2,313
Limited13-Nov-17BlackRock Asset Management North Asiacollateral transfer Limitedn/aAUDORD16,34616,34614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-3014-Nov-17BlackRock Japan Co., Ltd.on mkt sell23.48AUDORD-933-9314-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,0914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-11,607-11,60714-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Asset Management North Asiaon mkt sell23.47AUDORD-594-558	13-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	29,751	29,75
Limited14-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-304-3014-Nov-17BlackRock Japan Co., Ltd.on mkt sell23.48AUDORD-933-9314-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,0914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,6914-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,4614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46014-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.47AUDORD-594-554	13-Nov-17	<b>a</b>	collateral transfer	n/a	AUD	ORD	-59,262	-59,262
National Association         14-Nov-17       BlackRock Japan Co., Ltd.       on mkt sell       23.48       AUD       ORD       -933       -933         14-Nov-17       BlackRock Advisors, LLC       on mkt sell       23.48       AUD       ORD       -1,096       -1,096         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -4,692       -4,692         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -1,461       -1,461         14-Nov-17       BlackRock Institutional Trust Company, National Association       on mkt sell       23.48       AUD       ORD       -1,461       -1,461         14-Nov-17       BlackRock Investment Management, LLC       on mkt sell       23.48       AUD       ORD       -565       -56         14-Nov-17       BlackRock Asset Management North Asia       on mkt sell       23.48       AUD       ORD       -11,807       -11,807         14-Nov-17       BlackRock Advisors (UK) Limited       on mkt sell       23.47       AUD       ORD       -594       -554	13-Nov-17		collateral transfer	n/a	AUD	ORD	16,346	16,346
14-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.47AUDORD-594-594	14-Nov-17		on mkt sell	23.48	AUD	ORD	-304	-304
14-Nov-17BlackRock Advisors, LLCon mkt sell23.48AUDORD-1,096-1,09614-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Asset Management North Asia Limitedon mkt sell23.47AUDORD-594-556	14-Nov-17		on mkt sell	23.48	AUD	ORD	-933	-93
14-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-4,692-4,69214-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-565-56614-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Asset Management North Asiaon mkt sell23.47AUDORD-594-556			on mkt sell					-1,096
14-Nov-17BlackRock Institutional Trust Company, National Associationon mkt sell23.48AUDORD-1,461-1,46114-Nov-17BlackRock Investment Management, LLCon mkt sell23.48AUDORD-565-5614-Nov-17BlackRock Asset Management North Asiaon mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.47AUDORD-594-554			on mkt sell					-4,692
14-Nov-17BlackRock Investment Management, LLC on mkt sell23.48AUDORD-565-5614-Nov-17BlackRock Asset Management North Asia on mkt sell23.48AUDORD-11,807-11,80714-Nov-17BlackRock Advisors (UK) Limitedon mkt sell23.47AUDORD-594-594	14-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.48	AUD	ORD	-1,461	-1,461
Limited           14-Nov-17         BlackRock Advisors (UK) Limited         on mkt sell         23.47         AUD         ORD         -594         -594         -594	14-Nov-17		on mkt sell	23.48	AUD	ORD	-565	-56
14-Nov-17 BlackRock Advisors (UK) Limited on mkt sell 23.47 AUD ORD -594 -594	14-Nov-17	0	on mkt sell	23.48	AUD	ORD	-11,807	-11,807
	14-Nov-17		on mkt sell	23.47	AUD	ORD	-594	-594
								-11,120

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.48	AUD	ORD	6,921	6,921
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.48	AUD	ORD	-7,784	-7,784
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.48	AUD	ORD	594	594
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.48	AUD	ORD	5,878	5,878
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.48	AUD	ORD	-1,549	-1,549
14-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	23.48	AUD	ORD	-3,457	-3,457
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,065	2,065
14-Nov-17	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,314	-1,314
14-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-12,755	-12,755
14-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-114,460	-114,460
14-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8,978	-8,978
14-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-169,394	-169,394
14-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-230,368	-230,368
14-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-91,234	-91,234
15-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.48	AUD	ORD	-414	-414
15-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	23.48	AUD	ORD	-430	-430
15-Nov-17	National Association BlackRock Investment Management (Australia) Limited	on mkt sell	23.48	AUD	ORD	-2,467	-2,467
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.48	AUD	ORD	-365	-365
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.50	AUD	ORD	5,208	5,208
15-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.50	AUD	ORD	-28,940	-28,940
15-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.44	AUD	ORD	-2,232	-2,232
15-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,369	5,369
15-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,553	-6,553
15-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,719	-3,719
15-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,551	1,551
16-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.36	AUD	ORD	-2,791	-2,791
16-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.36	AUD	ORD	-2,921	-2,921
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.27	AUD	ORD	-1,649	-1,649
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	23.27	AUD	ORD	-14,469	-14,469
16-Nov-17	BlackRock Fund Advisors	on mkt sell	23.27	AUD	ORD	-5,876	-5,876
16-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.27	AUD	ORD	-4,381	-4,381
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.27	AUD	ORD	-3,237	-3,237
16-Nov-17	BlackRock Fund Advisors	on mkt sell	23.27	AUD	ORD	-3,017	-3,017
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,564	11,564
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,065	2,065
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,800	17,800
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,368	-7,368
16-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,516	-7,516
16-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.31	AUD	ORD	-289	-289
17-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	3,652	3,652
17-Nov-17	BlackRock Advisors, LLC	on mkt buy	23.30	AUD	ORD	10,683	10,683
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,818	1,818
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,093	1,093
17-Nov-17	BlackRock International Limited	on mkt buy	23.30	AUD	ORD	1,875	1,875
17-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	10,056	10,056
17-Nov-17	BlackRock Investment Management, LLC	on mkt buy	23.30	AUD	ORD	14,470	14,470
17-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	8,788	8,788
17-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.23	AUD	ORD	102	102

ate of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and n securities	Person's votes affected	
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.23	AUD	ORD	-44,401	-44,40
17-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-1,192	-1,19
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,728	1,72
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	78
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,228	-8,22
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,807	-8,80
17-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	14	1
17-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-
20-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.18	AUD	ORD	2,429	2,42
20-Nov-17	BlackRock Investment Management, LLC	on mkt buy	23.10	AUD	ORD	2,917	2,91
20-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,256	3,25
20-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-
21-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.18	AUD	ORD	1,407	1,40
21-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	23.18	AUD	ORD	720	72
21-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	193	19
21-Nov-17	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a	AUD AUD	ORD ORD	100	10
21-Nov-17 21-Nov-17	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	<u>196</u> 1,896	19
21-Nov-17 21-Nov-17	BlackRock Fund Advisors BlackRock Japan Co., Ltd.	collateral transfer	n/a n/a	AUD	ORD	1,896	<u>1,89</u> -6,33
21-Nov-17 21-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-0,330 -2	-0,33
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	1,438	1,43
22-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.21	AUD	ORD	1,213	1,21
22-Nov-17	BlackRock Investment Management, LLC	on mkt buy	23.21	AUD	ORD	2,063	2,06
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	3,254	3,25
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	7,273	7,27
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	1,601	1,60
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	1,584	1,58
22-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	4,391	4,39
22-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	704	70
22-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.21	AUD	ORD	3,885	3,88
22-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.21	AUD	ORD	3,002	3,00
22-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.21	AUD	ORD	2,059	2,05
22-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.21	AUD	ORD	1,234	1,23
22-Nov-17	BlackRock Advisors, LLC	on mkt buy	23.21	AUD	ORD	3,321	3,32
22-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	23.21	AUD	ORD	1,620	1,62
22-Nov-17	BlackRock Investment Management, LLC	on mkt buy	23.21	AUD	ORD	864	86
22-Nov-17	BlackRock International Limited	on mkt buy	23.21	AUD	ORD	4,462	4,46
22-Nov-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.21	AUD	ORD	745	74
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	3,907	3,90
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	19,872	19,87
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.21	AUD	ORD	1,567	1,56
22-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.21	AUD	ORD	1,841	1,84
22-Nov-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.21	AUD	ORD	1,701	1,70
22-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	4,517	4,51
22-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	3,591	3,59
22-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.21	AUD	ORD	669	66
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.22	AUD	ORD	1,931	1,93
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.21	AUD	ORD	-1,084	-1,08
	Disal Disal June 1 114						2 52
22-Nov-17 22-Nov-17	BlackRock Investment Management (Australia) Limited BlackRock Fund Advisors	on mkt buy in specie	23.19 n/a	AUD	ORD	2,523	10

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		ССҮ	Class and r securities		Person's votes affected
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,348	2,348
22-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
23-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.00	AUD	ORD	-2,743	-2,743
23-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.00	AUD	ORD	-1,073	-1,073
23-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.00	AUD	ORD	-1,735	-1,735
23-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.06	AUD	ORD	2,917	2,917
23-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.06	AUD	ORD	-3,317	-3,317
23-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	22.96	AUD	ORD	-2,232	-2,232
23-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,750	6,750
23-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	16,626	16,626
24-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	700	700
24-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	368	368
24-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	8,807	8,807
24-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	8,228	8,228
24-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-13,822	-13,822
24-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,626	-16,626
27-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.02	AUD	ORD	74,400	74,400
27-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.02	AUD	ORD	6,684	6,684
27-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-215,081	-215,081
28-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.08	AUD	ORD	3,033	3,033
28-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.07	AUD	ORD	1,709	1,709
28-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.08	AUD	ORD	1,268	1,268
28-Nov-17	BlackRock Investment Management, LLC	on mkt buy	23.08	AUD	ORD	1,722	1,722
28-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	4,001	4,001
28-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	794	794
28-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.08	AUD	ORD	4,342	4,342
28-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.08	AUD	ORD	2,763	2,763
28-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	23.08	AUD	ORD	1,362	1,362
28-Nov-17	BlackRock Advisors, LLC	on mkt buy	23.08	AUD	ORD	2,832	2,832
28-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.08	AUD	ORD	812	812
28-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	23.08	AUD	ORD	1,872	1,872
28-Nov-17	BlackRock Investment Management, LLC	on mkt buy	23.08	AUD	ORD	934	934
28-Nov-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.08	AUD	ORD	879	879
28-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.08	AUD	ORD	3,633	3,633
28-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.08	AUD	ORD	26,845	26,845
28-Nov-17	BlackRock Institutional Trust Company,	on mkt buy	23.08	AUD	ORD	2,015	2,015
28-Nov-17	National Association BlackRock Financial Management, Inc.	on mkt buy	23.08	AUD	ORD	4,176	4,176
28-Nov-17	BlackRock Institutional Trust Company,	on mkt buy	23.08	AUD	ORD	4,243	4,243
28-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.08	AUD	ORD	1,144	1,144
28-Nov-17	National Association BlackRock Investment Management (UK)	on mkt buy	23.08	AUD	ORD	1,632	1,632
28-Nov-17	Limited BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	3,625	3,625
28-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	2,833	2,833
28-Nov-17	BlackRock Institutional Trust Company,	on mkt buy	23.08	AUD	ORD	2,833	2,033
28-Nov-17	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	23.08	AUD	ORD	570	570
28-Nov-17	BlackRock International Limited	on mkt buy	23.07	AUD	ORD	3,916	3,916
28-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	23.07	AUD	ORD	1,079	1,079
28-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.07	AUD	ORD	3,431	3,431

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	en in relation to	ССҮ	Class and r securities		Person's votes affected
28-Nov-17	BlackRock Asset Management North Asia Limited	-	23.04	AUD	ORD	-30,229	-30,22
28-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.11	AUD	ORD	80,352	80,352
28-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	23.11	AUD	ORD	250	25
28-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.11	AUD	ORD	5,108	5,10
28-Nov-17	BlackRock Fund Advisors	on mkt buy	23.11	AUD	ORD	386	38
28-Nov-17	BlackRock Fund Advisors	on mkt buy	23.11	AUD	ORD	1,758	1,75
28-Nov-17	BlackRock Fund Advisors	on mkt buy	23.11	AUD	ORD	13,272	13,27
28-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,440	2,44
28-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	5,524	5,52
29-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.63	AUD	ORD	2,040	2,04
29-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.60	AUD	ORD	31,248	31,24
29-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.60	AUD	ORD	11,288	11,28
29-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,440	1,44
29-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,869	-2,86
29-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	9,713	9,71
29-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,468	3,46
29-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,892	1,893
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	22.28	AUD	ORD	-1,581	-1,58
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.28	AUD	ORD	-5,325	-5,32
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	22.30	AUD	ORD	-2,554	-2,55
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.38	AUD	ORD	-9,465	-9,46
30-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	22.20	AUD	ORD	1,589	1,58
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.20	AUD	ORD	4,394	4,39
30-Nov-17 30-Nov-17	BlackRock International Limited BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy	22.20 22.38	AUD AUD	ORD ORD	6,517 3,101	6,51 3,10
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	22.16	AUD	ORD	5,517	5,51
30-Nov-17	BlackRock Advisors, LLC	on mkt buy	22.10	AUD	ORD	3,916	3,91
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	22.16	AUD	ORD	2,378	2,37
30-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	22.16	AUD	ORD	3,439	3,43
30-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	22.16	AUD	ORD	1,176	1,17
30-Nov-17	BlackRock Investment Management (UK)	on mkt buy	22.16	AUD	ORD	925	92
30-Nov-17	Limited BlackRock Institutional Trust Company,	on mkt buy	22.16	AUD	ORD	26,955	26,95
30-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.16	AUD	ORD	1,973	1,97
30-Nov-17	National Association BlackRock Financial Management, Inc.	on mkt buy	22.16	AUD	ORD	3,973	3,97
30-Nov-17	BlackRock Institutional Trust Company,	on mkt buy	22.16	AUD	ORD	4,374	4,37
30-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.16	AUD	ORD	1,039	1,03
30-Nov-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.16	AUD	ORD	3,055	3,05
20 Nov 47	National Association	on mit have	00.46		000	6.050	0.05
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	22.16	AUD	ORD	6,056	6,05
30-Nov-17 30-Nov-17	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt buy	22.16 22.16	AUD AUD	ORD ORD	4,599 2,954	4,59 2,95
30-Nov-17	National Association BlackRock Financial Management, Inc.	on mkt buy	22.16	AUD	ORD	811	81
30-Nov-17	BlackRock Investment Management, LLC	on mkt buy	22.16	AUD	ORD	919	91
30-Nov-17	BlackRock Institutional Trust Company,	on mkt sell	21.99	AUD	ORD	-7,203	-7,20
	National Association						

ate of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		ССҮ	Class and securities		Person's votes affected
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-2,929	-2,92
30-Nov-17	BlackRock Fund Advisors	on mkt sell	21.99	AUD	ORD	-6,578	-6,57
30-Nov-17	BlackRock Fund Advisors	on mkt sell	21.99	AUD	ORD	-13,230	-13,23
30-Nov-17	BlackRock Fund Advisors	on mkt sell	21.99	AUD	ORD	-437	-43
30-Nov-17	BlackRock Fund Advisors	on mkt sell	21.99	AUD	ORD	-112	-11
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	21.99	AUD	ORD	20,216	20,21
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-465	-46
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	21.99	AUD	ORD	371	37
30-Nov-17	BlackRock International Limited	on mkt buy	21.99	AUD	ORD	4,140	4,14
30-Nov-17	BlackRock Investment Management, LLC		21.99	AUD	ORD	-2,460	-2,4
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	21.99	AUD	ORD	162	10
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	21.99	AUD	ORD	-2,436	-2,4
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	21.99	AUD	ORD	-475	-47
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	21.99	AUD	ORD	-5,857	-5,8
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	21.99	AUD	ORD	-3,635	-3,63
30-Nov-17	BlackRock Fund Advisors	on mkt buy	21.99	AUD	ORD	17,737	17,73
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	21.99	AUD	ORD	-463	-40
00.11 47			04.00	4115	000	4 4 9 4	
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	21.99	AUD	ORD	-1,181	-1,1
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	21.99	AUD	ORD	-36,343	-36,3
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	21.99	AUD	ORD	26,524	26,5
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-21,262	-21,2
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-5,044	-5,0
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	21.99	AUD	ORD	-1,183	-1,1
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-15,789	-15,7
30-Nov-17	BlackRock (Netherlands) B.V.	on mkt sell	21.99	AUD	ORD	-993	-9
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	21.99	AUD	ORD	-458	-4
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	21.99	AUD	ORD	103	1
30-Nov-17		collateral transfer		AUD	ORD	32,957	32,9
	BlackRock Japan Co., Ltd.		n/a				32,8
30-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2	
30-Nov-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5	
30-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3	
30-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3	
01-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.32	AUD	ORD	2,928	2,9
01-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.32	AUD	ORD	4,108	4,1
01-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	22.22	AUD	ORD	-166	-1
01-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.22	AUD	ORD	320	3
01-Dec-17	BlackRock Investment Management	on mkt buy	22.22	AUD	ORD	120	1
01-Dec-17	(Australia) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	8
01-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-630,768	-630,7
01-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	
01-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,048	1,(
01-Dec-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-679	-6
01-Dec-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-370	-3
04-Dec-17	Limited BlackRock Asset Management North Asia	on mkt sell	22.13	AUD	ORD	-9,084	-9,0
04-Dec-17	Limited BlackRock Investment Management	on mkt sell	22.42	AUD	ORD	-410	-4
04 D 47	(Australia) Limited	on mkt coll	00.00		000	0.057	
04-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	22.33	AUD	ORD	-3,351	-3,3
04-Dec-17	BlackRock Investment Management	on mkt buy	22.33	AUD	ORD	22,524	22,5

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
04-Dec-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,626	-2,62
04-Dec-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,617	-9,61
04-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-10,767	-10,76
04-Dec-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,786	-2,78
04-Dec-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,519	-1,519
05-Dec-17	Limited BlackRock Japan Co., Ltd.	on mkt buy	22.61	AUD	ORD	19,175	19,17
05-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	22.62	AUD	ORD	5,254	5,25
	National Association						
05-Dec-17	BlackRock Investment Management, LLC	on mkt buy	22.62	AUD	ORD	9,575	9,57
05-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.62	AUD	ORD	2,332	2,33
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	2,240	2,24
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	1,635	1,63
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.62	AUD	ORD	15,600	15,60
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.62	AUD	ORD	1,833	1,83
05-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	22.62	AUD	ORD	9,918	9,91
05-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	22.62	AUD	ORD	6,207	6,20
05-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	22.62	AUD	ORD	3,873	3,87
05-Dec-17	BlackRock Advisors, LLC	on mkt buy	22.62	AUD	ORD	2,792	2,79
05-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.62	AUD	ORD	1,862	1,86
05-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	22.62	AUD	ORD	6,170	6,17
05-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.62	AUD	ORD	11,448	11,44
05-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.62	AUD	ORD	3,853	3,85
05-Dec-17	BlackRock Investment Management, LLC	on mkt buy	22.62	AUD	ORD	1,897	1,89
05-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.62	AUD	ORD	1,858	1,85
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	4,028	4,02
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	26,055	26,05
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	4,889	4,88
05-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.62	AUD	ORD	13,013	13,01
05-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	22.62	AUD	ORD	14,994	14,99
05-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.62	AUD	ORD	3,320	3,32
05-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.62	AUD	ORD	9,823	9,82
	National Association	· · · · · · · · · · · · · · · · · · ·					
05-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.62	AUD	ORD	4,850	4,85
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.62	AUD	ORD	16,522	16,52
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.62	AUD	ORD	12,955	12,95
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.62	AUD	ORD	15,295	15,29
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	1,545	1,54
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	13,039	13,03
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	5,099	5,09
05-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	22.62	AUD	ORD	693	69
05-Dec-17	National Association BlackRock Investment Management	on mkt buy	22.50	AUD	ORD	1,947	1,94
05 D	(Australia) Limited		00.00		022		
05-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	22.62	AUD	ORD	937	93
05-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	22.62	AUD	ORD	1,132	1,13
05-Dec-17	BlackRock Japan Co., Ltd. BlackRock Advisors, LLC	on mkt buy	22.62	AUD AUD	ORD	1,341	1,34
05-Dec-17 05-Dec-17	BlackRock Financial Management, Inc.	on mkt buy on mkt buy	22.62 22.62	AUD	ORD ORD	<u>1,119</u> 1,396	<u>1,11</u> 1,39
05-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	22.62	AUD	ORD	478	47
JJ-DG(-17	National Association	on nikt buy	22.02	AUD	UND	410	47

Date of Change	Person whose relevant interest changed	Nature of cl Consideration giv chang	ven in relation to	CCY	Class and r securities		Person's votes affected
05-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.60	AUD	ORD	4,472	4,472
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.60	AUD	ORD	11,618	11,618
05-Dec-17	BlackRock International Limited	on mkt buy	22.60	AUD	ORD	16,620	16,620
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	1,113	1,113
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	736	736
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	319	31
05-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.83	AUD	ORD	3,357	3,35
05-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.83	AUD	ORD	65,689	65,68
05-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
05-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,636	6,63
05-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-22,300	-22,300
06-Dec-17	BlackRock Advisors, LLC	on mkt sell	22.80	AUD	ORD	-13,364	-13,36
06-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.82	AUD	ORD	12,511	12,51
06-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.82	AUD	ORD	7,029	7,029
06-Dec-17 06-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.82	AUD	ORD	1,744	1,744
06-Dec-17	BlackRock Institutional Trust Company, National Association BlackRock Investment Management	on mkt buy on mkt buy	22.82	AUD	ORD	4,464	4,464
06-Dec-17	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	22.82	AUD	ORD	-712	-712
06-Dec-17 06-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	420	420
					ORD		
06-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD		700	700
06-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	184	18
06-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	22.82	AUD	ORD	-18,976	-18,97
06-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	377	37
06-Dec-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	4,623	4,623
07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.82	AUD	ORD	4,182	4,182
07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.81	AUD	ORD	1,913	1,913
07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.81	AUD	ORD	1,315	1,315
07-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	5,560	5,560
07-Dec-17	BlackRock Advisors, LLC	on mkt buy	22.81	AUD	ORD	6,139	6,13
07-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.81	AUD	ORD	937	937
07-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	22.81	AUD	ORD	2,013	2,013
07-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.81	AUD	ORD	6,968	6,968
07-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.81	AUD	ORD	2,201	2,20
07-Dec-17	BlackRock Investment Management, LLC	-	22.81	AUD	ORD	899	899
07-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.81	AUD	ORD	1,079	1,079
07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.81	AUD	ORD	19,026	19,020
07-Dec-17	BlackRock Institutional Trust Company, National Association BlackRock Financial Management, Inc.	on mkt buy	22.81	AUD	ORD	2,278	2,278
07-Dec-17 07-Dec-17	BlackRock Advisors, LLC	on mkt buy on mkt buy	22.81	AUD	ORD	6,564	6,564
07-Dec-17 07-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	22.81	AUD	ORD	9,837	9,83
07-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.81	AUD	ORD	5,849	5,84
07-Dec-17	National Association BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	6,667	6,66
07-Dec-17 07-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	5,030	5,03
07-Dec-17 07-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.81	AUD	ORD	5,030	5,030
07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.81	AUD	ORD	6,104	6,104
07-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	22.80	AUD	ORD	1,463	1,463
07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.80	AUD	ORD	4,171	4,171
07-Dec-17	BlackRock International Limited	on mkt buy	22.80	AUD	ORD	6,265	6,265

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07-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.71	AUD	ORD	28,107	28,10
07-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	22.71	AUD	ORD	744	74
07-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	22.71	AUD	ORD	246	24
07-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	610	61
07-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	377	37
08-Dec-17	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	4,238	4,23
08-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.96	AUD	ORD	7,184	7,18
08-Dec-17	BlackRock Asset Management North Asia Limited	on mkt buy	22.97	AUD	ORD	259	25
08-Dec-17	BlackRock Financial Management, Inc.	on mkt sell	22.99	AUD	ORD	-21,799	-21,79
08-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.95	AUD	ORD	404	40
08-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.02	AUD	ORD	893	89
08-Dec-17	BlackRock Investment Management, LLC	on mkt sell	23.02	AUD	ORD	-1,198	-1,19
08-Dec-17	BlackRock Investment Management	on mkt buy	23.02	AUD	ORD	2,966	2,96
00 D- 17	(Australia) Limited		00.00	4115	055	0.070	0.07
08-Dec-17	BlackRock Advisors, LLC BlackRock Fund Advisors	on mkt buy	23.02	AUD AUD	ORD ORD	2,878	2,87
08-Dec-17 08-Dec-17	BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	1,116 1,674	1,11 1,67
08-Dec-17 08-Dec-17	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	2,626	2,62
08-Dec-17	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	9,617	9,61
11-Dec-17	Limited BlackRock Investment Management, LLC	on mkt buy	23.00	AUD	ORD	1,153	1,15
11-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	22.83	AUD	ORD	5,899	5,89
11-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	22.83	AUD	ORD	1,645	1,64
	National Association						
11-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	22.83	AUD	ORD	-1,117	-1,11
11-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	22.83	AUD	ORD	2,599	2,59
11-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	22.83	AUD	ORD	-1,117	-1,11
11-Dec-17	BlackRock Advisors (UK) Limited BlackRock Fund Advisors	on mkt buy	22.83	AUD AUD	ORD ORD	281	28
11-Dec-17 11-Dec-17	BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	<u>355</u> 1,896	35 1,89
12-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	7,399	7,39
12-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	1,746	1,74
12-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	2,916	2,91
12-Dec-17	National Association BlackRock Financial Management, Inc.	on mkt buy	22.72	AUD	ORD	44	4
	<b>-</b>						
12-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.04	AUD	ORD	6,410	6,41
12-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.04	AUD	ORD	1,580	1,58
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	22.72	AUD	ORD	132	13
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	1,808	1,80
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	1,266	1,26
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	9,089	9,08
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	1,974	1,97
12-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.04	AUD	ORD	720	72
12-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.04	AUD	ORD	12,497	12,49
12-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.04	AUD	ORD	7,620	7,62
12-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.04	AUD	ORD	606	60
12-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.04	AUD	ORD	715	71
12-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.04	AUD	ORD	4,426	4,42
12-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.04	AUD	ORD	2,487	2,48
12-Dec-17 12-Dec-17	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt buy on mkt buy	23.04 23.04	AUD AUD	ORD ORD	<u>4,456</u> 1,451	4,45 1,45
40.5							
12-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.04	AUD	ORD	3,095	3,09

ate of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and n securities	Person's votes affected	
12-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.04	AUD	ORD	8,100	8,10
12-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.04	AUD	ORD	2,700	2,70
12-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.04	AUD	ORD	1,303	1,30
12-Dec-17	BlackRock Investment Management (UK)	on mkt buy	23.04	AUD	ORD	1,445	1,44
12-Dec-17	Limited BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	1,384	1,38
12-Dec-17	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	22,316	22,31
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	380	38
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	3,630	3,63
12-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.04	AUD	ORD	7,472	7,47
12-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.04	AUD	ORD	908	90
12-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	10,866	10,86
12-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	2,675	2,67
12-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	7,074	7,07
12-Dec-17	National Association BlackRock Investment Management (UK) Limited	on mkt buy	23.04	AUD	ORD	3,691	3,69
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	8,301	8,30
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	6,143	6,14
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	10,191	10,19
12-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.04	AUD	ORD	1,029	1,0
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	1,210	1,2
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	8,436	8,43
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	3,184	3,18
12-Dec-17	BlackRock Investment Management (UK) Limited	on mkt sell	22.80	AUD	ORD	-2,546	-2,54
12-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.05	AUD	ORD	2,111	2,1
12-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.05	AUD	ORD	6,361	6,30
12-Dec-17	BlackRock International Limited	on mkt buy	23.05	AUD	ORD	10,425	10,4
12-Dec-17	BlackRock Asset Management North Asia Limited	on mkt buy	23.12	AUD	ORD	562	5
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.12	AUD	ORD	4,452	4,4
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.12	AUD	ORD	433	4
12-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.12	AUD	ORD	9,069	9,0
12-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,348	2,3
12-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,696	4,6
12-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,280	-12,2
13-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.00	AUD	ORD	5,106	5,1
13-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.01	AUD	ORD	8,443	8,4
13-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.01	AUD	ORD	1,523	1,5
13-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.01	AUD	ORD	1,565	1,5
13-Dec-17	BlackRock Asset Management North Asia Limited		23.01	AUD	ORD	211	2
13-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	22.90	AUD	ORD	238	2
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.18	AUD	ORD	448	4
10 B 17	BlackRock Investment Management	on mkt buy	23.16	AUD	ORD	7,166	7,10
13-Dec-17	(Australia) Limited						
13-Dec-17 13-Dec-17 13-Dec-17	(Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt buy	22.95 23.20	AUD AUD	ORD ORD	-1,117 2,660	-1,1

Date of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	CCY	Class and securities		Person's votes affected
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.20	AUD	ORD	1,223	1,223
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.20	AUD	ORD	40,798	40,798
13-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	588	58
13-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,220	-1,220
13-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,368	-7,36
13-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,348	2,34
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.20	AUD	ORD	-109,034	-109,034
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.20	AUD	ORD	109,034	109,034
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.20	AUD	ORD	-72,988	-72,98
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	5,071	5,07
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,097	1,09
14-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.27	AUD	ORD	1,039	1,03
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.27	AUD	ORD	2,897	2,89
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,217	1,21
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.30	AUD	ORD	4,483	4,48
14-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.30	AUD	ORD	2,095	2,09
14-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	894	894
14-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.30	AUD	ORD	1,348	1,34
14-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	5,545	5,54
14-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	1,863	1,86
14-Dec-17	BlackRock International Limited	on mkt buy	23.27	AUD	ORD	3,660	3,66
14-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.30	AUD	ORD	995	99
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	11,770	11,77
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	2,124	2,12
14-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	6,474	6,47
14-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.30	AUD	ORD	633	63
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	8,415	8,41
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,141	1,14
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	4,919	4,91
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.30	AUD	ORD	3,062	3,06
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.30	AUD	ORD	3,008	3,00
14-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	1,036	1,03
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	6,627	6,62
14-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	2,240	2,24
14-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.49	AUD	ORD	373,707	373,70
14-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.23	AUD	ORD	-3,899	-3,89
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.32	AUD	ORD	-5,585	-5,58
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.10	AUD	ORD	-195,475	-195,47
14-Dec-17	BlackRock Advisors (UK) Limited	collateral tra		AUD	ORD	59,387	59,38
14-Dec-17	BlackRock Investment Management (UK) Limited	collateral tra		AUD	ORD	3,339	3,33
14-Dec-17	BlackRock Asset Management North Asia Limited			AUD	ORD	627	62
15-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.29	AUD	ORD	1,385	1,38
15-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	4,685	4,68
15-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.30	AUD	ORD	12,976	12,97
15-Dec-17	BlackRock International Limited	on mkt buy	23.30	AUD	ORD	2,876	2,876

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
15-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	13,499	13,499
15-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.30	AUD	ORD	8,487	8,48
15-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.30	AUD	ORD	5,115	5,11
15-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,632	1,632
15-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.30	AUD	ORD	1,638	1,63
15-Dec-17	BlackRock Financial Management, Inc.	on mkt sell	23.28	AUD	ORD	-16,032	-16,03
15-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.28	AUD	ORD	4,969	4,96
15-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.28	AUD	ORD	-4,468	-4,46
15-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.28	AUD	ORD	-510	-51
15-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.28	AUD	ORD	501	50
15-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.28	AUD	ORD	7,576	7,57
15-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.28	AUD	ORD	132,797	132,79
15-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.28	AUD	ORD	67	6
15-Dec-17	BlackRock Fund Advisors	on mkt sell	23.28	AUD	ORD	-966	-96
15-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.28	AUD	ORD	398	39
15-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.28	AUD	ORD	2,357	2,35
15-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.28	AUD	ORD	1,750	1,75
15-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.28	AUD	ORD	5,587	5,58
15-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.28	AUD	ORD	757	75
15-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.28	AUD	ORD	4,448	4,44
15-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	355	35
15-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,824	-9,82
15-Dec-17	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD	6,164	6,16
15-Dec-17 15-Dec-17	BlackRock Advisors (UK) Limited	in specie collateral transfer	n/a n/a	AUD	ORD	4,623	4,62 -35,79
15-Dec-17 15-Dec-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-30	-35,79
15-Dec-17	Limited BlackRock Asset Management North Asia		n/a	AUD	ORD	-30	-5
18-Dec-17	Limited BlackRock Investment Management	on mkt sell	23.39	AUD	ORD	-2,912	-2,91
	(Australia) Limited BlackRock Advisors (UK) Limited			AUD			
18-Dec-17 18-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell on mkt buy	23.41 23.36	AUD	ORD ORD	-4,472 7,798	-4,47
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-1,118	-1,11
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-5,590	-5,59
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	1,786	1,78
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	1,397	1,39
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	1,276	1,27
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	1,732	1,73
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	1,330	1,33
18-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,285	6,28
18-Dec-17 18-Dec-17	BlackRock Advisors, LLC BlackRock Fund Advisors	on mkt sell in specie	23.38 n/a	AUD AUD	ORD ORD	-340 -17,700	-34 -17,70
18-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,640	-3,64
18-Dec-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,547	-3,54
18-Dec-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-725	-72
18-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,515	-12,51
18-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,429	-2,42
18-Dec-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-43	-4
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.73	AUD	ORD	-4,954	-4,95
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.63	AUD	ORD	351	35
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.77	AUD	ORD	4,381	4,38

Date of Change	Person whose relevant interest changed	Consideratio	of change (6) / n given in relation to nange (7)	CCY	Class and n securities		Person's votes affected
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	1,495	1,49
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	270	270
19-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.72	AUD	ORD	452	452
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	386	386
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.72	AUD	ORD	870	870
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.72	AUD	ORD	154	154
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.72	AUD	ORD	1,607	1,60
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.72	AUD	ORD	127	12
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.72	AUD	ORD	1,062	1,062
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.72	AUD	ORD	533	533
19-Dec-17	BlackRock Asset Management North Asia Limited	on mkt buy	23.66	AUD	ORD	406	406
19-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.72	AUD	ORD	468	468
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.72	AUD	ORD	208	208
19-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.72	AUD	ORD	350	350
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.72	AUD	ORD	1,183	1,183
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.72	AUD	ORD	382	382
19-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.72	AUD	ORD	246	246
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	4,040	4,040
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	57	57
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	512	512
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.72	AUD	ORD	1,157	1,157
40 Day 47	Disak Desk Advisers LLC	on malet hune	00.70		000	000	0.00
19-Dec-17 19-Dec-17	BlackRock Advisors, LLC BlackRock Institutional Trust Company,	on mkt buy on mkt buy	23.72 23.72	AUD AUD	ORD ORD	222	222
19-Dec-17	National Association	On thirt buy	23.12	AUD	ORD	2,694	2,694
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	395	395
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	1,012	1,012
19-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.72	AUD	ORD	641	64′
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.72	AUD	ORD	799	799
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.72	AUD	ORD	585	585
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.72	AUD	ORD	1,728	1,728
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.72	AUD	ORD	312	312
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	204	204
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	2,221	2,22
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	903	903
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.73	AUD	ORD	227	227
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.73	AUD	ORD	636	636
19-Dec-17	BlackRock International Limited	on mkt buy	23.73	AUD	ORD	731	73′
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	2,873	2,873
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	961	961
19-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.77	AUD	ORD	1,610	1,610
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	1,375	1,375
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.77	AUD	ORD	3,100	3,100
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.77	AUD	ORD	548	548
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.77	AUD	ORD	5,728	5,728
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.77	AUD	ORD	451	45
10 0 17	Disak Daak Janan Ca. Ltd	on malet hund	00.77		000	0.700	3,786
19-Dec-17	BlackRock Japan Co., Ltd.	on mkt buy	23.77	AUD AUD	ORD ORD	3,786	3,700

Date of Change	Person whose relevant interest changed	Nature of c Consideration giv chang	ven in relation to	ССҮ	Class and r securities		Person's votes affected
19-Dec-17	BlackRock Asset Management North Asia Limited	on mkt buy	23.77	AUD	ORD	782	782
19-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.77	AUD	ORD	1,666	1,66
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.77	AUD	ORD	742	74
19-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.77	AUD	ORD	1,248	1,248
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.77	AUD	ORD	4,215	4,21
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.77	AUD	ORD	1,363	1,36
			23.11			1,303	
19-Dec-17	BlackRock Investment Management, LLC	on mkt buy	23.77	AUD	ORD	875	87
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	14,401	14,40
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	1,824	1,82
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.77	AUD	ORD	4,125	4,12
19-Dec-17	BlackRock Advisors, LLC	on mkt buy	23.77	AUD	ORD	790	79
19-Dec-17	BlackRock Institutional Trust Company,	on mkt buy	23.77	AUD	ORD	9,601	9,60
19-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.77	AUD	ORD	1,407	1,40
19-Dec-17	National Association BlackRock Institutional Trust Company,	on mkt buy	23.77	AUD	ORD	3,606	3,60
19-Dec-17	National Association BlackRock Investment Management (UK)	on mkt buy	23.77	AUD	ORD	2,284	2,28
19-Dec-17	Limited BlackRock Advisors (UK) Limited	on mkt buy	23.77	AUD	ORD	2,848	2,84
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.77	AUD	ORD	2,040	2,04
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.77	AUD	ORD	6,158	6,15
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.77	AUD	ORD	1,113	1,11
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	729	72
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	7,917	7,91
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	3,217	3,21
19-Dec-17	BlackRock Financial Management, Inc.	on mkt buy	23.77	AUD	ORD	881	88
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	2,468	2,46
19-Dec-17	BlackRock International Limited	on mkt buy	23.77	AUD	ORD	2,838	2,83
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.77	AUD	ORD	221	22
19-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	23.83	AUD	ORD	739	73
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.70	AUD	ORD	894	89
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.70	AUD	ORD	-705	-70
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.70	AUD	ORD	-1,656	-1,65
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.70	AUD	ORD	319	31
19-Dec-17	BlackRock Fund Advisors	on mkt sell	23.70	AUD	ORD	-7,725	-7,72
19-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.70	AUD	ORD	-2,166	-2,16
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.70	AUD	ORD	2,012	2,01
19-Dec-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,849	3,84
19-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,623	4,62
19-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,391	-4,39
19-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,560	-24,56
19-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	649,553	649,55
19-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-880	-88
19-Dec-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-597	-59
20-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.74	AUD	ORD	2,807	2,80
20-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.74	AUD	ORD	6,553	6,55
20-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.74	AUD	ORD	1,545	1,54
20-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.74	AUD	ORD	1,544	1,54

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		ССҮ	Class and securities	Person's votes affected	
20-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.72	AUD	ORD	-1,116	-1,11
20-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.72	AUD	ORD	-665	-66
20-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	23.72	AUD	ORD	-303	-30
20-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.72	AUD	ORD	2,306	2,300
20-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.72	AUD	ORD	6,345	6,34
20-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	7,574	7,574
20-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.72	AUD	ORD	1,981	1,981
20-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
20-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	423,420	423,42
20-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-653,910	-653,91
21-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	AUD	ORD	-5,074	-5,07
21-Dec-17	BlackRock Japan Co., Ltd.	on mkt sell	24.15	AUD	ORD	-781	-78
21-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	24.15	AUD	ORD	2,718	2,71
21-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,140	4,14
21-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,395	1,39
21-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,674	1,67
21-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	935	93
21-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
21-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	233,620	233,62
22-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	24.10	AUD	ORD	16,228	16,22
22-Dec-17	BlackRock Financial Management, Inc.	on mkt sell	23.93	AUD	ORD	-63,979	-63,97
22-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	23.83	AUD	ORD	2,016	2,01
22-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.83	AUD	ORD	1,113	1,11
22-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.83	AUD	ORD	281	28
22-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,194	-7,19
22-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,890	7,89
22-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	916	91
22-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	40,084	40,084
25-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-664,930	-664,93
25-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,718	-6,71
25-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-916	-91
25-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,084	-40,08
26-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	405,910	405,91
26-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,718	6,71
26-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	866	86
26-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	37,910	37,91
27-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,348	2,34
27-Dec-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.80	AUD	ORD	-2,728	-2,72
27-Dec-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.80	AUD	ORD	-1,182	-1,18
27-Dec-17	BlackRock Asset Management North Asia Limited	on mkt buy	24.04	AUD	ORD	3,701	3,70
27-Dec-17	BlackRock Fund Advisors	on mkt buy	23.90	AUD	ORD	6,611	6,61
27-Dec-17	BlackRock Fund Advisors	on mkt buy	23.90	AUD	ORD	6,255	6,25
27-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.90	AUD	ORD	-3,125	-3,12
27-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,625	7,62
27-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	355	35
27-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,656	-9,65
27-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,295	-4,29
27-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-397,138	-397,13
27-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	15,370	15,37
27-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-187	-18
27-Dec-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	62,283	62,28
27-Dec-17	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	155,265	155,26

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
27-Dec-17	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	19,989	19,98
28-Dec-17	BlackRock Financial Management, Inc.	on mkt sell	23.96	AUD	ORD	-22,897	-22,89
28-Dec-17	BlackRock Investment Management	on mkt sell	23.97	AUD	ORD	-5,027	-5,02
28-Dec-17	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	23.97	AUD	ORD	-2,393	-2,39
28-Dec-17	BlackRock Investment Management	on mkt sell	23.97	AUD	ORD	-3,771	-3,77
28-Dec-17	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	23.97	AUD	ORD	-446	-44
28-Dec-17	National Association BlackRock Advisors (UK) Limited	on mkt buy	23.93	AUD	ORD	893	89
28-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.93	AUD	ORD	893	89
28-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.93	AUD	ORD	560	56
28-Dec-17	BlackRock Investment Management	on mkt sell	23.93	AUD	ORD	-584	-58
	(Australia) Limited						
28-Dec-17	BlackRock Asset Management Canada Limited	on mkt sell	23.93	AUD	ORD	-457	-4
28-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.93	AUD	ORD	-2,094	-2,09
28-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	214	2
28-Dec-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,772	-8,7
28-Dec-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	641,672	641,6
28-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	· · ·
28-Dec-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-62,283	-62,2
28-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-163,476	-163,4
28-Dec-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-19,989	-19,9
29-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	AUD	ORD	-4,464	-4,4
29-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.68	AUD	ORD	-4,826	-4,8
29-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.70	AUD	ORD	1,395	1,3
29-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	23.70	AUD	ORD	2,790	2,7
29-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	AUD	ORD	-8,947	-8,9
29-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy	23.70	AUD	ORD	848	8
29-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.70	AUD	ORD	2,144	2,1
29-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	23.70	AUD	ORD	569	5
29-Dec-17	BlackRock Investment Management (UK) Limited	on mkt sell	23.70	AUD	ORD	-1,804	-1,8
29-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.70	AUD	ORD	-5,758	-5,7
29-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.70	AUD	ORD	-21,478	-21,4
29-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt sell	23.70	AUD	ORD	-852	-8
29-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,828	-4,8
29-Dec-17 29-Dec-17	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD AUD	ORD ORD	847 25,555	8 25,5
29-Dec-17	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-25,555	-25,5
29-Dec-17	National Association BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-657,042	-657,0
29-Dec-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	140,181	140,1
29-Dec-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	513,219	513,2
29-Dec-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,030	1,0
01-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-140,180	-140,1
01-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-513,219	-513,2
01-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,031	-1,0
02-Jan-18	BlackRock Investment Management	on mkt buy	23.57	AUD	ORD	1,202	1,2

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02-Jan-18         Bi           02-Jan-18         Bi           02-Jan-18         Bi           02-Jan-18         Bi           02-Jan-18         Bi           02-Jan-18         Bi           03-Jan-18         Bi           04-Jan-18         Bi <th>AlackRock Institutional Trust Company, Jational Association     BlackRock Financial Management, Inc.     BlackRock Investment Management, LLC     BlackRock Investment Management (UK) imited     BlackRock Asset Management North Asia imited     BlackRock Investment Management (UK) imited     BlackRock Investment Management Australia) Limited     BlackRock Fund Advisors     BlackRock Fund Advisors     BlackRock Financial Management, Inc.     BlackRock Investment Management, LLC     BlackRock Investment Management (UK) imited     BlackRock Investment Management (UK) imited     BlackRock Investment Management, LLC     BlackRock Investment Management, UK)     imited     BlackRock Investment Management, UK)     imited     BlackRock Investment Management (UK)     imited     BlackRock Investment Management, UC)     BlackRock Investment Management, UC     BlackRock In</th> <th>collateral transfer collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie</th> <th>n/a n/a 23.45 23.38 23.45 23.45 23.45 23.45 23.45 n/a n/a n/a n/a n/a n/a n/a n/a</th> <th>AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD</th> <th>ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD</th> <th>139,772 511,118 1,029 -864 -414 -320 -159 7,625 377 646,938 -37,289 -81,741</th> <th>139,772 511,118 1,029 -864 -414 -320 -159 7,629 377 646,938 -37,289 -81,74</th>	AlackRock Institutional Trust Company, Jational Association     BlackRock Financial Management, Inc.     BlackRock Investment Management, LLC     BlackRock Investment Management (UK) imited     BlackRock Asset Management North Asia imited     BlackRock Investment Management (UK) imited     BlackRock Investment Management Australia) Limited     BlackRock Fund Advisors     BlackRock Fund Advisors     BlackRock Financial Management, Inc.     BlackRock Investment Management, LLC     BlackRock Investment Management (UK) imited     BlackRock Investment Management (UK) imited     BlackRock Investment Management, LLC     BlackRock Investment Management, UK)     imited     BlackRock Investment Management, UK)     imited     BlackRock Investment Management (UK)     imited     BlackRock Investment Management, UC)     BlackRock Investment Management, UC     BlackRock In	collateral transfer collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie	n/a n/a 23.45 23.38 23.45 23.45 23.45 23.45 23.45 n/a n/a n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	139,772 511,118 1,029 -864 -414 -320 -159 7,625 377 646,938 -37,289 -81,741	139,772 511,118 1,029 -864 -414 -320 -159 7,629 377 646,938 -37,289 -81,74
02-Jan-18         Bi           02-Jan-18         Bi           02-Jan-18         Bi           03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management North Asia imited BlackRock Investment Management (UK) imited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Financial Management, Inc. BlackRock Investment Management, Inc. BlackRock Investment Management (UK) imited BlackRock Investment Management (UK) imited BlackRock Investment Management (UK) imited BlackRock Investment Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Investment Management, LLC</td> <td>collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a 23.45 23.38 23.45 23.45 23.45 n/a n/a n/a n/a n/a n/a n/a n/a n/a</td> <td>AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD</td> <td>511,118 1,029 -864 -414 -320 -159 7,625 377 646,938 -37,289 -81,741</td> <td>511,111 1,029 -864 -414 -320 -159 7,629 377 646,938 -37,289 -81,74</td>	BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management North Asia imited BlackRock Investment Management (UK) imited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Financial Management, Inc. BlackRock Investment Management, Inc. BlackRock Investment Management (UK) imited BlackRock Investment Management (UK) imited BlackRock Investment Management (UK) imited BlackRock Investment Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Investment Management, LLC	collateral transfer collateral transfer on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a 23.45 23.38 23.45 23.45 23.45 n/a n/a n/a n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	511,118 1,029 -864 -414 -320 -159 7,625 377 646,938 -37,289 -81,741	511,111 1,029 -864 -414 -320 -159 7,629 377 646,938 -37,289 -81,74
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03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Asset Management North Asia imited BlackRock Investment Management (UK) imited BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC</td> <td>on mkt sell on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>23.38 23.45 23.45 n/a n/a n/a n/a n/a n/a n/a n/a</td> <td>AUD AUD AUD AUD AUD AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD ORD ORD ORD ORD ORD</td> <td>-414 -320 -159 7,625 377 646,938 -37,289 -81,741</td> <td>-41- -32 -15 7,62: 37 646,93 -37,28 -81,74</td>	BlackRock Asset Management North Asia imited BlackRock Investment Management (UK) imited BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC	on mkt sell on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	23.38 23.45 23.45 n/a n/a n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD	-414 -320 -159 7,625 377 646,938 -37,289 -81,741	-41- -32 -15 7,62: 37 646,93 -37,28 -81,74
03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Investment Management (UK) imited BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Investment Management, ILC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Investment Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC</td> <td>on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>23.45 23.45 </td> <td>AUD AUD AUD AUD AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD ORD ORD ORD ORD</td> <td>-320 -159 7,625 377 646,938 -37,289 -81,741</td> <td>-32/ -15 7,62 37 646,93 -37,28 -37,28</td>	BlackRock Investment Management (UK) imited BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Investment Management, ILC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Investment Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC	on mkt sell on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	23.45 23.45 	AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD	-320 -159 7,625 377 646,938 -37,289 -81,741	-32/ -15 7,62 37 646,93 -37,28 -37,28
03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management, ILC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Investment Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC</td> <td>on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>23.45 </td> <td>AUD AUD AUD AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD ORD ORD ORD</td> <td>-159 7,625 377 646,938 -37,289 -81,741</td> <td>-15 7,62 37 646,93 -37,28 -81,74</td>	BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management, ILC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Investment Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC	on mkt sell in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	23.45 	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD	-159 7,625 377 646,938 -37,289 -81,741	-15 7,62 37 646,93 -37,28 -81,74
(A 03-Jan-18 Bi 03-Jan-18 Bi 03-Jan-18 Bi 03-Jan-18 Bi 03-Jan-18 Bi 03-Jan-18 Bi 03-Jan-18 Bi 04-Jan-18 Bi	Australia) Limited BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Investment Management, ILC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Investment Management, LLC BlackRock Investment Management, ULC BlackRock Investment Management (UK)	in specie in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	7,625 377 646,938 -37,289 -81,741	7,62 37 646,93 -37,28 -81,74
03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a n/a n/a n/a n/a</td> <td>AUD AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD ORD</td> <td>377 646,938 -37,289 -81,741</td> <td>37 <u>646,93</u> -37,28 -81,74</td>	BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	377 646,938 -37,289 -81,741	37 <u>646,93</u> -37,28 -81,74
03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a n/a n/a n/a n/a</td> <td>AUD AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD ORD</td> <td>377 646,938 -37,289 -81,741</td> <td>37 646,93 -37,28 -81,74</td>	BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	in specie collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	377 646,938 -37,289 -81,741	37 646,93 -37,28 -81,74
03-Jan-18         Bi           03-Jan-18         Bi           03-Jan-18         Bi           03-Jan-18         Bi           03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a n/a n/a n/a</td> <td>AUD AUD AUD AUD</td> <td>ORD ORD ORD ORD</td> <td>646,938 -37,289 -81,741</td> <td>646,93 -37,28 -81,74</td>	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	collateral transfer collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a n/a n/a n/a	AUD AUD AUD AUD	ORD ORD ORD ORD	646,938 -37,289 -81,741	646,93 -37,28 -81,74
03-Jan-18         Bi           03-Jan-18         Bi           03-Jan-18         Bi           03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a n/a n/a</td> <td>AUD AUD AUD</td> <td>ORD ORD ORD</td> <td>-37,289 -81,741</td> <td>-37,28 -81,74</td>	BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	collateral transfer collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a n/a n/a	AUD AUD AUD	ORD ORD ORD	-37,289 -81,741	-37,28 -81,74
03-Jan-18         Bi           03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>collateral transfer collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a n/a</td> <td>AUD</td> <td>ORD</td> <td>-81,741</td> <td>-81,74</td>	BlackRock Investment Management, LLC BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	collateral transfer collateral transfer in specie on mkt buy on mkt buy	n/a n/a n/a	AUD	ORD	-81,741	-81,74
03-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>collateral transfer in specie on mkt buy on mkt buy</td> <td>n/a n/a</td> <td>AUD</td> <td>ORD</td> <td></td> <td>,</td>	BlackRock Investment Management (UK) imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	collateral transfer in specie on mkt buy on mkt buy	n/a n/a	AUD	ORD		,
Lin 04-Jan-18 Bi 04-Jan-18 B	imited BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	in specie on mkt buy on mkt buy	n/a			-258	-25
04-Jan-18         Bi           04-Jan-18         Bi <td>BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>on mkt buy on mkt buy</td> <td></td> <td>AUD</td> <td></td> <td></td> <td></td>	BlackRock Asset Management Canada imited BlackRock Asset Management North Asia imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	on mkt buy on mkt buy		AUD			
Lin           04-Jan-18         Bi           04-Jan-18         Bi      04-Jan-18 <td>imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)</td> <td>on mkt buy</td> <td>23.56</td> <td></td> <td>ORD</td> <td>4,089</td> <td>4,08</td>	imited BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Iational Association BlackRock Investment Management (UK)	on mkt buy	23.56		ORD	4,089	4,08
04-Jan-18         Bi           04-Jan-18         Bi      04-Jan-18         Bi <tr< td=""><td>BlackRock Institutional Trust Company, Jational Association BlackRock Investment Management (UK)</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td>AUD</td><td>ORD</td><td>1,457</td><td>1,45</td></tr<>	BlackRock Institutional Trust Company, Jational Association BlackRock Investment Management (UK)	· · · · · · · · · · · · · · · · · · ·		AUD	ORD	1,457	1,45
Na           04-Jan-18         Bi           04-Jan-18         Bi      04-Jan-18 <td>lational Association BlackRock Investment Management (UK)</td> <td>on mkt buy</td> <td>23.10</td> <td>AUD</td> <td>ORD</td> <td>591</td> <td>59</td>	lational Association BlackRock Investment Management (UK)	on mkt buy	23.10	AUD	ORD	591	59
Lin 04-Jan-18 Bi 04-Jan-18 B	<b>o</b> ( )		23.10	AUD	ORD	2,653	2,65
04-Jan-18         Bi	imited	on mkt buy	23.10	AUD	ORD	1,156	1,15
Na           04-Jan-18         Bi	BlackRock Financial Management, Inc.	on mkt buy	23.10	AUD	ORD	553	55
04-Jan-18         Bi	BlackRock Institutional Trust Company, Jational Association	on mkt sell	23.09	AUD	ORD	-747	-74
04-Jan-18         Bi	BlackRock Advisors (UK) Limited	on mkt buy	22.96	AUD	ORD	700	70
04-Jan-18         Bi	BlackRock Advisors, LLC	on mkt sell	22.96	AUD	ORD	-9,739	-9,73
04-Jan-18         Bi	BlackRock Fund Advisors	on mkt buy	22.96	AUD	ORD	5,496	5,49
04-Jan-18         Bi	BlackRock Advisors (UK) Limited	on mkt buy	22.96	AUD	ORD	2,820	2,82
04-Jan-18         Bi	BlackRock Advisors (UK) Limited	on mkt sell	22.96	AUD	ORD	-3,344	-3,34
04-Jan-18         Bi	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	428	42
04-Jan-18 Bl 04-Jan-18 Bl 04-Jan-18 Bl 04-Jan-18 Bl 04-Jan-18 Bl	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,480	12,48
04-Jan-18 Bl 04-Jan-18 Bl 04-Jan-18 Bl 04-Jan-18 Bl	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-843	-84
04-Jan-18 Bla 04-Jan-18 Bla 04-Jan-18 Bla	BlackRock Investment Management, LLC	on mkt sell	22.94	AUD	ORD	-6,984	-6,98
04-Jan-18 Bl 04-Jan-18 Bl	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,696	4,69
04-Jan-18 Bl	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-200	-20 -646,93
04-Jan-18 Bl	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-646,938 21,635	-646,93 21,63
04-Jan-18 Bl	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	90,435	90,43
	BlackRock Investment Management (UK) imited	collateral transfer	n/a	AUD	ORD	164	16
	BlackRock Advisors (UK) Limited	on mkt buy	23.19	AUD	ORD	1,113	1,11
	BlackRock Advisors (UK) Limited	on mkt buy	23.08	AUD	ORD	280	28
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,860	2,86
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
05-Jan-18 Bl	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,828	4,82
05-Jan-18 Bl	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	350	35
05-Jan-18 Bl	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,091	1,09
		collateral transfer	n/a	AUD	ORD	4	
08-Jan-18 Bl	BlackRock Investment Management (UK)	on mkt sell	23.02	AUD	ORD	-4,913	-4,91
	imited BlackRock Institutional Trust Company,				000	0.000	0.00
08-Jan-18 Bla 08-Jan-18 Bla	imited	on mkt buy	23.06	AUD	ORD ORD	2,232 1,295	2,23

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
08-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.06	AUD	ORD	4,011	4,01
08-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	754	75
08-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	377	37
08-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,675	4,67
08-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	754	75
08-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,566	2,56
08-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10,506	-10,50
08-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-19	-1
09-Jan-18	BlackRock Investment Management (UK) Limited	on mkt sell	22.93	AUD	ORD	-17,589	-17,58
09-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	22.74	AUD	ORD	-2,270	-2,27
09-Jan-18	BlackRock International Limited	on mkt sell	22.74	AUD	ORD	-1,800	-1,80
09-Jan-18	BlackRock Advisors, LLC	on mkt buy	22.73	AUD	ORD	2,983	2,98
09-Jan-18	BlackRock Advisors, LLC	on mkt buy	22.73	AUD	ORD	799	79
09-Jan-18			22.73	AUD	ORD		
	BlackRock Institutional Trust Company, National Association	on mkt buy				10,578	10,57
09-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.73	AUD	ORD	927	92
09-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.73	AUD	ORD	9,770	9,77
09-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.73	AUD	ORD	2,073	2,07
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.74	AUD	ORD	-2,169	-2,16
09-Jan-18	BlackRock Institutional Trust Company,	on mkt sell	22.74	AUD	ORD	-24,420	-2,10
09-Jan-18	National Association BlackRock Institutional Trust Company,	on mkt sell	22.74	AUD	ORD	-844	-84
09-Jan-18	National Association BlackRock Financial Management, Inc.	on mkt sell	22.74	AUD	ORD	-3,642	-3,64
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.74	AUD	ORD	-2,340	-2,34
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.74	AUD	ORD	-2,275	-2,27
09-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	22.78	AUD	ORD	-961	-96
09-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.78	AUD	ORD	1,056	1,05
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	2,232	2,23
09-Jan-18	· · · · · · · · · · · · · · · · · · ·		22.66	AUD			
	BlackRock Advisors (UK) Limited	on mkt buy			ORD	716	71
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	2,682	2,68
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	185	18
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	555	55
09-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	22.66	AUD	ORD	-1,341	-1,34
00 lan 10		in annais	n/n		000	4 007	1.00
09-Jan-18 09-Jan-18	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD AUD	ORD ORD	1,287 -4,247	1,28 -4,24
	National Association						
09-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
09-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	935	93
09-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,675	4,67
09-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-127,033	-127,03
09-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-510,398	-510,39
09-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-921	-92
10-Jan-18	BlackRock Investment Management	on mkt buy	22.84	AUD	ORD	2,359	2,35
10-Jan-18	(Australia) Limited BlackRock Investment Management	on mkt buy	22.84	AUD	ORD	6,358	6,35
10-Jan-18	(Australia) Limited BlackRock Investment Management	on mkt buy	22.84	AUD	ORD	354	35
10-Jan-18	(Australia) Limited BlackRock Investment Management	on mkt buy	22.84	AUD	ORD	14,271	14,27
10-Jan-18	(Australia) Limited BlackRock Investment Management	on mkt buy	22.84	AUD	ORD	5,157	5,15
10-Jan-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	22.82	AUD	ORD	-318	-3
	National Association						
10-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.77	AUD	ORD	5,565	5,56
10-Jan-18	BlackRock Asset Management Canada Limited	on mkt buy	22.77	AUD	ORD	3,541	3,54

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
10-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.77	AUD	ORD	26,601	26,60
10-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,320	8,320
10-Jan-18	BlackRock Advisors, LLC	on mkt sell	22.75	AUD	ORD	-2,920	-2,920
10-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	
11-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.59	AUD	ORD	650	650
11-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.60	AUD	ORD	1,113	1,11:
11-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,638	8,638
11-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3	-:
11-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-
11-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.61	AUD	ORD	13,732	13,732
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.61	AUD	ORD	3,533	3,533
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.61	AUD	ORD	12,081	12,08
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.61	AUD	ORD	2,913	2,913
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.62	AUD	ORD	1,574	1,574
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-6,159	-6,159
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	22.61	AUD	ORD	-563	-563
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.61	AUD	ORD	925	92
12-Jan-18	BlackRock Advisors, LLC	on mkt buy	22.61	AUD	ORD	1,081	1,08
12-Jan-18	BlackRock Financial Management, Inc.	on mkt buy	22.59	AUD	ORD	1,804	1,804
12-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.59	AUD	ORD	555	55
12-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.59	AUD	ORD	-505	-50
12-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	22.59	AUD	ORD	-3,506	-3,50
12-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,160	4,16
12-Jan-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,151	-1,15
12-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,131	1,13
12-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,74
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.56	AUD	ORD	-2,232	-2,23
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.66	AUD	ORD	-5,585	-5,58
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.66	AUD	ORD	-4,464	-4,46
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.66	AUD	ORD	-2,232	-2,23
15-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	
15-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	23	2
16-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	22.66	AUD	ORD	-4,464	-4,46
16-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	320	32
16-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	22.66	AUD	ORD	346	34
16-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	22.66	AUD	ORD	165,993	165,993
16-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	22.66	AUD	ORD	112,981	112,98
16-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	282	28
16-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,976	14,970
16-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	754	75
16-Jan-18 16-Jan-18	BlackRock Fund Advisors BlackRock Financial Management, Inc.	in specie collateral transfer	n/a n/a	AUD AUD	ORD ORD	377 13,832	37 13,83
16-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	60	6
16-Jan-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	427	42
17-Jan-18	Limited BlackRock Financial Management, Inc.	on mkt sell	22.78	AUD	ORD	-8,337	-8,33
17-Jan-18 17-Jan-18	BlackRock Advisors, LLC BlackRock Institutional Trust Company,	on mkt sell on mkt sell	22.78 22.78	AUD AUD	ORD ORD	-23,659 -3,450	-23,659 -3,450
17-Jan-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	22.78	AUD	ORD	-2,731	-2,73

BlackRock International Limited		(7)			affected	affected
	on mkt sell	22.78	AUD	ORD	-4,751	-4,75
BlackRock Financial Management, Inc.	on mkt sell	22.78	AUD	ORD	-23,555	-23,55
BlackRock Investment Management, LLC	on mkt sell	22.78	AUD	ORD	-22,957	-22,95
BlackRock Financial Management, Inc.	on mkt sell	22.78	AUD	ORD	-9,965	-9,96
Plaak Paak Japan Ca. Ltd	on mkt coll	22.79		OPD	1 704	-1,70
BlackRock Financial Management, Inc.	on mkt sell	22.78	AUD	ORD	-1,360	-1,36
BlackRock Institutional Trust Company,	on mkt sell	22.78	AUD	ORD	-4,201	-4,20
	on mkt sell	22 78	AUD	ORD	-3 170	-3,17
BlackRock Institutional Trust Company,	on mkt buy	22.78	AUD	ORD	1,024	1,02
	on mkt sell	22 77	AUD	ORD	-4 194	-4,1
BlackRock Asset Management North Asia		22.77	AUD	ORD	-763	-7
	on mkt sell	22.22		ORD	-1 876	-1,8
BlackRock Asset Management Canada	on mkt sell	22.77	AUD	ORD	-1,696	-1,6
BlackRock Investment Management (UK)	on mkt sell	22.77	AUD	ORD	-620	-6
BlackRock Institutional Trust Company,	on mkt sell	22.77	AUD	ORD	-22,990	-22,9
BlackRock Institutional Trust Company,	on mkt sell	22.77	AUD	ORD	-1,230	-1,2
National Association BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-2,455	-2,4
						-4,4
						-3,2 8,8
National Association	-					
BlackRock Financial Management, Inc.	on mkt sell	22.77	AUD	ORD	-581	-5
BlackRock Advisors, LLC	on mkt buy	22.78	AUD	ORD	698	6
BlackRock Investment Management (UK) Limited	on mkt sell	22.78	AUD	ORD	-611	-6
						-20,0
BlackRock Investment Management	on mkt buy on mkt sell	22.78 22.78	AUD	ORD	2,788	2,7 -3,4
BlackRock Investment Management	on mkt sell	22.78	AUD	ORD	-21,878	-21,8
BlackRock Asset Management Canada	on mkt buy	22.78	AUD	ORD	717	7
Limited BlackRock Financial Management, Inc.	on mkt buy	22.78	AUD	ORD	9,021	9,0
BlackRock Fund Advisors	in specie	n/a	AUD	ORD	428	4
BlackRock Fund Advisors	in specie	n/a	AUD	ORD		3,2
BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,430	1,4
BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,992	4,9
( )		n/a				47,1
BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-103	-'
BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	12	
BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	91	
BlackRock Advisors (UK) Limited	on mkt buy	23.20	AUD	ORD	140	
BlackRock Investment Management (Australia) Limited	on mkt sell	23.20	AUD	ORD	-50,173	-50,1
BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	50,852	50,8
BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2	
BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-13,730	-13,7
BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-72	
BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-541	-5
BlackRock Asset Management Canada	in specie	n/a	AUD	ORD	1,317	1,3
Limited			=		<b>-</b>	5,2
	BlackRock Japan Co., Ltd. BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors, LLC BlackRock Advisors, LLC BlackRock Advisors, LLC 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 BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management, Inc. BlackRock Investment Management (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Financial Management (Australia) Limited BlackRock Financial Management (Australia) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, Inc. BlackRock Investment Management (UK) Limited BlackRock Investment Management (UK) Limited	BlackRock Japan Co., Ltd.       on mkt sell         BlackRock Financial Management, Inc.       on mkt sell         BlackRock Institutional Trust Company, National Association       on mkt sell         BlackRock International Limited       on mkt sell         BlackRock International Limited       on mkt sell         BlackRock Advisors (UK) Limited       on mkt sell         BlackRock Advisors (UK) Limited       on mkt sell         BlackRock Advisors, LLC       on mkt sell         BlackRock Advisors, LLC       on mkt sell         BlackRock Institutional Trust Company, National Association       on mkt sell         BlackRock Advisors (UK) Limited       on mkt sell         BlackRock Advisors, LLC       on mkt sell         BlackRock Advisors (UK) Limited       on mkt sell         BlackRock Advisors (UK) Limited       on mkt sell         BlackRock Advisors (UK) Limited       <	BlackRock Japan Co., Ltd.       on mkt sell       22.78         BlackRock Financial Management, Inc.       on mkt sell       22.78         BlackRock Institutional Trust Company,       on mkt sell       22.78         BlackRock Institutional Trust Company,       on mkt sell       22.78         BlackRock Advisors (LK) Limited       on mkt sell       22.77         BlackRock Advisors, LLC       on mkt sell       22.77         BlackRock Advisors, LLC       on mkt sell       22.77         BlackRock Advisors, LLC       on mkt sell       22.77         BlackRock Institutional Trust Company,       on mkt sell       22.77         BlackRock Institutional Trust Company,       on mkt sell       22.77         National Association       BlackRock Institutional Trust Company,       on mkt sell       22.77         BlackRock Institutional Trust Company,       on mkt sell       22.77         National Association       BlackRock Advisors (UK) Limited       on mkt sell       22.77         BlackRock Advisors (UK) Limited       on mkt sell       22.77         BlackRock Advisors, LLC       on mkt sell       22.77         BlackRock Advisors, UK) Limited       on mkt sell       22.78         BlackRock Advisors, UK) Limited       on mkt sell       22.78	BlackRock Japan Co., Ltd.       on mkt sell       22.78       AUD         BlackRock Financial Management, Inc.       on mkt sell       22.78       AUD         BlackRock Institutional Trust Company, National Association       on mkt sell       22.78       AUD         BlackRock Institutional Trust Company, National Association       on mkt sell       22.77       AUD         BlackRock Advisors (UK) Limited       on mkt sell       22.77       AUD         BlackRock Advisors, LLC       on mkt sell       22.77       AUD         BlackRock Advisors, LLC       on mkt sell       22.77       AUD         BlackRock Institutional Trust Company, National Association       on mkt sell       22.77       AUD         BlackRock Institutional Trust Company, National Association       on mkt sell       22.77       AUD         BlackRock Institutional Trust Company, National Association       on mkt sell       22.77       AUD         BlackRock Institutional Trust Company, National Association       on mkt sell       22.77       AUD         BlackRock Advisors (UK) Limited       on mkt sell       22.77       AUD         BlackRock Advisors (UK) Limited       on mkt sell       22.77       AUD         BlackRock Advisors (UK) Limited       on mkt sell       22.77       AUD         Bl	BlackRock Japan Co., Ltd.         on mkt sell         22.78         AUD         ORD           BlackRock Financial Management, Inc.         on mkt sell         22.78         AUD         ORD           BlackRock Institutional Trust Company, National Association         on mkt sell         22.78         AUD         ORD           BlackRock Institutional Trust Company, National Association         on mkt sell         22.78         AUD         ORD           BlackRock Advisors (LVL) Limited         on mkt sell         22.77         AUD         ORD           BlackRock Advisors (LVL) Limited         on mkt sell         22.77         AUD         ORD           BlackRock Advisors, LLC         on mkt sell         22.77         AUD         ORD           BlackRock Advisors, LLC         on mkt sell         22.77         AUD         ORD           Limited         DakRock Institutional Trust Company, Insteriod         on mkt sell         22.77         AUD         ORD           BlackRock Institutional Trust Company, National Association         on mkt sell         22.77         AUD         ORD           BlackRock Advisorn (LKC) Limited         on mkt sell         22.77         AUD         ORD           BlackRock Advisorn (LKC) Limited         on mkt sell         22.77         AUD         ORD	BlackRock Japan Co., Ltd.         on mkt sell         22.78         AUD         ORD         -1.704           BlackRock Financial Management, Inc.         on mkt sell         22.78         AUD         ORD         -1.360           BlackRock Institutional Trust Company, National Association         on mkt sell         22.78         AUD         ORD         -4.201           BlackRock Institutional Trust Company, National Association         on mkt sell         22.77         AUD         ORD         -4.194           BlackRock Advisors (JK) Limited         on mkt sell         22.77         AUD         ORD         -1.876           BlackRock Advisors (JK) Limited         on mkt sell         22.77         AUD         ORD         -1.866           BlackRock Advisors (JK) Limited         on mkt sell         22.77         AUD         ORD         -1.866           BlackRock Institutional Trust Company, Initional Association         on mkt sell         22.77         AUD         ORD         -22.980           BlackRock Institutional Trust Company, Initional Association         on mkt sell         22.77         AUD         ORD         -2.2465           BlackRock Advisors (UK) Limited         on mkt sell         2.77         AUD         ORD         -2.2465           BlackRock Advisors (UK) Limited <td< td=""></td<>

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and r securities		Person's votes affected
19-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.47	AUD	ORD	1,374	1,374
19-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.47	AUD	ORD	7,204	7,204
19-Jan-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.46	AUD	ORD	-635	-63
19-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.46	AUD	ORD	-11,763	-11,763
19-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.46	AUD	ORD	-904	-904
19-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.50	AUD	ORD	555	55
19-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,488	7,48
19-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	754	75
19-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,500	2,50
19-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,696	-4,69
19-Jan-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	14,768	14,76
19-Jan-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	7,455	7,45
19-Jan-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	859	85
19-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-
22-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.32	AUD	ORD	-3,836	-3,83
22-Jan-18	BlackRock Asset Management North Asia Limited	· · · · · · · · · · · · · · · · · · ·	23.33	AUD	ORD	946	94
22-Jan-18	BlackRock Asset Management North Asia Limited	on mkt sell	23.37	AUD	ORD	-12,629	-12,62
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.23	AUD	ORD	3,351	3,35
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.23	AUD	ORD	5,585	5,58
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	2,234	2,23
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	23.23	AUD	ORD	-7,812	-7,81
22-Jan-18	BlackRock Asset Management Canada Limited	on mkt buy	23.23	AUD	ORD	717	71
22-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
22-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	57,454	57,45
22-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	50,341	50,34
22-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	50,607	50,60
23-Jan-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.42	AUD	ORD	2,363	2,36
23-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.48	AUD	ORD	10,288	10,28
23-Jan-18	BlackRock Advisors, LLC	on mkt sell	23.48	AUD	ORD	-809	-80
23-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.48	AUD	ORD	-9,048	-9,04
23-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	916	91
23-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	320	32
23-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	868	86
23-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	4,468	4,46
23-Jan-18	BlackRock (Netherlands) B.V.	on mkt buy	23.54	AUD	ORD	410	41
23-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	32,857	32,85
23-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.54	AUD	ORD	2,965	2,96
23-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.54	AUD	ORD	1,901	1,90
23-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,992	4,99
23-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
23-Jan-18 23-Jan-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-1,151 -50,341	-1,15 -50,34
23-Jan-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-50,607	-50,60
24-Jan-18	Limited BlackRock Investment Management (UK)	on mkt buy	23.86	AUD	ORD	4,750	4,75
24-Jan-18	Limited BlackRock Investment Management, LLC	on mkt buv	23.75	AUD	ORD	1,185	1,18
24-Jan-18	BlackRock Investment Management	on mkt sell	24.01	AUD	ORD	-3,272	-3,27
24-Jan-18	(Australia) Limited BlackRock Investment Management (UK)	on mkt sell	24.00	AUD	ORD	-3,272	-3,27
	Limited						
24-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.02	AUD	ORD	6,531	6,53
24-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.02	AUD	ORD	1,578	1,57
24-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.02	AUD	ORD	1,527	1,52

ate of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		ССҮ	Class and number of securities affected		Person's votes affected
24-Jan-18	BlackRock Asset Management North Asia Limited		23.98	AUD	ORD	-9,961	-9,96
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.01	AUD	ORD	2,232	2,23
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.01	AUD	ORD	2,788	2,78
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.01	AUD	ORD	666	66
24-Jan-18	BlackRock Fund Advisors	on mkt buy	24.01	AUD	ORD	5,130	5,13
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	24.01	AUD	ORD	-4,655	-4,65
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	710	71
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,480	12,48
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-100	-10
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-150	-15
24-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-187	-18
24-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	24	2
24-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	13,653	13,653
24-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	42,518	42,51
24-Jan-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	18,704	18,70
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.01	AUD	ORD	-707	-70
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	24.01	AUD	ORD	-1,882	-1,88
25-Jan-18	BlackRock Advisors, LLC	on mkt sell	24.01	AUD	ORD	-2,092	-1,88
25-Jan-18	BlackRock Financial Management, Inc.	on mkt sell	24.01	AUD	ORD	-1,040	-2,09
25-Jan-18	BlackRock Asset Management Canada Limited	on mkt sell	24.01	AUD	ORD	-804	-80
25-Jan-18	BlackRock Financial Management, Inc.	on mkt sell	24.01	AUD	ORD	-1,136	-1,13
25-Jan-18	BlackRock Investment Management, LLC	on mkt sell	24.01	AUD	ORD	-651	-65
25-Jan-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.01	AUD	ORD	-1,561	-1,56
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.01	AUD	ORD	-22,049	-22,04
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.01	AUD	ORD	-3,157	-3,15
25-Jan-18	BlackRock Financial Management, Inc.	on mkt sell	24.01	AUD	ORD	-2,206	-2,20
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.01	AUD	ORD	-992	-99
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.01	AUD	ORD	-3,042	-3,04
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	24.01	AUD	ORD	-5,546	-5,54
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	24.01	AUD	ORD	-3,438	-3,43
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.01	AUD	ORD	7,797	7,79
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.99	AUD	ORD	-2,004	-2,00
05 Jan 10	BlackRock International Limited	on mkt sell	22.00	AUD	ORD	0.040	-2,31
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.99 24.14	AUD	ORD	-2,313 282	-2,31
25-Jan-18 25-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.14	AUD	ORD	4,468	4,46
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	24.14	AUD	ORD	-700	-70
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.14	AUD	ORD	740	-70
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	24.14	AUD	ORD	-4,480	-4,48
25-Jan-18	BlackRock Investment Management	on mkt buy	24.14	AUD	ORD	1,905	1,90
25-Jan-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	24.14	AUD	ORD	-3,448	-3,44
25-Jan-18	National Association BlackRock Advisors (UK) Limited	on mkt huw	24.14	AUD	ORD	0.057	2,35
	BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	24.14	AUD	ORD	2,357 42,950	2,35 42,95
25-Jan-18 25-Jan-18	BlackRock (Netherlands) B.V.	on mkt buy	24.14	AUD	ORD	42,950	42,95
25-Jan-18	BlackRock Fund Advisors	in specie		AUD	ORD	4,160	4,16
25-Jan-18	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-25,977	-25,97
25- Jan 19	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,242	7,24
25-Jan-18	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	7,242	7,24
25-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	
25-Jan-18	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD		<u>2,80</u> 84
25-Jan-18 25-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	<u>847</u> -2	
						-	
25-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	213	21

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
25-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	244	24
25-Jan-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-456	-45
26-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,87
26-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-100,332	-100,33
26-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-677	-67
26-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-458	-48
26-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-28,698	-28,69
26-Jan-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-544	-54
29-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.35	AUD	ORD	2,234	2,23
29-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.35	AUD	ORD	1,116	1,1
29-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	24.35	AUD	ORD	434	4
29-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.35	AUD	ORD	-4,807	-4,80
29-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,008	1,0
29-Jan-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,151	1,1
29-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,8
29-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,480	7,4
29-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	155	1
29-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,093	1,0
29-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,647	6,6
29-Jan-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-855	-8
29-Jan-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-25,536	-25,5
30-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.97	AUD	ORD	-4,506	-4,5
30-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.95	AUD	ORD	4,452	4,4
30-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.95	AUD	ORD	2,234	2,2
30-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	23.95	AUD	ORD	2,682	2,6
30-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	23.95	AUD	ORD	-700	-7
30-Jan-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.95	AUD	ORD	1,836	1,8
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,240	6,2
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,320	8,3
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,575	-4,5
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,828	-4,8
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-68,625	-68,6
30-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-714	-7
30-Jan-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	684	e
30-Jan-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	29	
31-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.90	AUD	ORD	-3,058	-3,0
31-Jan-18	BlackRock Advisors, LLC	on mkt sell	23.92	AUD	ORD	-2,219	-2,2
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.92	AUD	ORD	-1,368	-1,3
31-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	23.92	AUD	ORD	-4,023	-4,0
31-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	23.92	AUD	ORD	-2,986	-2,9
31-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.89	AUD	ORD	-4,857	-4,8
31-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.89	AUD	ORD	-985	-9
31-Jan-18	BlackRock Asset Management North Asia Limited		23.90	AUD	ORD	-1,425	-1,4
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.92	AUD	ORD	1,849	1,8
31-Jan-18	BlackRock International Limited	on mkt buy	23.92	AUD	ORD	2,440	2,4
31-Jan-18	BlackRock Financial Management, Inc.	on mkt sell	23.92	AUD	ORD	-570	-5
31-Jan-18	BlackRock Investment Management	on mkt sell	23.89	AUD	ORD	-527	-5

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
31-Jan-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.92	AUD	ORD	-744	-74
31-Jan-18		on mkt buy	23.91	AUD	ORD	1,457	1,45
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.91	AUD	ORD	2,947	2,94
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.91	AUD	ORD	93	9
31-Jan-18	BlackRock Japan Co., Ltd.	on mkt buy	23.91	AUD	ORD	1,417	1,41
31-Jan-18	BlackRock Japan Co., Ltd.	on mkt buy	23.91	AUD	ORD	1,409	1,40
31-Jan-18	BlackRock Financial Management, Inc.	on mkt buy	23.91	AUD	ORD	3,063	3,06
31-Jan-18	BlackRock Financial Management, Inc.	on mkt buy	23.91	AUD	ORD	821	82
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.91	AUD	ORD	3,223	3,22
31-Jan-18	BlackRock Institutional Trust Company,	on mkt buy	23.91	AUD	ORD	67	6
31-Jan-18	National Association BlackRock Investment Management (UK)	on mkt sell	23.99	AUD	ORD	-226	-22
31-Jan-18	Limited BlackRock Institutional Trust Company,	on mkt sell	23.91	AUD	ORD	-177,777	-177,77
21 Jan 10	National Association	on mkt coll	22.00		000	400	10
31-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	23.90	AUD	ORD	-420	-42
31-Jan-18 31-Jan-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell	23.90 23.90	AUD AUD	ORD ORD	-1,960 740	-1,96 74
31-Jan-18 31-Jan-18	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt sell	23.90	AUD	ORD	-3,305	-3,30
	National Association						
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.90	AUD	ORD	-4,372	-4,37
31-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.90	AUD	ORD	-1,677	-1,67
31-Jan-18	BlackRock Asset Management Canada Limited	on mkt buy	23.90	AUD	ORD	2,875	2,87
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,560	14,56
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,488	7,48
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,888	17,88
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,480	12,48
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	29,952	29,9
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,544	24,54
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,319	4,3
31-Jan-18	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,725	-13,7
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD	-10,675	-10,6
31-Jan-18	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-3,050	-3,0
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,625	-7,6
31-Jan-18 31-Jan-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD	ORD	-16,775 -2,973	-16,7 -2,9
31-Jan-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,973 -157	-2,9
31-Jan-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,416	-1,41
31-Jan-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-4,955	-4,95
31-Jan-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-511	-5′
01-Feb-18	Limited BlackRock Advisors (UK) Limited	on mkt sell	24.20	AUD	ORD	-3,220	-3,22
01-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.45	AUD	ORD	-1,116	-1,11
01-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.45	AUD	ORD	736	73
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,560	14,56
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,160	4,10
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,312	13,3
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,240	6,2
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,725	-13,7
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,150	-9,1
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,575	-4,5
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,725	-13,7
01-Feb-18 01-Feb-18	BlackRock Fund Advisors BlackRock Investment Management (UK)	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-9,150 90,854	-9,1 90,8
	Limited	· · ·					_
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,565	-2,5
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,625	-7,6
01-Feb-18			1	41.10	000	o =o -	
01-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,599	
			n/a n/a n/a	AUD AUD AUD	ORD ORD ORD	3,599 483,912 1,601	3,59 483,91 1,60

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
01-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	231,111	231,11
01-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,349	3,349
02-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	24.49	AUD	ORD	1,277	1,27
02-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.49	AUD	ORD	3,394	3,394
02-Feb-18	BlackRock International Limited	on mkt buy	24.49	AUD	ORD	4,763	4,763
02-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.51	AUD	ORD	1,009	1,009
	BlackRock Institutional Trust Company, National Association	on mkt buy	24.51	AUD	ORD	982	982
02-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.51	AUD	ORD	3,036	3,036
02-Feb-18	BlackRock Advisors, LLC	on mkt buy	24.51	AUD	ORD	1,274	1,274
	BlackRock Asset Management Canada Limited	on mkt buy	24.51	AUD	ORD	1,099	1,099
	BlackRock Institutional Trust Company, National Association	on mkt buy	24.51	AUD	ORD	12,442	12,442
02-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	24.51	AUD	ORD	4,148	4,148
02-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	24.51	AUD	ORD	894	894
02-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.46	AUD	ORD	162	162
02-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.46	AUD	ORD	724	724
02-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.46	AUD	ORD	320	320
02-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.46	AUD	ORD	2,291	2,291
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	100
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,240	6,24
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,828	-4,82
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,395	-1,39
02-Feb-18 02-Feb-18	BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-9,150 -187,450	-9,150 -187,450
02-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	187,450	187,450
02-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,599	-3,599
02-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,586	-16,58
	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	99	99
02-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	
02-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	330	330
02-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,202	-1,202
02-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	755	75
05-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.21	AUD	ORD	3,838	3,838
05-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.21	AUD	ORD	3,351	3,35
05-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.21	AUD	ORD	370	370
05-Feb-18	BlackRock Investment Management, LLC	on mkt sell	24.21	AUD	ORD	-2,159	-2,15
05-Feb-18	BlackRock Fund Advisors	on mkt sell	24.21	AUD	ORD	-1,330	-1,330
05-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.21	AUD	ORD	-31,943	-31,94
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,840	2,84
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,319	-4,31
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,696	-4,69
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,575	-4,57
05-Feb-18 05-Feb-18	BlackRock Advisors (UK) Limited BlackRock Capital Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-3 -9	-
05-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	359	35
05-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	718	718
05-Feb-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,400	-1,400
05-Feb-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	334	334
06-Feb-18	Limited BlackRock Investment Management (Australia) Limited	on mkt sell	23.00	AUD	ORD	-3,541	-3,54

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
06-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	22.95	AUD	ORD	2,180	2,18
06-Feb-18	BlackRock Investment Management, LLC	on mkt buy	22.95	AUD	ORD	1,841	1,84
06-Feb-18	BlackRock Investment Management (UK) Limited	on mkt buy	22.95	AUD	ORD	594	59
06-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.95	AUD	ORD	605	60
06-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	22.95	AUD	ORD	1,209	1,20
06-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	22.95	AUD	ORD	1,264	1,26
06-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	22.95	AUD	ORD	3,612	3,61
06-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	22.95	AUD	ORD	1,116	1,11
06-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	22.95	AUD	ORD	3,141	3,14
06-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	22.95	AUD	ORD	1,584	1,58
06-Feb-18	BlackRock Institutional Trust Company,	on mkt buy	22.95	AUD	ORD	1,848	1,84
06-Feb-18	National Association BlackRock Financial Management, Inc.	on mkt buy	22.97	AUD	ORD	905	90
06-Feb-18	BlackRock Institutional Trust Company,	on mkt buy	22.97	AUD	ORD	1,076	1,0
06-Feb-18	National Association BlackRock International Limited	on mkt buy	22.97	AUD	ORD	5,601	5,60
06-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	22.97	AUD	ORD	5,601	<u> </u>
06-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	22.81	AUD	ORD	-2,679	-2,6
06-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	320	3
06-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-837	-8
06-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	754	7
06-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,763	-4,7
06-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	34,629	34,6
06-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-28	
06-Feb-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-67	
06-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-17	-
06-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	107,399	107,3
06-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	536,927	536,9
06-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	61,813	61,8
06-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,764	-2,7
07-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.53	AUD	ORD	3,039	3,0
07-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-346	-3
07-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-639	-6
07-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-609	-6
07-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.52	AUD	ORD	-2,684	-2,6
07-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.52	AUD	ORD	-373	-3
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.59	AUD	ORD	-1,116	-1,1
07-Feb-18	BlackRock Asset Management Canada Limited	on mkt buy	23.59	AUD	ORD	708	7
07-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.59	AUD	ORD	-1,270	-1,2
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.59	AUD	ORD	-3,348	-3,3
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.59	AUD	ORD	-2,232	-2,2
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.59	AUD	ORD	-2,679	-2,6
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.59	AUD	ORD	434	4
07-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,240	6,2
07-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-34,629	-34,6
07-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	747,720	747,7
07-Feb-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-10	
07-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	11	
07-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-106,212	-106,2
07-Feb-18	BlackRock Investment Management (UK)		n/a	AUD	ORD	-536,547	-536,5

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and number of securities affected		Person's votes affected
07-Feb-18	BlackRock Asset Management North Asia Limited	-	n/a	AUD	ORD	-63,273	-63,27
07-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,807	-3,80
08-Feb-18	BlackRock International Limited	on mkt buy	23.57	AUD	ORD	3,149	3,14
08-Feb-18	BlackRock Advisors, LLC	on mkt sell	23.44	AUD	ORD	-810	-81
08-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.59	AUD	ORD	1,106	1,10
08-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.59	AUD	ORD	3,418	3,41
08-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.59	AUD	ORD	1,139	1,13
08-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.59	AUD	ORD	3,034	3,03
08-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.59	AUD	ORD	1,056	1,05
08-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.69	AUD	ORD	-612	-61
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.69	AUD	ORD	-2,788	-2,78
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.69	AUD	ORD	-3,348	-3,34
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.69	AUD	ORD	5,585	5,58
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.69	AUD	ORD	893	89
08-Feb-18	BlackRock Asset Management Canada Limited	on mkt buy	23.69	AUD	ORD	505	50
08-Feb-18	BlackRock Fund Advisors	in anagia	2/2	AUD	ORD	6,240	6,24
08-Feb-18	BlackRock Investment Management (UK)	in specie in specie	n/a n/a	AUD	ORD	-20,168	-20,10
08-Feb-18	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	355	3
08-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,348	-2,3
08-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1,705	-2,3
	,				ORD	,	,
08-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD		9,991	9,9
08-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-747,770	-747,7
08-Feb-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	64	
08-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	54,107	54,1
08-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	498,194	498,1
08-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	255,138	255,13
08-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,637	1,63
09-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.28	AUD	ORD	87,718	87,7
09-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.34	AUD	ORD	6,702	6,7
09-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.34	AUD	ORD	4,468	4,4
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	572	5
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	355	3
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,638	-8,6
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,484	-14,4
09-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	4,763	4,7
09-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,705	-1,7
09-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,991	-9,9
09-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-467,246	-467,2
09-Feb-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-407,240	-407,2
09-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-38,238	-38,2
09-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-363,828	-363,8
09-Feb-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-486,904	-486,9
09-Feb-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-4,845	-4,8
12-Feb-18	Limited BlackRock Investment Management (UK)	on mkt buy	23.22	AUD	ORD	2,777	2,7
12-Feb-18	Limited BlackRock Institutional Trust Company,	on mkt buy	23.36	AUD	ORD	2,490	2,4
	National Association						
12-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-3,572	-3,5
12-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	1,540	1,5
12-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-606	-6
12-Feb-18	BlackRock Investment Management, LLC	on mkt sell	23.41	AUD	ORD	-1,604	-1,6
12-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.41	AUD	ORD	2,101	2,1

12-Feb-18 12-Feb-18	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		ССҮ	Class and number of securities affected		Person's votes affected
12-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.22	AUD	ORD	-4,465	-4,46
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7,476	7,47
12-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-13,143	-13,14
12-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,858	-2,85
12-Feb-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	13,546	13,54
12-Feb-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-236	-23
13-Feb-18	Limited BlackRock Institutional Trust Company,	on mkt buy	23.48	AUD	ORD	363	36
13-Feb-18	National Association BlackRock Institutional Trust Company,	on mkt buy	23.66	AUD	ORD	2,036	2,03
	National Association						
13-Feb-18	BlackRock International Limited	on mkt buy	23.66	AUD	ORD	9,703	9,70
13-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	1,288	1,28
13-Feb-18	BlackRock Investment Management, LLC	on mkt buy	23.66	AUD	ORD	1,790	1,79
13-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	382	38
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.66	AUD	ORD	3,199	3,19
13-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	23.66	AUD	ORD	1,671	1,67
13-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	23.66	AUD	ORD	609	60
13-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	23.66	AUD	ORD	699	69
13-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	23.66	AUD	ORD	961	96
13-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	23.66	AUD	ORD	596	59
13-Feb-18	BlackRock Asset Management Canada	on mkt buy	23.66	AUD	ORD	906	90
	Limited						
13-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.66	AUD	ORD	5,844	5,84
13-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.66	AUD	ORD	2,045	2,04
13-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	12,737	12,73
13-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	1,131	1,13
13-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.66	AUD	ORD	4,577	4,57
13-Feb-18	BlackRock Institutional Trust Company,	on mkt buy	23.66	AUD	ORD	1,695	1,69
13-Feb-18	National Association BlackRock Institutional Trust Company,	on mkt buy	23.66	AUD	ORD	5,662	5,66
13-Feb-18	National Association BlackRock Investment Management (UK)	on mkt buy	23.66	AUD	ORD	1,089	1,08
	Limited						
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.66	AUD	ORD	3,022	3,02
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.66	AUD	ORD	2,239	2,23
13-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	23.66	AUD	ORD	1,270	1,27
13-Feb-18	BlackRock Institutional Trust Company,	on mkt buy	23.66	AUD	ORD	4,581	4,58
13-Feb-18	National Association BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	280	28
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	700	70
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	925	93
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.62	AUD	ORD	2,234	2,2
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	6,702	6,7
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	1,410	1,4
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	1,540	1,5
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	320	3
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.67	AUD	ORD	434	4
13-Feb-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.67	AUD	ORD	-4,064	-4,0
	BlackRock Investment Management (UK) Limited	on mkt buy	23.67	AUD	ORD	9,521	9,52
13-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,320	8,32
13-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,992	4,9
13-Feb-18 13-Feb-18		in anaoio	n/a	AUD	ORD	847	84
13-Feb-18 13-Feb-18 13-Feb-18	BlackRock Fund Advisors	in specie					
13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,348	
13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18	BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD	-18,360	-18,30
13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18 13-Feb-18	BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited BlackRock Advisors, LLC	in specie in specie collateral transfer	n/a n/a n/a	AUD AUD	ORD ORD	-18,360 104	-18,36 10
13-Feb-18 13-Feb-18 13-Feb-18	BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD	-18,360	-2,34 -18,36 10 74 142,52

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
13-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-130,621	-130,62
13-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,599	-6,599
13-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,021	1,021
14-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.57	AUD	ORD	-27,940	-27,940
14-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.57	AUD	ORD	-10,037	-10,037
14-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.57	AUD	ORD	-9,941	-9,941
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.58	AUD	ORD	3,568	3,568
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.58	AUD	ORD	-282	-282
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.58	AUD	ORD	140	140
14-Feb-18 14-Feb-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy	23.58 23.58	AUD AUD	ORD ORD	1,117 560	1,117 560
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	23.58	AUD	ORD	434	434
14-Feb-18	BlackRock Institutional Trust Company,	on mkt buy	23.58	AUD	ORD	7,178	7,178
1410010	National Association	on mix buy	20.00	NOD	OND	7,170	7,170
14-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
14-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	100
14-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,240	6,240
14-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-104	-104
14-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-747	-747
14-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-150,000	-150,000
14-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-41,393	-41,393
14-Feb-18	BlackRock Investment Management, LLC		n/a	AUD	ORD	-115	-115
14-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,719	-7,719
14-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	538	538
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	807	807
15-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	24.13	AUD	ORD	807	807
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	2,269	2,269
15-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.13	AUD	ORD	2,968	2,968
15-Feb-18	BlackRock Asset Management Canada Limited	on mkt buy	24.13	AUD	ORD	968	968
15-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	24.13	AUD	ORD	1,120	1,120
15-Feb-18	BlackRock Investment Management, LLC	on mkt buy	24.13	AUD	ORD	641	641
15-Feb-18	BlackRock International Limited	on mkt buy	24.13	AUD	ORD	5,405	5,405
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	11,102	11,102
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	598	598
15-Feb-18	BlackRock Financial Management, Inc.	on mkt buy	24.13	AUD	ORD	1,780	1,780
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	1,887	1,887
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	2,983	2,983
15-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.13	AUD	ORD	2,505	2,505
15-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.13	AUD	ORD	2,019	2,019
15-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.13	AUD	ORD	1,984	1,984
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-1,133	-1,133
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-3,449	-3,449
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-488	-488
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-5,106	-5,106
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-4,017	-4,017
15-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.14	AUD	ORD	668	668
15-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	100
15-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	710	710

ALL

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
15-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,87
15-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	35,764	35,76
15-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	629,334	629,334
15-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,086	1,08
15-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	71,874	71,874
15-Feb-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	6,742	6,74
15-Feb-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	602	602
15-Feb-18	Limited BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-4,395	-4,39
16-Feb-18	National Association BlackRock Financial Management, Inc.	on mkt sell	23.74	AUD	ORD	-11,394	-11,39
16-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.68	AUD	ORD	2,679	2,67
16-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.68	AUD	ORD	700	70
16-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	23.68	AUD	ORD	370	37
16-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	23.68	AUD	ORD	-6,045	-6,04
16-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,565	2,56
16-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,87
16-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
16-Feb-18	BlackRock Fund Advisors	•		AUD	ORD		
		in specie	n/a			-4,828	-4,82
16-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-35,764	-35,76
16-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	116,596	116,59
16-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,082	-1,08
16-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-72,424	-72,42
16-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,742	-7,74
16-Feb-18	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	161	16
19-Feb-18	Limited BlackRock Institutional Trust Company,	on mkt sell	24.27	AUD	ORD	-14,381	-14,38
19-Feb-18	National Association BlackRock Fund Advisors	on mkt sell	24.27	AUD	ORD	-2,623	-2,62
19-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	11,072	11,07
19-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	29,267	29,26
19-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-745,930	-745,93
19-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-4	-
19-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	55,101	55,10
19-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	527,556	527,55
19-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	125,277	125,27
20-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.18	AUD	ORD	-4,117	-4,11
20-Feb-18	BlackRock Investment Management	on mkt buy	24.23	AUD	ORD	3,367	3,36
00 E-h 40	(Australia) Limited BlackRock Advisors (UK) Limited		04.00		000	0.000	0.00
20-Feb-18	( )	on mkt buy	24.20	AUD	ORD	2,236	2,23
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.23	AUD	ORD	-3,357	-3,35
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.23	AUD	ORD	-922	-92
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ORD	700	70
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ORD	700	70
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ORD	740	74
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ORD	320	32
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ORD	434	43
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ORD	868	86
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.23	AUD	ORD	-4,921	-4,92
20-Feb-18	BlackRock Investment Management (UK) Limited	on mkt buy	24.23	AUD	ORD	1,700	1,70
20-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	175	17
20-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,172	-5,17
20-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
20-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-11,072	-11,07
20-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-29,267	-29,26
20-Feb-18 20-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a n/a	AUD	ORD	-29,267 324	-29,20
20-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-33,843	-33,84
20 Eak 10	BlackRock Investment Management (UK)	collateral transfer	n/2		ORD	100 407	
20-Feb-18	Limited		n/a	AUD	UKD	188,437	188,43

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
20-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-125,323	-125,323
21-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-1,097	-1,097
21-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-3,302	-3,302
21-Feb-18	BlackRock Investment Management	on mkt sell	24.71	AUD	ORD	-474	-474
21-Feb-18	(Australia) Limited BlackRock Investment Management	on mkt sell	24.71	AUD	ORD	-4,756	-4,75
21-Feb-18	(Australia) Limited BlackRock Investment Management	on mkt sell	24.71	AUD	ORD	-3,096	-3,09
21-Feb-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	24.71	AUD	ORD	784	784
21-Feb-18	National Association BlackRock Financial Management, Inc.	on mkt buy	24.71	AUD	ORD	810	81
21-Feb-18	BlackRock Investment Management, LLC	on mkt buy	24.71	AUD	ORD	1,559	1,55
21-Feb-18	BlackRock Institutional Trust Company,	on mkt buy	24.71	AUD	ORD	2,222	2,22
	National Association						
21-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.71	AUD	ORD	3,150	3,15
21-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	24.71	AUD	ORD	2,995	2,99
21-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	24.71	AUD	ORD	1,157	1,15
21-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	24.71	AUD	ORD	690	69
21-Feb-18	BlackRock Advisors, LLC	on mkt buy	24.71	AUD	ORD	1,400	1,40
21-Feb-18	BlackRock Asset Management Canada Limited	on mkt buy	24.71	AUD	ORD	1,060	1,06
21-Feb-18	BlackRock International Limited	on mkt buy	24.71	AUD	ORD	3,667	3,66
21-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.71	AUD	ORD	5,895	5,89
21-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.71	AUD	ORD	1,060	1,06
21-Feb-18	BlackRock Investment Management (UK) Limited	on mkt buy	24.71	AUD	ORD	784	78
21-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.71	AUD	ORD	3,096	3,09
21-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.71	AUD	ORD	2,442	2,44
21-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.71	AUD	ORD	1,691	1,69
21-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ORD	320	32
21-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ORD	320	32
21-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ORD	434	43
21-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,648	11,64
21-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,165	-10,16
21-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	847	84
21-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-368	-36
21-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-21,222	-21,22
21-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-715,847	-715,84
21-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-88	-8
22-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.50	AUD	ORD	-3,838	-3,83
22-Feb-18	BlackRock Asset Management North Asia Limited	on mkt buy	24.53	AUD	ORD	2,936	2,93
22-Feb-18	BlackRock Investment Management (UK) Limited	on mkt buy	24.56	AUD	ORD	1,257	1,25
22-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.47	AUD	ORD	-1,400	-1,40
22-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.47	AUD	ORD	-1,120	-1,12
22-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.47	AUD	ORD	-126,978	-126,97
22-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	171	17
22-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	437	43
22-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-608	-60
23-Feb-18	BlackRock Financial Management, Inc.	on mkt sell	24.48	AUD	ORD	-1,128	-1,12
23-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.46	AUD	ORD	-1,655	-1,65
23-Feb-18	BlackRock Financial Management, Inc.	on mkt sell	24.46	AUD	ORD	-2,124	-2,12

ate 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
23-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.46	AUD	ORD	3,357	3,35
23-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.46	AUD	ORD	320	32
23-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.46	AUD	ORD	-3,214	-3,21
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	214	21
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	858	85
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,814	-4,81
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,100	-6,10
23-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3	-
23-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,281	5,28
23-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,471,743	1,471,74
23-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	79	7
26-Feb-18	BlackRock Financial Management, Inc.	on mkt sell	24.38	AUD	ORD	-17,977	-17,97
26-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.30	AUD	ORD	5,936	5,93
26-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.30	AUD	ORD	3,357	3,35
26-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	24.30	AUD	ORD	-6,720	-6,72
26-Feb-18	BlackRock Institutional Trust Company,	on mkt sell	24.30	AUD	ORD	-5,107	-5,10
26-Feb-18	National Association BlackRock Institutional Trust Company,	on mkt buy	24.30	AUD	ORD	15,969	15,96
26-Feb-18	National Association BlackRock Institutional Trust Company,	on mkt sell	24.30	AUD	ORD	-2,429	-2,42
26 Fab 19	National Association	in encolo	2/2		000	E 201	5.00
26-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,291	5,29
26-Feb-18 26-Feb-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	2,262,347 -18	2,262,34 -1
26-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-16,603	-16,60
26-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,496,828	-1,496,82
26-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,623	-2,62
27-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.34	AUD	ORD	-2,494	-2,49
27-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.34	AUD	ORD	1,120	1,12
27-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.34	AUD	ORD	1,396	1,39
27-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.34	AUD	ORD	4,175	4,17
27-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,912	2,91
27-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,232	11,23
27-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	6,356	6,35
27-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-900	-90
27-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	3,154	3,15
27-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,158	9,15
27-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,710,389	-1,710,38
27-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	126	12
27-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	21,773	21,77
27-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	175,441	175,44
27-Feb-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	33,820	33,82
28-Feb-18	BlackRock International Limited	on mkt buy	24.68	AUD	ORD	1,611	1,61
28-Feb-18	BlackRock Investment Management, LLC	on mkt buy	24.71	AUD	ORD	642	64
28-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.68	AUD	ORD	1,157	1,15
28-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	24.68	AUD	ORD	1,855	1,85
28-Feb-18 28-Feb-18	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	on mkt buy on mkt buy	24.68 24.65	AUD AUD	ORD ORD	1,027 4,893	1,02 4,89
28-Feb-18	Limited BlackRock Institutional Trust Company,	on mkt sell	24.65	AUD	ORD	-427	-42
28-Feb-18	National Association BlackRock Investment Management	on mkt buy	24.65	AUD	ORD	4,910	4,91
	(Australia) Limited	•					
28-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.65	AUD	ORD	-125,291	-125,29

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
28-Feb-18	BlackRock Investment Management (UK) Limited	on mkt buy	24.65	AUD	ORD	1,632	1,63
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.65	AUD	ORD	1,853	1,85
28-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.65	AUD	ORD	-7,938	-7,93
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	20
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,87
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-350	-35
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,150	-1,15
28-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	18,470	18,47
28-Feb-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-3,154	-3,15
28-Feb-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	28,820	28,82
28-Feb-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-547,442	-547,44
28-Feb-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	83,713	83,71
28-Feb-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	590,168	590,16
28-Feb-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-120,554	-120,55
28-Feb-18	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-32,107	-32,10
01-Mar-18	BlackRock Asset Management North Asia Limited	on mkt sell	23.96	AUD	ORD	-1,578	-1,57
01-Mar-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.87	AUD	ORD	-159	-15
01-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.00	AUD	ORD	2,679	2,67
01-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	24.00	AUD	ORD	-925	-92
01-Mar-18	BlackRock Investment Management, LLC	on mkt buy	24.00	AUD	ORD	1,119	1,11
01-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,87
01-Mar-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-37,978	-37,97
01-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	778,439	778,43
01-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-83,716	-83,71
01-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-601,082	-601,08
01-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-29,592	-29,59
01-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	986	98
02-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.99	AUD	ORD	-19,611	-19,61
02-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.99	AUD	ORD	-5,330	-5,33
02-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.99	AUD	ORD	-5,423	-5,42
02-Mar-18	BlackRock Advisors, LLC	on mkt sell	23.99	AUD	ORD	-1,156	-1,15
02-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	23.99	AUD	ORD	3,789	3,78
02-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	23.99	AUD	ORD	1,213	1,21
02-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.99	AUD	ORD	3,250	3,25
02-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.99	AUD	ORD	1,918	1,91
02-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	23.98	AUD	ORD	-1,400	-1,40
02-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	23.98	AUD	ORD	434	43
02-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	23.98	AUD	ORD	-306	-30
02-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,348	2,34
02-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,696	4,69
02-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,261	-3,26
02-Mar-18 02-Mar-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	2,565 6	2,56
02-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,393	1,39
02-Mar-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,557	-1,55
02-Mar-18	Limited BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	154	15
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te of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
05-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.80	AUD	ORD	-71,287	-71,2
05-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.70	AUD	ORD	3,322	3,3
05-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	23.70	AUD	ORD	-3,572	-3,5
05-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.70	AUD	ORD	-3,173	-3,1
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,716	1,7
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,320	8,3
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,628	-9,6
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,610	5,6
05-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-14,119	-14,1
05-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	37,770	37,7
05-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	8	
05-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,322	-2,3
05-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,040	2,0
05-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	273	:
06-Mar-18	BlackRock Investment Management (UK) Limited	on mkt buy	24.06	AUD	ORD	3,330	3,
06-Mar-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.11	AUD	ORD	-1,098	-1,
06-Mar-18	BlackRock Institutional Trust Company,	on mkt sell	23.93	AUD	ORD	-2,266	-2,
06-Mar-18	National Association BlackRock Asset Management North Asia Limited	on mkt buy	23.99	AUD	ORD	28,445	28,
06-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	23.88	AUD	ORD	1,397	1,
06-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	23.88	AUD	ORD	320	١,
06-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	23.88	AUD	ORD	732	
06-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	23.88	AUD	ORD	320	
06-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,400	10,
06-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,480	-2,
06-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2	
06-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-192	-
06-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	50	
06-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	140	
07-Mar-18	BlackRock Investment Management, LLC	on mkt buy	23.74	AUD	ORD	1,358	1,
07-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.74	AUD	ORD	664	
07-Mar-18	BlackRock Japan Co., Ltd.	on mkt buy	23.74	AUD	ORD	536	
07-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	23.74	AUD	ORD	3,487	3,
07-Mar-18	BlackRock Institutional Trust Company,	on mkt buy	23.74	AUD	ORD	876	
07-Mar-18	National Association BlackRock Investment Management (UK)	on mkt buy	23.74	AUD	ORD	804	
07-Mar-18	Limited BlackRock Institutional Trust Company,	on mkt buy	23.74	AUD	ORD	4,135	4,
07-Mar-18	National Association BlackRock Advisors (UK) Limited	on mkt buy	23.64	AUD	ORD	2,240	2,
07-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	23.64	AUD	ORD	-2,240	-2,
07-Mar-18	BlackRock Institutional Trust Company,	on mkt sell	23.64	AUD	ORD	-6,879	-6,
07-Mar-18	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,320	8,
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	<u>8,320</u> 175	0,
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,200	31,
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-69,104	-69,
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,595	-21,
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,348	2,
07-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-752,408	-752,
	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6	
	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	775	
07-Mar-18							

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07-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	394	39
08-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.42	AUD	ORD	-24,762	-24,76
08-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.39	AUD	ORD	2,853	2,85
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,488	7,48
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	54,912	54,91
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,914	-25,91
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-51.828	-51,82
08-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	3,261	3,26
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,74
08-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	*
08-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10	1
08-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-265	-26
08-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	252	25
09-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	24.68	AUD	ORD	354	35
09-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	24.77	AUD	ORD	5,530	5,53
09-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	24.77	AUD	ORD	6,393	6,39
09-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	24.77	AUD	ORD	2,163	2,16
09-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.77	AUD	ORD	5,057	5,05
09-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	24.77	AUD	ORD	4,196	4,19
09-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.77	AUD	ORD	5,772	5,77
09-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.77	AUD	ORD	5,471	5,47
09-Mar-18	BlackRock Advisors, LLC	on mkt sell	24.78	AUD	ORD	-6,854	-6,85
09-Mar-18	BlackRock International Limited	on mkt buy	24.76	AUD	ORD	4,049	4,04
	BlackRock Advisors (UK) Limited	on mkt sell	24.74	AUD	ORD	-6,720	-6,72
	BlackRock Advisors (UK) Limited	on mkt buy	24.74	AUD	ORD	840	84
09-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-28,513	-28,5
09-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,144	1,14
09-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,035	-12,03
09-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,318	-2,3
09-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	18	
09-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	324	3
09-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	13	
09-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,947	1,9
09-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	31,620	31,6
09-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,680	2,6
09-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-39,134	-39,1
12-Mar-18	BlackRock Investment Management, LLC	on mkt buy	25.14	AUD	ORD	14,968	14,9
12-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.00	AUD	ORD	565	5
12-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.98	AUD	ORD	-3,598	-3,5
	BlackRock Advisors (UK) Limited	on mkt buy	25.01	AUD	ORD	2,244	2,2
12-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.97	AUD	ORD	320	3
12-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	24.97	AUD	ORD	-5,442	-5,4
	BlackRock Asset Management Canada Limited	on mkt buy	24.97	AUD	ORD	14,200	14,2
12-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.97	AUD	ORD	1,834	1,8
12-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,8
12-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	758,939	758,9
12-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	38	

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and r securities		Person's votes affected
12-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-6	-6
12-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-837	-837
12-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	815	815
12-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-10	-1(
13-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.05	AUD	ORD	603	603
13-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.05	AUD	ORD	4,327	4,327
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	25.03	AUD	ORD	-2,244	-2,24
13-Mar-18	BlackRock Japan Co., Ltd.	on mkt sell	25.03	AUD	ORD	-1,870	-1,87
13-Mar-18	BlackRock Japan Co., Ltd.	on mkt sell	25.03	AUD	ORD	-1,421	-1,42
13-Mar-18	BlackRock Japan Co., Ltd.	on mkt sell	25.03	AUD	ORD	-1,136	-1,13
13-Mar-18	BlackRock Japan Co., Ltd.	on mkt sell	25.03	AUD	ORD	-537	-53
13-Mar-18	BlackRock Advisors, LLC	on mkt sell	25.03	AUD	ORD	-32,771	-32,77
13-Mar-18	BlackRock Advisors, LLC	on mkt sell	25.03	AUD	ORD	-764	-764
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.04	AUD	ORD	1,122	1,12
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.06	AUD	ORD	1,128	1,12
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	25.06	AUD	ORD	-408	-40
13-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.06	AUD	ORD	4,527	4,52
13-Mar-18	BlackRock Asset Management Canada Limited	on mkt buy	25.06	AUD	ORD	1,056	1,05
13-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.06	AUD	ORD	-2,130	-2,130
13-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,480	12,48
13-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,319	-4,31
13-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,368	1,36
13-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-111	-11
13-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-
13-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-144	-144
13-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-45	-4:
13-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	280	28
14-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.71	AUD	ORD	-608	-60
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-1,009	-1,009
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-3,592	-3,592
14-Mar-18	BlackRock Asset Management North Asia Limited	on mkt sell	24.71	AUD	ORD	-1,358	-1,35
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-532	-53
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-3,881	-3,88
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.71	AUD	ORD	-2,855	-2,85
14-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ORD	283	28
14-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ORD	320	32
14-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ORD	320	32
14-Mar-18	BlackRock Asset Management Canada Limited	on mkt buy	24.70	AUD	ORD	839	83
14-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,160	4,16
14-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,100	-6,10
14-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,272	5,27
14-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	75	7
14-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5	:
14-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-136	-13
14-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	414	41
14-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-351	-35
15-Mar-18	BlackRock Advisors, LLC	on mkt buy	24.94	AUD	ORD	953	95
15-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.94	AUD	ORD	3,921	3,92
15-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.95	AUD	ORD	1,122	1,122

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15-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.95	AUD	ORD	283	28
15-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.95	AUD	ORD	6,400	6,40
15-Mar-18	BlackRock Asset Management Canada Limited	on mkt buy	24.95	AUD	ORD	781	78
15-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,992	4,99
15-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,240	6,24
15-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	643	643
15-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	7	
15-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-2
15-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	45	45
15-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-195	-195
15-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	145	145
16-Mar-18	BlackRock Financial Management, Inc.	on mkt sell	25.04	AUD	ORD	-632	-632
16-Mar-18	BlackRock Financial Management, Inc.	on mkt sell	25.07	AUD	ORD	-8,586	-8,586
16-Mar-18	BlackRock Advisors (LIK) Limited	on mkt coll	25 10		ORD	-204	20.
16-Mar-18 16-Mar-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	25.10 25.10	AUD	ORD	-204 -1,401	-204 -1,401
16-Mar-18	BlackRock Advisors (UK) Limited		25.10	AUD	ORD	-1,401 320	
16-Mar-18	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt buy	25.10	AUD	ORD	2,458	2,458
	(Australia) Limited	•					
16-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.10	AUD	ORD	-2,051	-2,051
16-Mar-18	BlackRock Investment Management (UK) Limited	on mkt buy	25.10	AUD	ORD	71,793	71,793
16-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.10	AUD	ORD	-4,398	-4,398
16-Mar-18	BlackRock Fund Advisors	on mkt sell	25.10	AUD	ORD	-309	-309
16-Mar-18	BlackRock Fund Advisors	on mkt buy	25.10	AUD	ORD	800	800
16-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.10	AUD	ORD	-1,133	-1,133
16-Mar-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.10	AUD	ORD	-77,587	-77,587
16-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.10	AUD	ORD	-1,305	-1,305
16-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-5,525	-5,525
16-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,805
16-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-754	-754
16-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,319	-4,319
16-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,625	-7,625
16-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,857	5,857
16-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	242	242
16-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2	2
16-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	714	714
16-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,368	-1,368
16-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	405	405
19-Mar-18	BlackRock Investment Management, LLC	on mkt buy	25.32	AUD	ORD	5,286	5,286
19-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.22	AUD	ORD	320	320
19-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,575	-4,575
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,259	-4,259
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,569	-1,569
19-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,769	-9,769
19-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-152	-152
19-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	127	127
19-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-337	-337
19-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,232	1,232
19-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-866	-866
20-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.28	AUD	ORD	-3,279	-3,279
20-Mar-18	BlackRock Advisors, LLC	on mkt sell	25.29	AUD	ORD	-4,243	-4,243

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
20-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.29	AUD	ORD	-5,771	-5,77
20-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.29	AUD	ORD	-2,611	-2,61
20-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.29	AUD	ORD	-1,896	-1,89
20-Mar-18	BlackRock Investment Management, LLC	on mkt buy	25.29	AUD	ORD	713	71
20-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.29	AUD	ORD	272	27
20-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	25.29	AUD	ORD	4,313	4,31
20-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	25.29	AUD	ORD	1,427	1,42
20-Mar-18	BlackRock Institutional Trust Company,	on mkt buy	25.29	AUD	ORD	3,861	3,86
20-Mar-18	National Association BlackRock Institutional Trust Company,	on mkt buy	25.38	AUD	ORD	27,321	27,32
20-Mar-18	National Association BlackRock Advisors (UK) Limited	on mkt buy	25.38	AUD	ORD	2,246	2,24
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.38	AUD	ORD	320	32
20-Mar-18	BlackRock Investment Management, LLC	on mkt sell	25.38	AUD	ORD	-997	-99
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.25	AUD	ORD	1,401	1,40
20-Mar-18	BlackRock Fund Advisors	in specie		AUD	ORD	4,675	4,67
20-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,221	-7,22
20-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	10,964	10,96
20-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-201	-20
20-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-
20-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	193	19
20-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	7,795	7,79
20-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	585	58
21-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,552	-8,55
21-Mar-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.40	AUD	ORD	-2,243	-2,24
21-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.52	AUD	ORD	-1,084	-1,08
21-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.52	AUD	ORD	-3,670	-3,67
21-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.52	AUD	ORD	-628	-62
21-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.52	AUD	ORD	-5,096	-5,09
21-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.52	AUD	ORD	-2,686	-2,68
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.55	AUD	ORD	3,369	3,36
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.55	AUD	ORD	1,123	1,12
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.55	AUD	ORD	2,246	2,24
21-Mar-18 21-Mar-18	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell on mkt sell	25.55 25.55	AUD AUD	ORD ORD	-722 -2,746	-72 -2,74
	National Association						
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	25.47	AUD	ORD	1,123	1,12
21-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-6,102	-6,10
21-Mar-18	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	27,095	27,09
21-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,372	6,37
21-Mar-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-50	-5
21-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	54,307	54,30
21-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-191	-19
21-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	214,261	214,26
21-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	571	57
22-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	25.42	AUD	ORD	3,771	3,77
22-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	25.42	AUD	ORD	1,256	1,25
22-Mar-18	BlackRock Financial Management, Inc.	on mkt buy	25.42	AUD	ORD	1,850	1,85

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
	BlackRock Institutional Trust Company, National Association	on mkt buy	25.42	AUD	ORD	3,250	3,25
22-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.41	AUD	ORD	-3,554	-3,55
22-Mar-18	BlackRock Advisors, LLC	on mkt sell	25.41	AUD	ORD	-3,030	-3,03
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.41	AUD	ORD	-8,834	-8,83
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.41	AUD	ORD	-6,919	-6,91
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.41	AUD	ORD	-1,926	-1,92
22-Mar-18	BlackRock Investment Management	on mkt sell	25.36	AUD	ORD	-3,049	-3,04
22-Mar-18	(Australia) Limited BlackRock Investment Management	on mkt sell	25.39	AUD	ORD	-1,592	-1,59
22-Mar-18	(Australia) Limited BlackRock Asset Management Canada	on mkt buy	25.39	AUD	ORD	9,909	9,90
	Limited	colleteral transfer	/		000	07.005	-27,09
	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-27,095	,
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	807,023	807,023
	BlackRock Capital Management, Inc. BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a	AUD	ORD	-172	-172
	_		n/a	AUD	ORD	-54,314	-54,314
22-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-461	-461
	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-255,023	-255,023
	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,868	-3,868
23-Mar-18	BlackRock Financial Management, Inc.	on mkt sell	24.65	AUD	ORD	-1,324	-1,324
	BlackRock Institutional Trust Company, National Association	on mkt sell	24.64	AUD	ORD	-20,302	-20,302
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.64	AUD	ORD	-5,433	-5,43
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.64	AUD	ORD	-5,384	-5,384
	BlackRock Advisors (UK) Limited	on mkt sell	24.57	AUD	ORD	-2,258	-2,25
	BlackRock Advisors (UK) Limited	on mkt buy	24.57	AUD	ORD	1,788	1,78
	BlackRock Advisors (UK) Limited	on mkt sell	24.57	AUD	ORD	-894	-894
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.57	AUD	ORD	-26,562	-26,562
	BlackRock Advisors (UK) Limited	on mkt buy	24.57	AUD	ORD	184	18
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,569	1,56
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	4,259	4,25
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,319	-4,31
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-436,043	-436,043
	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3	
23-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	20	2
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	240,142	240,142
23-Mar-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-197	-19
	Limited	1.1	04.40		000	0.000	0.00
	BlackRock Advisors (UK) Limited	on mkt buy	24.46	AUD	ORD	2,682	2,68
	BlackRock Advisors (UK) Limited	on mkt sell	24.46	AUD	ORD	-960	-96
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,221	-7,22
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	32,162	32,162
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,175,293	-1,175,293
	BlackRock Capital Management, Inc. BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	105 74	10: 7:
26-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	181,374	181,37
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	304,866	304,866
	Limited BlackRock Asset Management North Asia		n/a	AUD	ORD	109,587	109,58
	Limited						
	BlackRock Advisors, LLC	on mkt sell	24.86	AUD	ORD	-814	-814
27-Mar-18	BlackRock Institutional Trust Company,	on mkt buy	24.89	AUD	ORD	5,099	5,099
	National Association						
27-Mar-18	National Association BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	24.94 24.94	AUD	ORD ORD	-1,129 -204	-1,129

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
27-Mar-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.94	AUD	ORD	-1,647	-1,64
27-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.94	AUD	ORD	8,108	8,10
27-Mar-18	BlackRock Japan Co., Ltd.	on mkt sell	24.94	AUD	ORD	-2,908	-2,90
27-Mar-18	BlackRock Investment Management (UK) Limited	on mkt buy	24.94	AUD	ORD	2,308	2,30
27-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,318	2,31
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,638	-8,63
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,100	-6,10
27-Mar-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	16,644	16,64
27-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	848,203	848,20
	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-105	-10
27-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-70	-70
27-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-180,340	-180,34
27-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-502,477	-502,47
27-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-108,012	-108,01
28-Mar-18	BlackRock Fund Advisors	on mkt buy	24.68	AUD	ORD	135	13
28-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.47	AUD	ORD	-715	-71
28-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.47	AUD	ORD	-2,930	-2,93
28-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.47	AUD	ORD	-453	-45
28-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.48	AUD	ORD	1,923	1,92
28-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.48	AUD	ORD	3,536	3,53
28-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.48	AUD	ORD	3,465	3,46
	BlackRock Institutional Trust Company, National Association	on mkt sell	24.53	AUD	ORD	-9,307	-9,30
28-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.53	AUD	ORD	1,788	1,78
28-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	24.53	AUD	ORD	-510	-51
28-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
28-Mar-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,946	-18,94
28-Mar-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	103,043	103,04 2,79
28-Mar-18	blackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,797	2,79
28-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	51,530	51,53
28-Mar-18	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	1,194,496	1,194,49
28-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-158	-15
28-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-6,639	-6,63
29-Mar-18	BlackRock Fund Advisors	on mkt buy	24.71	AUD	ORD	3,635	3,63
29-Mar-18	BlackRock Asset Management North Asia Limited	on mkt sell	24.21	AUD	ORD	-9,418	-9,41
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.25	AUD	ORD	246	24
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.06	AUD	ORD	3,360	3,36
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.06	AUD	ORD	1,120	1,12
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	24.06	AUD	ORD	1,402	1,40
29-Mar-18	BlackRock Advisors, LLC	on mkt buy	24.06	AUD	ORD	10,852	10,85
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	24.06	AUD	ORD	-204	-20
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.06	AUD	ORD	-12,787	-12,78
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.06	AUD	ORD	-9,671	-9,67
	BlackRock Institutional Trust Company, National Association	on mkt sell	24.06	AUD	ORD	-3,309	-3,30
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.06	AUD	ORD	-9,329	-9,32
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	24.06	AUD	ORD	-11,283	-11,28
29-Mar-18 29-Mar-18	BlackRock Fund Advisors BlackRock Institutional Trust Company,	on mkt sell on mkt buy	24.06 24.06	AUD AUD	ORD ORD	-1,681 1,682	-1,68 1,68
	National Association						

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ		number of s affected	Person's votes affected
29-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.06	AUD	ORD	1,574	1,574
29-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,860	2,860
29-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	33,961	33,961
29-Mar-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	64,141	64,141
29-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-49,542	-49,542
29-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,773	-2,773
29-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-51,725	-51,725
29-Mar-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,194,651	-1,194,651
29-Mar-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	481	481
30-Mar-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,288	-1,288
30-Mar-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5	5
30-Mar-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	174	174
30-Mar-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-234	-234
30-Mar-18	Limited BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	54	54
02-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,205	-4,205
02-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1	-1
02-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	362,380	362,380
02-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
02-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-426	-426
02-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	41	41
02-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	382	382
03-Apr-18	BlackRock Japan Co., Ltd.	on mkt buy	23.00	AUD	ORD	1,202	1,202
	BlackRock Financial Management, Inc.	on mkt sell	23.41	AUD	ORD	-4,853	-4,853
03-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.41	AUD	ORD	2,191	2,191
03-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.41	AUD	ORD	28,086	28,086
03-Apr-18	BlackRock Fund Advisors	on mkt buy	23.41	AUD	ORD	3,842	3,842
03-Apr-18	BlackRock Fund Advisors	on mkt buy	23.41	AUD	ORD	5,526	5,526
03-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.41	AUD	ORD	13,133	13,133
03-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.41	AUD	ORD	2,916	2,916
03-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.41	AUD	ORD	1,808	1,808
03-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.41	AUD	ORD	66	66
03-Apr-18	BlackRock Fund Advisors	on mkt buy	23.41	AUD	ORD	3,087	3,087
03-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	107,719	107,719
03-Apr-18 03-Apr-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	77,134 -36	77,134 -36
	Black took i manolal managemont, mor		n/a	AUD	ORD	859	859
•	BlackRock Investment Management 11C	collatoral transfor		AUD	OND	000	000
03-Apr-18	BlackRock Investment Management, LLC					1 769	1 769
03-Apr-18 03-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,768	
03-Apr-18 03-Apr-18 03-Apr-18	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia Limited	collateral transfer collateral transfer	n/a n/a	AUD	ORD	-2,586	-2,586
03-Apr-18 03-Apr-18 03-Apr-18 04-Apr-18	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia Limited BlackRock Investment Management (Australia) Limited	collateral transfer collateral transfer on mkt buy	n/a n/a 23.50	AUD AUD	ORD	-2,586	1,768 -2,586 1,234
03-Apr-18 03-Apr-18 03-Apr-18 04-Apr-18 04-Apr-18	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia Limited BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company, National Association	collateral transfer collateral transfer on mkt buy on mkt sell	n/a n/a 23.50 23.39	AUD AUD AUD	ORD ORD ORD	-2,586 1,234 -983	-2,586 1,234 -983
03-Apr-18 03-Apr-18 03-Apr-18 04-Apr-18 04-Apr-18	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia Limited BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company,	collateral transfer collateral transfer on mkt buy	n/a n/a 23.50 23.39 23.37	AUD AUD AUD AUD	ORD	-2,586 1,234 -983 977	-2,586 1,234 -983 977
03-Apr-18 03-Apr-18 03-Apr-18 04-Apr-18 04-Apr-18	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia Limited BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company,	collateral transfer collateral transfer on mkt buy on mkt sell	n/a n/a 23.50 23.39	AUD AUD AUD	ORD ORD ORD	-2,586 1,234 -983	-2,586 1,234 -983
03-Apr-18 03-Apr-18 03-Apr-18 04-Apr-18 04-Apr-18 04-Apr-18 04-Apr-18	BlackRock Investment Management (UK) Limited BlackRock Asset Management North Asia Limited BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Advisors, LLC	collateral transfer collateral transfer on mkt buy on mkt sell on mkt buy on mkt sell	n/a n/a 23.50 23.39 23.37 23.39	AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-2,586 1,234 -983 977 -1,349	-2,586 1,234 -983 977 -1,349

te of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
04-Apr-18	BlackRock Financial Management, Inc.	on mkt buy	23.38	AUD	ORD	1,143	1,14
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.38	AUD	ORD	3,334	3,33
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.38	AUD	ORD	7,663	7,60
04-Apr-18	BlackRock Financial Management, Inc.	on mkt buy	23.38	AUD	ORD	1,868	1,80
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.36	AUD	ORD	8,653	8,65
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.36	AUD	ORD	4,127	4,12
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.36	AUD	ORD	293	29
04-Apr-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	508,203	508,20
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.38	AUD	ORD	3,220	3,2
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.38	AUD	ORD	1,829	1,8
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.38	AUD	ORD	1,855	1,8
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.28	AUD	ORD	-77,910	-77,9
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.28	AUD	ORD	-19,193	-19,1
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.28	AUD	ORD	-2,258	-2,2
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.28	AUD	ORD	-3,590	-3,5
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.28	AUD	ORD	1,402	1,4
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.28	AUD	ORD	508	
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.28	AUD	ORD	249	
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.28	AUD	ORD	-204	-
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.28	AUD	ORD	-28,009	-28,
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,278	-7,
04-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,434	-5,
04-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	90,665	90,
04-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,277	-1,:
04-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	66,933	66,
04-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,313	-1,
05-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.56	AUD	ORD	6,877	6,
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.48	AUD	ORD	-3,580	-3,
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.55	AUD	ORD	1,121	1,
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.54	AUD	ORD	-914	-
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	700	
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.54	AUD	ORD	-248	-
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	435	
05-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.54	AUD	ORD	490	
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,160	4,
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,575	-4,
05-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-107,514	-107,
05-Apr-18 05-Apr-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-333,530 -2,499	-333, -2,
05-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	174,891	174,
05-Apr-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	539,027	539,
05-Apr-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	102,876	102,
06-Apr-18	Limited BlackRock Investment Management (UK)	on mkt buy	23.38	AUD	ORD	2,383	2,3
06-Apr-18	Limited BlackRock Institutional Trust Company, National Association	on mkt buy	23.51	AUD	ORD	665	(
06-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.56	AUD	ORD	840	
06-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.56	AUD	ORD	-510	
06-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.56	AUD	ORD	-2,586	-2,
06-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.56	AUD	ORD	-1,271	-1,

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
06-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.56	AUD	ORD	1,897	1,89
06-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.56	AUD	ORD	396	396
06-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,100	-6,100
06-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,348	-2,348
06-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,278	-7,278
06-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	738,291	738,29
06-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	266,066	266,066
06-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	336,218	336,218
06-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-175,953	-175,953
06-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-365,259	-365,259
06-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-102,247	-102,247
09-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.55	AUD	ORD	-63	-63
09-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.56	AUD	ORD	-1,904	-1,904
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.56	AUD	ORD	895	895
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.56	AUD	ORD	-4,020	-4,020
	BlackRock Fund Advisors			AUD	ORD		
09-Apr-18		on mkt buy	23.56			2,486	2,486
09-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	7,640	7,640
09-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-727,870	-727,870
09-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	137,336	137,330
09-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-339,186	-339,186
09-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-204	-204
09-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-166,688	-166,688
09-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	146	146
10-Apr-18	BlackRock Fund Advisors	on mkt buy	23.58	AUD	ORD	135	135
10-Apr-18	BlackRock Institutional Trust Company,	on mkt sell	23.51	AUD	ORD	-105	-105
10-Apr-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	23.51	AUD	ORD	-556	-556
10.1.10	National Association		00.54		000	4 00 4	1.00
10-Apr-18	BlackRock Japan Co., Ltd.	on mkt sell	23.51	AUD	ORD	-1,004	-1,00
10-Apr-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.47	AUD	ORD	5,979	5,979
10-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.50	AUD	ORD	-7,876	-7,876
10-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	23.50	AUD	ORD	987	987
10-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	23.50	AUD	ORD	-1.984	-1,984
10-Apr-18	BlackRock Investment Management	on mkt buy	23.50	AUD	ORD	4,249	4,249
10 Apr 10	(Australia) Limited	in anapia	2/2		000	4 450	4 45/
10-Apr-18 10-Apr-18	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD AUD	ORD ORD	4,150	4,150
•	National Association						
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,506	5,506
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	7,566	7,566
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,625	-7,625
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,736	-9,736
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,575	-4,575
10-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-55,325	-55,325
10-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	558,672	558,672
10-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5,355	5,355
10-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,696	1,696
10-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,306	-6,306
10-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,867	-1,867
11-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.15	AUD	ORD	1,606	1,606
11-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.15	AUD	ORD	1,372	1,372
11-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.15	AUD	ORD	171	171

•	change	n in relation to (7)	CCY	securities	affected	votes affected
ment Management	on mkt buy	23.15	AUD	ORD	16,097	16,09
tment Management	on mkt buy	23.15	AUD	ORD	1,765	1,76
tment Management	on mkt buy	23.10	AUD	ORD	682	68
ors (UK) Limited	on mkt buy	23.15	AUD	ORD	248	24
ors (UK) Limited	on mkt buy	23.15	AUD	ORD	872	87
ors (UK) Limited	on mkt buy	23.15	AUD	ORD	1,308	1,30
n Co., Ltd.	on mkt buy	23.15	AUD	ORD	2,293	2,29
n Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,206	7,20
ors (UK) Limited	collateral transfer	n/a	AUD	ORD	-105,680	-105,68
cial Management, Inc.	collateral transfer	n/a	AUD	ORD	-5,150	-5,15
ment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,945	-2,94
ment Management (UK)	collateral transfer	n/a	AUD	ORD	7,906	7,90
Management North Asia	collateral transfer	n/a	AUD	ORD	188	18
ors (UK) Limited	on mkt buy	23.50	AUD	ORD	166	16
ors (UK) Limited	on mkt buy	23.50	AUD	ORD	555	55
itional Trust Company, tion	on mkt buy	23.50	AUD	ORD	2,813	2,81
Advisors	in specie	n/a	AUD	ORD	100	10
Advisors	in specie	n/a	AUD	ORD	-6,100	-6,10
n Co., Ltd.	collateral transfer	n/a	AUD	ORD	296,338	296,33
ors (UK) Limited	collateral transfer	n/a	AUD	ORD	-423,732	-423,73
cial Management, Inc.	collateral transfer	n/a	AUD	ORD	61,533	61,53
ment Management, LLC	collateral transfer	n/a	AUD	ORD	-93	-9
ment Management (UK)	collateral transfer	n/a	AUD	ORD	35,728	35,72
Management North Asia	collateral transfer	n/a	AUD	ORD	759	75
itional Trust Company, tion	on mkt sell	23.97	AUD	ORD	-145	-14
cial Management, Inc.	on mkt buy	24.14	AUD	ORD	8,489	8,48
ment Management d	on mkt buy	24.15	AUD	ORD	1,123	1,12
ors (UK) Limited	on mkt buy	24.15	AUD	ORD	566	56
ors (UK) Limited ment Management d	on mkt buy on mkt buy	24.15 24.15	AUD AUD	ORD ORD	370 5,249	37 5,24
Co., Ltd.	collateral transfer	n/a	AUD	ORD	274,472	274,47
ors (UK) Limited	collateral transfer	n/a	AUD	ORD	-80,794	-80,79
cial Management, Inc.	collateral transfer	n/a	AUD	ORD	251	25
ment Management, LLC	collateral transfer	n/a	AUD	ORD	1,398	1,39
ment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,753	-3,75
Management North Asia	collateral transfer	n/a	AUD	ORD	179	17
ment Management	on mkt buy	24.19	AUD	ORD	280	28
ors (UK) Limited	on mkt buy	24.32	AUD	ORD	1,122	1,12
ors (UK) Limited	on mkt buy	24.32	AUD	ORD	555	55
itional Trust Company, tion	on mkt sell	24.32	AUD	ORD	-1,700	-1,70
ment Management d	on mkt buy	24.32	AUD	ORD	1,618	1,61
ors (UK) Limited	in specie	n/a	AUD	ORD	-2,037	-2,03
n Co., Ltd.	collateral transfer	n/a	AUD	ORD	-457,592	-457,59
ors (UK) Limited cial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-880,654 -62,101	-880,65 -62,10
ment Management, LLC	collateral transfer	n/a	AUD	ORD	-307	-30
ment Management (UK)	collateral transfer	n/a	AUD	ORD	-33,993	-33,99
Management North Asia	collateral transfer	n/a	AUD	ORD	395	39
cia me	I Management, Inc. ent Management, LLC ent Management (UK)	I Management, Inc. collateral transfer	I Management, Inc. collateral transfer n/a ent Management, LLC collateral transfer n/a ent Management (UK) collateral transfer n/a	I Management, Inc. collateral transfer n/a AUD ent Management, LLC collateral transfer n/a AUD ent Management (UK) collateral transfer n/a AUD	I Management, Inc.collateral transfern/aAUDORDent Management, LLCcollateral transfern/aAUDORDent Management (UK)collateral transfern/aAUDORD	I Management, Inc.collateral transfern/aAUDORD-62,101ent Management, LLCcollateral transfern/aAUDORD-307ent Management (UK)collateral transfern/aAUDORD-33,993

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
16-Apr-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-39,630	-39,630
17-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.43	AUD	ORD	-6,907	-6,907
17-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	24.42	AUD	ORD	13,987	13,987
17-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.43	AUD	ORD	-5,454	-5,454
17-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.32	AUD	ORD	556	556
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	24.51	AUD	ORD	-987	-987
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	24.51	AUD	ORD	2,244	2,244
17-Apr-18	BlackRock Japan Co., Ltd.	on mkt buy	24.51	AUD	ORD	6,452	6,452
17-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	24.51	AUD	ORD	85,157	85,157
17-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.51	AUD	ORD	-52,115	-52,115
17-Apr-18	BlackRock Asset Management Canada Limited	on mkt sell	24.51	AUD	ORD	-3,345	-3,345
17-Apr-18	BlackRock Fund Advisors	on mkt buy	24.51	AUD	ORD	2,417	2,417
17-Apr-18	BlackRock Fund Advisors BlackRock Investment Management (UK)	in specie in specie	n/a	AUD AUD	ORD	-4,696 -2.985	-4,696
17-Apr-18	Limited	in specie	n/a		ORD	,	-2,985
17-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-13,218	-13,218
17-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	497,328	497,328
17-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-85,083	-85,083
17-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,335	-1,335
17-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-68,200	-68,200
17-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-390	-390
18-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.92	AUD	ORD	-2,136	-2,136
18-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.64	AUD	ORD	-4,076	-4,076
18-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.92	AUD	ORD	-362	-362
18-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.00	AUD	ORD	2,124	2,124
18-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.08	AUD	ORD	137	137
18-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	25.11	AUD	ORD	897	897
18-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	31,140	31,140
18-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	57,177	57,177
18-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	41,525	41,525
18-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-225	-225
19-Apr-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	204,479	204,479
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.16	AUD	ORD	-8,342	-8,342
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.17	AUD	ORD	-5,691	-5,691
19-Apr-18	BlackRock Advisors, LLC	on mkt sell	25.17	AUD	ORD	-6,320	-6,320
19-Apr-18	BlackRock Advisors, LLC	on mkt sell	25.17	AUD	ORD	-589	-589
19-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.17	AUD	ORD	-18,933	-18,933
19-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.17	AUD	ORD	-4,609	-4,609
19-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.17	AUD	ORD	-10,997	-10,997
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.12	AUD	ORD	685	685
19-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	25.17	AUD	ORD	8,976	8,976
19-Apr-18	BlackRock Asset Management Canada Limited	on mkt sell	25.17	AUD	ORD	-1,355	-1,355
19-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.17	AUD	ORD	4,213	4,213
19-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	200
19-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,052	1,052

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19-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,267	-1,26
19-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,584	1,58
19-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,354	-4,35
19-Apr-18	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,651	1,65
20-Apr-18	Limited BlackRock Institutional Trust Company,	on mkt sell	25.48	AUD	ORD	-2,624	-2,62
20-Apr-18	National Association BlackRock Institutional Trust Company,	on mkt buy	25.48	AUD	ORD	622	62
20-Apr-18	National Association BlackRock Asset Management North Asia	on mkt buy	25.16	AUD	ORD	6,011	6,01
20-Apr-18	Limited BlackRock Investment Management, LLC	on mkt buy	25.48	AUD	ORD	8,221	8,22
20-Apr-18	BlackRock Financial Management, Inc.	on mkt buy	25.48	AUD	ORD	8,380	8,38
20-Apr-18		on mkt ooll	25.53	AUD	ORD	1 201	1.20
20-Apr-18 20-Apr-18	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	25.53	AUD	ORD	-1,391 -209	-1,39 -20
20-Apr-18 20-Apr-18	BlackRock Japan Co., Ltd. BlackRock Investment Management (UK)	on mkt sell	25.53	AUD	ORD	-209 -2,224	-20
•	Limited	on nikt sen					
20-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.53	AUD	ORD	2,931	2,93
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,050	-3,0
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,8
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,870	1,8
20-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	18,999	18,9
20-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	539,872	539,8
20-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	21,299	21,2
20-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-123	-1
20-Apr-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-7,562	-7,5
20-Apr-18	Limited BlackRock Asset Management North Asia		n/a	AUD	ORD	151	1
23-Apr-18	Limited BlackRock Investment Management	on mkt buy	25.59	AUD	ORD	2,734	2,7
	(Australia) Limited			AUD	ORD	542	2,7
23-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.65				
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	25.63	AUD	ORD	3,366	3,3
23-Apr-18 23-Apr-18	BlackRock Advisors, LLC BlackRock Asset Management Canada	on mkt buy on mkt sell	25.63 25.63	AUD AUD	ORD ORD	154 -1,798	1 -1,7
23-Apr-18	Limited BlackRock Institutional Trust Company,	on mkt buy	25.63	AUD	ORD	2,544	2,5
23-Apr-18	National Association BlackRock Advisors (UK) Limited	on mkt buy	25.59	AUD	ORD	1,122	1,1
23-Apr-18	BlackRock Fund Advisors			AUD	ORD	3,600	3,6
		in specie	n/a	AUD			8,2
23-Apr-18	BlackRock Fund Advisors	in specie	n/a		ORD	8,280	
23-Apr-18 23-Apr-18	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD AUD	ORD ORD	15,732 -19,746	15,7 -19,7
00.4 40	National Association		1		000	4 000	
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,882	-4,8
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-841	-8
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,764	-9,7
23-Apr-18 23-Apr-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-558,363 -658	-558,3
•	<b>.</b> .						
23-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-458	-4
23-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	656	6
23-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	110	1
24-Apr-18	BlackRock International Limited	on mkt buy	26.32	AUD	ORD	1,663	1,6
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.39	AUD	ORD	-9,189	-9,1
24-Apr-18	BlackRock Advisors, LLC	on mkt sell	26.35	AUD	ORD	-5,147	-5,1
24-Apr-18	BlackRock Advisors, LLC	on mkt sell	26.35	AUD	ORD	-776	-7
24-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-17,369	-17,3
24-Apr-18	BlackRock Institutional Trust Company,	on mkt sell	26.35	AUD	ORD	-3,953	-3,9

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and number of securities affected		Person's votes affected
24-Apr-18	BlackRock Asset Management Canada Limited	on mkt sell	26.35	AUD	ORD	-1,414	-1,41
24-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-12,831	-12,83
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.47	AUD	ORD	2,055	2,05
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	26.32	AUD	ORD	1,122	1,12
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	26.47	AUD	ORD	1,122	1,12
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	26.47	AUD	ORD	555	55
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	26.47	AUD	ORD	-249	-24
24-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	26.47	AUD	ORD	-1,285	-1,28
24-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.47	AUD	ORD	-1,177	-1,17
	BlackRock Asset Management Canada Limited	on mkt sell	26.47	AUD	ORD	-2,106	-2,10
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.47	AUD	ORD	-4,197	-4,19
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.47	AUD	ORD	2,017	2,01
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,07
24-Apr-18	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	282	28
24-Apr-18 24-Apr-18	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	846	84 16,50
24-Apr-18 24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,323 672	-7,32 67
24-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	18,969	18,96
24-Apr-18 24-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-106	-10
24-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-362	-36
24-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	900	90
24-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-623	-62
25-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,127	-4,12
25-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,739	5,73
25-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,794	-2,79
25-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	913	9
25-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	135,968	135,96
25-Apr-18	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	724	72
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	730	73
26-Apr-18	BlackRock Asset Management North Asia Limited		26.25	AUD	ORD	-18,541	-18,54
26-Apr-18	BlackRock Investment Management (UK) Limited	on mkt buy	26.68	AUD	ORD	1,229	1,2
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.75	AUD	ORD	-250	-25
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	26.75	AUD	ORD	-2,368	-2,30
26-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.69	AUD	ORD	-9,071	-9,07
26-Apr-18	BlackRock Advisors, LLC	on mkt sell	26.72	AUD	ORD	-5,415	-5,4
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.75	AUD	ORD	-8,288	-8,28
26-Apr-18	BlackRock Advisors, LLC	on mkt sell	26.75	AUD	ORD	-1,065	-1,06
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.75	AUD	ORD	-20,980	-20,98
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.75	AUD	ORD	-3,968	-3,96
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	26.75	AUD	ORD	-936	-93
26-Apr-18	BlackRock Asset Management Canada Limited	on mkt sell	26.74	AUD	ORD	-4,306	-4,30
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.75	AUD	ORD	-12,862	-12,86
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.87	AUD	ORD	-1,794	-1,79
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	26.66	AUD	ORD	290	29
	BlackRock Advisors (UK) Limited	on mkt buy	26.66	AUD	ORD	755	75
26-Apr-18	Elacin teent / latiesene (ert) Elimited						

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
26-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.66	AUD	ORD	-1,914	-1,91
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	864	86
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,74
26-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	257,146	257,14
26-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,324	-18,32
26-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-13,005	-13,00
26-Apr-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	101	10
26-Apr-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-134,732	-134,73
26-Apr-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	115	11
27-Apr-18	Limited BlackRock Institutional Trust Company,	on mkt sell	26.90	AUD	ORD	-9,684	-9,68
27-Apr-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	26.90	AUD	ORD	-17,329	-17,32
27-Apr-18	National Association BlackRock Investment Management	on mkt buy	26.84	AUD	ORD	323	32
27-Apr-18	(Australia) Limited BlackRock Investment Management	on mkt sell	26.91	AUD	ORD	-1,555	-1,55
27-Apr-18	(Australia) Limited BlackRock Investment Management	on mkt sell	26.91	AUD	ORD	-4,288	-4,28
27-Apr-18	(Australia) Limited BlackRock Investment Management	on mkt sell	26.91	AUD	ORD	-773	-77
27-Apr-18	(Australia) Limited BlackRock Investment Management	on mkt sell	26.91	AUD	ORD	-7,548	-7,54
27-Apr-18	(Australia) Limited BlackRock Investment Management	on mkt sell	26.91	AUD	ORD	-5,920	-5,92
•	(Australia) Limited						
27-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.91	AUD	ORD	-10,570	-10,57
27-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	26.90	AUD	ORD	1,163	1,16
27-Apr-18	BlackRock Asset Management Canada Limited	on mkt sell	26.90	AUD	ORD	-3,514	-3,51
27-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.90	AUD	ORD	-2,155	-2,18
27-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,069	3,06
27-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	1,084	1,08
27-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-68,567	-68,5
27-Apr-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,195	-13,1
27-Apr-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-60,408	-60,40
27-Apr-18	BlackRock Investment Management, LLC		n/a	AUD	ORD	8,284	8,28
	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	-633	-63
27-Apr-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	13,126	13,12
30-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.97	AUD	ORD	-3,981	-3,98
30-Apr-18	BlackRock Investment Management, LLC	on mkt buy	26.96	AUD	ORD	678	67
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	26.82	AUD	ORD	-3,486	-3,48
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	26.82	AUD	ORD	2,270	2,27
30-Apr-18 30-Apr-18	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	on mkt sell on mkt sell	26.82 26.82	AUD AUD	ORD ORD	-2,270 -28,955	-2,27 -28,95
30-Apr-18	Limited BlackRock Institutional Trust Company,	on mkt buy	26.82	AUD	ORD	5,374	5,37
30-Apr-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-7,093	-7,09
30-Apr-18	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-846	-84
30-Apr-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-80,751	-80,75
30-Apr-18 30-Apr-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-77,266 -68	-77,26 -6
30-Apr-18	BlackRock Investment Management, LLC	collateral transfer		AUD	ORD	-1,168	-1,16
•			n/a				
30-Apr-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,741	2,74
30-Apr-18	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-1,505	-1,50
01-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.97	AUD	ORD	-8,053	-8,05

01-Hay-18         BlackRock Investment Management         on mit buy         20.89         AUD         ORD         3,166           01-Hay-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         7,323           01-Hay-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         7,323           01-Hay-18         BlackRock Investment Management, Luc         collateral transfer         n/a         AUD         ORD         2,151           01-Hay-18         BlackRock Investment Management, Luc         collateral transfer         n/a         AUD         ORD         2,113           01-Hay-18         BlackRock Investment Management, Luc         collateral transfer         n/a         AUD         ORD         2,751           01-Hay-18         BlackRock Instantional Trust Company.         on mit sell         27.79         AUD         ORD         -2,751           02-Hay-18         BlackRock Instantional Trust Company.         on mit sell         27.81         AUD         ORD         -1,010           02-Hay-18         BlackRock Instantional Trust Company.         on mit sell         27.81         AUD         ORD         -1,010           02-Hay-18         BlackRock Instantional Trust Company.         on m	ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and n securities		Person's votes affected
Of May 18         BisckRox Fund Advicors         in specie         n/a         AUD         ORD         7,323           Of May 18         BisckRox Fund Advicors         in specie         n/a         AUD         ORD         7,323           Of May 18         BisckRox Advisors (UL United         collatert ransfer         n/a         AUD         ORD         2,1061           Of May 18         BisckRox Investment Management, ILC         collateral transfer         n/a         AUD         ORD         2,113           Of Advay 18         BisckRox Investment Management, ILC         collateral transfer         n/a         AUD         ORD         2,751           Of May 18         BisckRox Investment Management, ILC         collateral transfer         n/a         AUD         ORD         -7,750           Of May 18         BisckRox Investment Management, Inc.         on mit sell         27,79         AUD         ORD         -1,801           ORA May 18         BisckRox Instantional Trut Company, on mit sell         27,81         AUD         ORD         -1,801           ORA May 18         BisckRox Investment Management         on mit sell         27,80         AUD         ORD         -1,801           ORA May 18         BisckRox Investment         Oramay 1         27,80	01-May-18	0			AUD	ORD	3,166	3,16
of J.May 18         BlackRoot. June Co., Lid.         onlinear language         n/n         AUD         ORD         271.061           01-May 18         BlackRoot. June Co., Lid.         collateral transfer         n/n         AUD         ORD         24.1061           01-May 18         BlackRoot. Investment Management, LLC         collateral transfer         n/n         AUD         ORD         2.113           01-May 18         BlackRoot. Investment Management, LLC         collateral transfer         n/n         AUD         ORD         2.133           01-May 18         BlackRoot. Investment Management (UK)         collateral transfer         n/n         AUD         ORD         2.751           01-May 18         BlackRoot. Instructure (IK)         collateral transfer         n/n         AUD         ORD         -796           02-May 18         BlackRoot. Instructure Transfer         n/n         AUD         ORD         -1.801           02-May 18         BlackRoot. Instructure Transfer         n/n         AUD         ORD         -1.801           02-May 18         BlackRoot. Instructure Transfer         n/n         AUD         ORD         -1.801           02-May 18         BlackRoot. Instructure Transfer         n/n         AUD         ORD         -1.801	01-May-18	· · · · ·	in specie	n/a	AUD	ORD	-7.323	-7,32
Orithage 18         BitschRock Anderson (VK) Limited         collisteral transfer         n/a         AUD         ORD         -21.061           01-May-18         BitschRock Anderson (VK) Limited         collisteral transfer         n/a         AUD         ORD         -4.033           01-May-18         BitschRock Investment Management, Iuc:         collisteral transfer         n/a         AUD         ORD         -4.135           01-May-18         BitschRock Investment Management, Iuc:         collisteral transfer         n/a         AUD         ORD         -4.905           01-May-18         BitschRock Institutional Trust Company, numbed         on mkt sell         27.73         AUD         ORD         -1.001           02-May-18         BitschRock Institutional Trust Company, numbed         on mkt sell         27.78         AUD         ORD         -1.001           02-May-18         BitschRock Institutional Trust Company, number and sociation         on mkt sell         27.81         AUD         ORD         -1.010           02-May-18         BitschRock Institutional Trust Company, number and sociation         on mkt sell         27.81         AUD         ORD         -1.113           02-May-18         BitschRock Institutional Trust Company, number and sociation         on mkt sell         27.81         AUD         ORD <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>73</td>								73
Of -May -18         BisckRock Anicose (UK) Limited         collateral transfer         n'a         AUD         ORD         4.03           01-May -18         BisckRock Investment Management, LLC         collateral transfer         n'a         AUD         ORD         2,113           01-May -18         BisckRock Investment Management, LLC         collateral transfer         n'a         AUD         ORD         2,151           01-May -18         BisckRock Investment Management, ILC         collateral transfer         n'a         AUD         ORD         2,751           02-May -18         BisckRock Institutional Trast Company, on mkt sell         2,779         AUD         ORD         -1,801           02-May -18         BisckRock Institutional Trust Company, on mkt sell         2,781         AUD         ORD         -1,801           02-May -18         BisckRock Institutional Trust Company, on mkt sell         2,781         AUD         ORD         -1,010           02-May -18         BisckRock Institutional Trust Company, on mkt sell         2,781         AUD         ORD         -1,101           02-May -18         BisckRock Institutional Trust Company, on mkt sell         2,786         AUD         ORD         -1,101           02-May -18         BisckRock Institutional Trust Company, an mkt sell         2,781								-21,06
Other         BisckRock Presence         Na         AUD         ORD         41           01-May-18         BisckRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         2,113           01-May-18         BisckRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         4,005           01-May-18         BisckRock Institutional Trust Company, on mkt sell         27,79         AUD         ORD         -796           02-May-18         BisckRock Institutional Trust Company, on mkt sell         27,78         AUD         ORD         -1,001           02-May-18         BisckRock Institutional Trust Company, on mkt sell         27,81         AUD         ORD         -1,010           02-May-18         BisckRock Institutional Trust Company, on mkt sell         27,81         AUD         ORD         -1,010           02-May-18         BisckRock Institutional Trust Company, on mkt sell         27,81         AUD         ORD         -1,113           02-May-18         BisckRock Institutional Trust Company, on mkt sell         27,86         AUD         ORD         -1,138           02-May-18         BisckRock Institutional Trust Company, on mkt sell         27,86         AUD         ORD         -7,713 <t< td=""><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		· · · · · · · · · · · · · · · · · · ·						
01-May-18         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         2,113           01-May-18         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         4,505           01-May-18         BlackRock Investment Management, Inc.         on mkt sell         27,79         AUD         ORD         -796           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27,79         AUD         ORD         -1,601           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27,81         AUD         ORD         -1,601           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27,80         AUD         ORD         -1,801           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27,86         AUD         ORD         -1,318           02-May-18         BlackRock Anison, LLC         on mkt sell         27,86         AUD         ORD         -1,311           02-May-18         BlackRock Anison, LLC         on mkt sell         27,81         AUD         ORD         -1,312           02-May-18         BlackRock Anison, LLC         on mkt sell         27,81         AUD         ORD								-8,033
Ot-May-18         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -4.905           Or-May-18         BlackRock Asset Management North Asia         collateral transfer         n/a         AUD         ORD         2.751           Or-May-18         BlackRock Financial Management, Inc.         on mkt sell         27.79         AUD         ORD         -1.801           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27.71         AUD         ORD         -1.801           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27.81         AUD         ORD         -1.010           02-May-18         BlackRock Institutional Trust Company, on mkt sell         27.81         AUD         ORD         -1.010           02-May-18         BlackRock Investment Management, on mkt sell         27.80         AUD         ORD         -1.010           02-May-18         BlackRock Ansisterial Limited on mkt sell         27.86         AUD         ORD         -1.010           02-May-18         BlackRock Ansisterial Limited on mkt sell         27.81         AUD         ORD         -2.000           02-May-18         BlackRock Ansisterial Limited on mkt sell         27.81         AUD         ORD         -7.713	01-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	41	41
Limited         Initial         Initial         Initial         ORD         2,751           0.*May: 8         BlackRock financial Management, Inc.         on mit sell         27.79         AUD         ORD         -796           02-May: 8         BlackRock Institutional Trust Company, National Association         on mit sell         27.79         AUD         ORD         -4,908           02-May: 18         BlackRock Institutional Trust Company, National Association         on mit sell         27.81         AUD         ORD         -4,908           02-May: 18         BlackRock Institutional Trust Company, Institutional Association         07.81         AUD         ORD         -1,010           02-May: 18         BlackRock Institutional Trust Company, Institutional Association         07.81         AUD         ORD         -1,010           02-May: 18         BlackRock Advisors (UK) Limited         on mit sell         27.86         AUD         ORD         -1,113           02-May: 18         BlackRock Advisors (UK) Limited         on mit sell         27.86         AUD         ORD         -2,408           02-May: 18         BlackRock Advisors (UC)         on mit sell         27.81         AUD         ORD         -1,113           02-May: 18         BlackRock Advisors (UC)         on mit sell	01-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,113	2,113
Ot-May -18         BisckRock Asset Management North Asia         collateral transfer         n/a         AUD         ORD         2,751           02-May-18         BlackRock Financial Management, Inc.         on mkt sell         27.79         AUD         ORD         -796           02-May-18         BlackRock Financial Management, Inc.         on mkt sell         27.79         AUD         ORD         -1.801           02-May-18         BlackRock Institutional Trust Company, no mkt sell         27.81         AUD         ORD         -1.801           02-May-18         BlackRock Institutional Trust Company, no mkt sell         27.81         AUD         ORD         -1.938           02-May-18         BlackRock Institutional Trust Company, no mkt sell         27.81         AUD         ORD         -1.138           02-May-18         BlackRock Investment Management on mkt sell         27.86         AUD         ORD         -3.102           02-May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -3.102           02-May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -5.936           02-May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD	01-May-18	<b>e</b> ( )	collateral transfer	n/a	AUD	ORD	-4,905	-4,905
02:May-18         BlackRock Financial Management, Inc.         on mkt sell         27.79         AUD         ORD         -796           02:May-18         BlackRock Institutional Trust Company, on mkt sell         27.79         AUD         ORD         -1.801           02:May-18         BlackRock Institutional Trust Company, on mkt sell         27.81         AUD         ORD         -4.908           02:May-18         BlackRock Institutional Trust Company, on mkt sell         27.81         AUD         ORD         -1.010           02:May-18         BlackRock Institutional Trust Company, on mkt sell         27.80         AUD         ORD         -1.138           02:May-18         BlackRock Investment Management, on mkt sell         27.86         AUD         ORD         -1.113           02:May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -2.408           02:May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -3.102           02:May-18         BlackRock Advisors (UK)         on mkt sell         27.81         AUD         ORD         -5.96           02:May-18         BlackRock Advisors (UK)         on mkt sell         27.81         AUD         ORD         -1.181	01-May-18	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	2,751	2,751
National Association           02-May 18         BickRock Institutional Tust Company, National Association         on mkt sell         27.81         AUD         ORD         -4.908           02-May 18         BickRock Institutional Tust Company, National Association         on mkt sell         27.80         AUD         ORD         -1.010           02-May 18         BickRock Institutional Tust Company, National Association         on mkt sell         27.80         AUD         ORD         -1.388           02-May 18         BickRock Avisors (UK) Limited         on mkt sell         27.86         AUD         ORD         -3.402           02-May 18         BickRock Avisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -3.102           02-May 18         BickRock Avisors (UK) Limited         on mkt sell         27.80         AUD         ORD         -9.366           02-May 18         BickRock Avisors, LLC         on mkt sell         27.81         AUD         ORD         -9.366           02-May 18         BickRock Avisors, LLC         on mkt sell         27.81         AUD         ORD         -1.181           02-May 18         BickRock Avisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -1.080 <td< td=""><td>02-May-18</td><td></td><td>on mkt sell</td><td>27.79</td><td>AUD</td><td>ORD</td><td>-796</td><td>-796</td></td<>	02-May-18		on mkt sell	27.79	AUD	ORD	-796	-796
02:May-18         BlackRock Institutional Tust Company. Institutional Association         on mkt sell         27.81         AUD         ORD         -4,908           02:May-18         BlackRock Institutional Tust Company. National Association         on mkt sell         27.81         AUD         ORD         -1,010           02:May-18         BlackRock Institutional Tust Company. National Association         on mkt sell         27.80         AUD         ORD         -1,388           02:May-18         BlackRock Investment Management (Australia) Limited         on mkt sell         27.86         AUD         ORD         -3,102           02:May-18         BlackRock Aveisons (UK) Limited         on mkt sell         27.86         AUD         ORD         -7,713           02:May-18         BlackRock Aveisons, LLC         on mkt sell         27.81         AUD         ORD         -7,113           02:May-18         BlackRock Asset Management (Canada (Australia) Limited         on mkt sell         27.81         AUD         ORD         -6153           02:May-18         BlackRock Institutional Tust Company. (DataRock Institutional Tust Company. (DataRock Institutional Tust Company. (Particle 1)         on mkt sell         27.81         AUD         ORD         -613           02:May-18         BlackRock Instinstitutinal Tust Company. (Particle 1)         on mkt s	02-May-18		on mkt sell	27.79	AUD	ORD	-1,801	-1,801
02:May-18         BlackRock Institutional Trust Company, mor mixt sell         27.81         AUD         ORD         -1,010           02:May-18         BlackRock Institutional Trust Company, mor mixt sell         0.7 May 18         BlackRock Institutional Trust Company, mor mixt sell         0.7 May 18         ORD         -1,388           02:May-18         BlackRock Institutional Trust Company, mor mixt sell         0.7 May 18         DRC Ma	02-May-18	BlackRock Institutional Trust Company,	on mkt sell	27.81	AUD	ORD	-4,908	-4,908
02:May-18         BlackRock Institutional Trust Company, Institutional Association         on mkt sell         27.80         AUD         ORD         -1,388           02:May-18         BlackRock Investment Management (Australia) Limited         on mkt sell         27.86         AUD         ORD         -1,113           02:May-18         BlackRock Investment Management (Australia) Limited         on mkt sell         27.86         AUD         ORD         -2,408           02:May-18         BlackRock Advisors (LIC         on mkt sell         27.81         AUD         ORD         -7,713           02:May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -7,713           02:May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -1,181           02:May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -613           02:May-18         BlackRock Investment Management, Inc.         on mkt sell         27.81         AUD         ORD         -613           02:May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -1,080           02:May-18         BlackRoc	02-May-18	BlackRock Institutional Trust Company,	on mkt sell	27.81	AUD	ORD	-1,010	-1,010
02:May-18         BlackRock Investment Management         on mkt sell         27.86         AUD         ORD         -1,113           02:May-18         BlackRock Investment Management         on mkt sell         27.81         AUD         ORD         -2.408           02:May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.86         AUD         ORD         -3.102           02:May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -7.713           02:May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -1.181           02:May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -565           02:May-18         BlackRock Investment Management         on mkt sell         27.80         AUD         ORD         -613           02:May-18         BlackRock Investment Management (UK)         on mkt sell         27.80         AUD         ORD         -1.080           02:May-18         BlackRock Institutional Trust Company, on mkt sell         27.81         AUD         ORD         -1.939           02:May-18         BlackRock Institutional Trust Company, on mkt sell         27.81         AUD	02-May-18	BlackRock Institutional Trust Company,	on mkt sell	27.80	AUD	ORD	-1,388	-1,388
02:May:18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -2.408           02:May:18         BlackRock Advisors (UK) Limited         on mkt sell         27.86         AUD         ORD         -3.102           02:May:18         BlackRock Advisors (UL)         on mkt sell         27.81         AUD         ORD         -7.713           02:May:18         BlackRock Financial Management, Inc.         on mkt sell         27.81         AUD         ORD         -7.713           02:May:18         BlackRock Advisors (UK) Instead         on mkt sell         27.81         AUD         ORD         -1.181           02:May:18         BlackRock Investment Management         on mkt sell         27.80         AUD         ORD         -565           02:May:18         BlackRock Investment Management (UK)         on mkt sell         27.80         AUD         ORD         -1.080           02:May:18         BlackRock Institutional Trust Company.         on mkt sell         27.81         AUD         ORD         -1.939           02:May:18         BlackRock Institutional Trust Company.         on mkt sell         27.81         AUD         ORD         -2.229           02:May:18         BlackRock Institutional Trust Company.         on mkt se	02-May-18	BlackRock Investment Management	on mkt sell	27.86	AUD	ORD	-1,113	-1,113
02-May-18         BlackRock Investment Management (Mustralia) Limited         on mkt sell         27.86         AUD         ORD         -3,102           02-May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -7,713           02-May-18         BlackRock Advisors, LLC         on mkt sell         27.80         AUD         ORD         -3366           02-May-18         BlackRock Asset Management Canada on mkt sell         on mkt sell         27.86         AUD         ORD         -1.181           02-May-18         BlackRock Investment Management (LC         on mkt sell         27.86         AUD         ORD         -665           02-May-18         BlackRock Investment Management (UK)         on mkt sell         27.86         AUD         ORD         -1.181           02-May-18         BlackRock Investment Management (UK)         on mkt sell         27.80         AUD         ORD         -1.080           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -1.223           02-May-18         BlackRock Ainstitutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -2.229           02-May-18	00 14 40	, , , , , , , , , , , , , , , , , , ,	on militia all	07.04		000	0.400	0.400
02-May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -7,713           02-May-18         BlackRock Financial Management, Inc.         on mkt sell         27.80         AUD         ORD         -936           02-May-18         BlackRock Asset Management Canada         on mkt sell         27.81         AUD         ORD         -1.181           02-May-18         BlackRock Investment Management, ILC         on mkt sell         27.86         AUD         ORD         -613           02-May-18         BlackRock Investment Management, ILC         on mkt sell         27.81         AUD         ORD         -10.80           02-May-18         BlackRock Investment Management, UK)         on mkt sell         27.81         AUD         ORD         -17.523           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.80         AUD         ORD         -1.939           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -2.239           02-May-18         BlackRock Asistrutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -2.6499           02-May-18<		BlackRock Investment Management						-2,408 -3,102
02-May-18         BlackRock Financial Management, Inc.         on mkt sell         27.80         AUD         ORD         -936           02-May-18         BlackRock Investment Management (Australia) Limited         on mkt sell         27.81         AUD         ORD         -1,181           02-May-18         BlackRock Investment Management (Australia) Limited         on mkt sell         27.81         AUD         ORD         -565           02-May-18         BlackRock Investment Management (UK)         on mkt sell         27.80         AUD         ORD         -100           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -1,080           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -1,339           02-May-18         BlackRock Arkisors (LC         on mkt sell         27.81         AUD         ORD         -2,229           02-May-18         BlackRock Arkisors (UC         on mkt sell         27.81         AUD         ORD         -2,649           02-May-18         BlackRock Arkisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -4,649           02-May-18         <	00.14 40			07.04		000	7 740	
02-May-18       BlackRock Asset Management Canada Limited       on mkt sell       27.81       AUD       ORD       -1,181         02-May-18       BlackRock Investment Management Australia) Limited       on mkt sell       27.86       AUD       ORD       -565         02-May-18       BlackRock Investment Management, LLC       on mkt sell       27.81       AUD       ORD       -103         02-May-18       BlackRock Investment Management (UK) Diated and the sell       27.81       AUD       ORD       -1,080         02-May-18       BlackRock Institutional Trust Company, National Association       on mkt sell       27.81       AUD       ORD       -1,7523         02-May-18       BlackRock Institutional Trust Company, National Association       on mkt sell       27.81       AUD       ORD       -2,229         02-May-18       BlackRock Institutional Trust Company, National Association       on mkt sell       27.81       AUD       ORD       -2,229         02-May-18       BlackRock Avisors (UK) Limited       on mkt sell       27.81       AUD       ORD       -2,229         02-May-18       BlackRock Avisors (UK) Limited       on mkt sell       27.81       AUD       ORD       -4,649         02-May-18       BlackRock Avisors (UK) Limited       on mkt sell       27.81								-7,71: -930
Limited           02-May-18         BlackRock Investment Management, LLC on mkt sell         27.86         AUD         ORD         -566           02-May-18         BlackRock Investment Management, LLC on mkt sell         27.81         AUD         ORD         -613           02-May-18         BlackRock Investment Management (UK)         on mkt sell         27.80         AUD         ORD         -1,080           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -17,523           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -1,939           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -2,229           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -2,649           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -2,6149           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -5,618 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-1,181</td></td<>								-1,181
(Australia) Limited           02-May-18         BlackRock Investment Management, LLC on mkt sell         27.81         AUD         ORD         -613           02-May-18         BlackRock Investment Management (UK)         on mkt sell         27.80         AUD         ORD         -1,080           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -17,523           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.80         AUD         ORD         -1,939           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -2,229           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -2,229           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -4,649           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.86         AUD         ORD         -3,039           02-May-18         BlackRock Asset Management         on mkt sell         27.86         AUD         ORD		Limited						-565
02-May-18       BlackRock Investment Management (UK)       on mkt sell       27.80       AUD       ORD       -1,080         02-May-18       BlackRock Institutional Trust Company, National Association       on mkt sell       27.81       AUD       ORD       -1,080         02-May-18       BlackRock Institutional Trust Company, National Association       on mkt sell       27.80       AUD       ORD       -1,939         02-May-18       BlackRock Advisors, LLC       on mkt sell       27.81       AUD       ORD       -2,229         02-May-18       BlackRock Institutional Trust Company, National Association       on mkt sell       27.81       AUD       ORD       -2,229         02-May-18       BlackRock Advisors (UK) Limited       on mkt sell       27.81       AUD       ORD       -4,649         02-May-18       BlackRock Advisors (UK) Limited       on mkt sell       27.81       AUD       ORD       -4,025         02-May-18       BlackRock Advisors (UK) Limited       on mkt sell       27.81       AUD       ORD       -3,039         02-May-18       BlackRock Advisors (UK) Limited       on mkt sell       27.83       AUD       ORD       -7,599         02-May-18       BlackRock Institutional Trust Company, (Australia) Limited       on mkt sell       27.86		(Australia) Limited						
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National Association           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.80         AUD         ORD         -1,939           02-May-18         BlackRock Advisors, LLC         on mkt sell         27.81         AUD         ORD         -2,229           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -26,499           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.81         AUD         ORD         -4,649           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -4,025           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.81         AUD         ORD         -3,039           02-May-18         BlackRock Advisors (UK) Limited         on mkt sell         27.86         AUD         ORD         -5,618           (Australia) Limited         on mkt sell         27.86         AUD         ORD         -4,583           02-May-18         BlackRock Institutional Trust Company, National Association         on mkt sell         27.86         AUD         ORD         -26,636	-	Limited					,	-1,080
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02-May-18BlackRock Advisors (UK) Limited (Australia) Limitedon mkt sell27.81AUDORD-3,03902-May-18BlackRock Investment Management (Australia) Limitedon mkt sell27.86AUDORD-5,61802-May-18BlackRock Asset Management Canada (Australia) Limitedon mkt sell27.83AUDORD-7,59902-May-18BlackRock Investment Management (Australia) Limitedon mkt sell27.86AUDORD-4,58302-May-18BlackRock Institutional Trust Company, National Associationon mkt sell27.81AUDORD-26,63602-May-18BlackRock Institutional Trust Company, National Associationon mkt buy27.90AUDORD25,04702-May-18BlackRock Institutional Trust Company, National Associationon mkt buy27.90AUDORD10,30802-May-18BlackRock Advisors (UK) Limited ORLon mkt buy27.90AUDORD10,31602-May-18BlackRock Advisors (UK) Limited ORLon mkt buy27.79AUDORD3,49202-May-18BlackRock Advisors (UK) Limited ORLon mkt buy27.79AUDORD1,98502-May-18BlackRock Institutional Trust Company, National Associationon mkt buy27.79AUDORD3,49202-May-18BlackRock Advisors (UK) Limited Limitedon mkt buy27.79AUDORD1,98502-May-18BlackRock Investment Management, Inc. Limitedon mkt sell27	02-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27 81	AUD	ORD	-4 025	-4,02
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National Association02-May-18BlackRock Institutional Trust Company, National Associationon mkt buy27.90AUDORD10,31602-May-18BlackRock Advisors (UK) Limited D2-May-18on mkt buy27.79AUDORD3,49202-May-18BlackRock Advisors (UK) Limited D2-May-18on mkt buy27.79AUDORD60402-May-18BlackRock Advisors (UK) Limited D2-May-18on mkt buy27.79AUDORD1,98502-May-18BlackRock Investment Management, Inc. Limitedon mkt sell27.79AUDORD-72202-May-18BlackRock Asset Management Canada Limitedon mkt sell27.79AUDORD-622	-	National Association						10,308
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02-May-18       BlackRock Advisors (UK) Limited       on mkt buy       27.79       AUD       ORD       604         02-May-18       BlackRock Financial Management, Inc.       on mkt buy       27.79       AUD       ORD       1,985         02-May-18       BlackRock Investment Management (UK)       on mkt sell       27.79       AUD       ORD       -722         02-May-18       BlackRock Investment Management (UK)       on mkt sell       27.79       AUD       ORD       -722         02-May-18       BlackRock Asset Management Canada       on mkt sell       27.79       AUD       ORD       -622         Limited       Limited       27.79       AUD       ORD       -622	•	National Association	•					
02-May-18       BlackRock Financial Management, Inc.       on mkt buy       27.79       AUD       ORD       1,985         02-May-18       BlackRock Investment Management (UK) on mkt sell       27.79       AUD       ORD       -722         02-May-18       BlackRock Asset Management Canada       on mkt sell       27.79       AUD       ORD       -722         02-May-18       BlackRock Asset Management Canada       on mkt sell       27.79       AUD       ORD       -622         Limited       Limited       27.79       AUD       ORD       -622		· · · ·						3,492
Limited       02-May-18     BlackRock Asset Management Canada on mkt sell     27.79     AUD     ORD     -622       Limited		· · · ·						604 1,985
02-May-18 BlackRock Asset Management Canada on mkt sell 27.79 AUD ORD -622 Limited	02-May-18		on mkt sell	27.79	AUD	ORD	-722	-722
	02-May-18	BlackRock Asset Management Canada	on mkt sell	27.79	AUD	ORD	-622	-622
	02-May-18	Limited BlackRock Advisors (UK) Limited	on mkt sell	27.79	AUD	ORD	-4,403	-4,403

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
02-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.79	AUD	ORD	-9,954	-9,95
02-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,008	1,00
02-May-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,865	2,86
02-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,170	-6,17
02-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-32,319	-32,31
02-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,025	-40,02
02-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	157	1
02-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,375	-2,3
02-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,853	2,8
02-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-634	-6
02-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-90,594	-90,5
03-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-6,922	-6,9
03-May-18	BlackRock Investment Management	on mkt sell	27.94	AUD	ORD	-7,915	-7,9
03-May-18	(Australia) Limited BlackRock Investment Management	on mkt buy	27.88	AUD	ORD	1,359	1,3
02 May 19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt huv	27.65			1 100	4.4
03-May-18 03-May-18	BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	27.65 27.65	AUD AUD	ORD ORD	<u>1,162</u> 584	1,1
03-May-18	BlackRock Investment Management, LLC	on mkt sell	27.61	AUD	ORD	-4,664	-4,6
03-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,323	-7,3
03-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-11,899	-11,8
03-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	17,485	17,4
03-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	56,608	56,6
03-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	124,276	124,2
03-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	86,345	86,3
03-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	22,648	22,6
04-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.42	AUD	ORD	-6,456	-6,4
04-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.41	AUD	ORD	-1,567	-1,5
04-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.41	AUD	ORD	-7,514	-7,5
04-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.41	AUD	ORD	-5,576	-5,5
04-May-18	BlackRock Advisors, LLC	on mkt sell	27.41	AUD	ORD	-8,207	-8,2
04-May-18	BlackRock Advisors, LLC	on mkt sell	27.41	AUD	ORD	-2,243	-2,2
04-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.41	AUD	ORD	-1,397	-1,3
04-May-18	BlackRock Asset Management Canada Limited	on mkt sell	27.41	AUD	ORD	-2,284	-2,2
04-May-18	BlackRock Investment Management, LLC	on mkt sell	27.41	AUD	ORD	-1,414	-1,4
04-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.41	AUD	ORD	-1,583	-1,5
04-May-18	BlackRock Institutional Trust Company,	on mkt sell	27.41	AUD	ORD	-27,251	-27,2
04-May-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	27.41	AUD	ORD	-2,396	-2,3
04-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.41	AUD	ORD	-4,265	-4,2
04-May-18	BlackRock Advisors, LLC	on mkt sell	27.41	AUD	ORD	-3,161	-3,1
04-May-18	BlackRock Institutional Trust Company,	on mkt sell	27.41	AUD	ORD	-24,296	-3,1 -24,2
04-May-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	27.41	AUD	ORD	-7,998	-7,9
04-May-18	National Association BlackRock Advisors (UK) Limited	on mkt sell	27.41	AUD	ORD	-5,671	-5,6
04-May-18 04-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.41	AUD	ORD	-5,671 -4,459	-5,6 -4,4
04-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.41	AUD	ORD	-6,505	-4,4
04-May-18	BlackRock Institutional Trust Company,	on mkt sell	27.41	AUD	ORD	-27,334	-27,3

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
04-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.42	AUD	ORD	-1,852	-1,85
04-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.42	AUD	ORD	-4,914	-4,91
04-May-18	BlackRock International Limited	on mkt sell	27.42	AUD	ORD	-5,334	-5,33
04-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,80
04-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	89,329	89,32
04-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-230,879	-230,87
04-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-647	-64
04-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,869	5,86
04-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,748	-5,74
04-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-151	-15
07-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.73	AUD	ORD	-3,745	-3,74
07-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.73	AUD	ORD	-58,677	-58,67
07-May-18	BlackRock Fund Advisors	on mkt buy	27.47	AUD	ORD	2,111	2,11
07-May-18	BlackRock Investment Management, LLC	on mkt buy	27.68	AUD	ORD	4,834	4,83
07-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	487,496	487,49
07-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	599,473	599,47
07-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-56,076	-56,07
07-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,129	-3,12
07-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-27,809	-27,80
07-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-875	-87
08-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.21	AUD	ORD	-2,933	-2,93
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.21	AUD	ORD	-9,005	-9,00
08-May-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-10,705	-10,70
08-May-18	BlackRock International Limited	on mkt sell	27.21	AUD	ORD	-8,702	-8,70
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-4,231	-4,23
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-2,785	-2,78
08-May-18	BlackRock Investment Management, LLC	on mkt sell	27.20	AUD	ORD	-6,901	-6,90
08-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.20	AUD	ORD	-1,346	-1,34
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-1,355	-1,35
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-1,360	-1,36
08-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.20	AUD	ORD	-11,066	-11,06
08-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.18	AUD	ORD	-5,593	-5,59
08-May-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-1,691	-1,69
08-May-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-13,906	-13,90
08-May-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-9,269	-9,26
08-May-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-5,330	-5,33
08-May-18	BlackRock Advisors, LLC	on mkt sell	27.20	AUD	ORD	-2,168	-2,16
08-May-18	BlackRock Advisors, LLC	on mkt sell	27.20	AUD	ORD	-4,564	-4,56
08-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.20	AUD	ORD	-2,242	-2,24
00-1viay-10	Diackrock i mancial management, inc.	on mixt sei	27.20			-2,242	
08-May-18	BlackRock Asset Management Canada Limited	on mkt sell	27.20	AUD	ORD	-4,534	-4,53
08-May-18	BlackRock Investment Management, LLC	on mkt sell	27.20	AUD	ORD	-2,690	-2,69
08-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.20	AUD	ORD	-3,032	-3,03
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-61,275	-61,27
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-5,972	-5,97
08-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.20	AUD	ORD	-6,877	-6,87

ate of Change	Person whose relevant interest changed	Nature of ch Consideration give change	en in relation to	ССҮ	Class and r securities		Person's votes affected
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-1,276	-1,27
08-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.20	AUD	ORD	-3,678	-3,67
08-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.20	AUD	ORD	-12,325	-12,32
08-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.20	AUD	ORD	-9,369	-9,36
08-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.20	AUD	ORD	-15,910	-15,91
08-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.20	AUD	ORD	-923	-92
08-May-18	BlackRock Asset Management Canada Limited	on mkt sell	27.20	AUD	ORD	-3,579	-3,57
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-1,564	-1,56
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-7,391	-7,39
08-May-18	BlackRock Advisors, LLC	on mkt sell	27.20	AUD	ORD	-480	-48
08-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-368	-36
08-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.13	AUD	ORD	24,230	24,23
08-May-18	BlackRock Advisors, LLC	on mkt buy	27.13	AUD	ORD	2,172	2,17
08-May-18	BlackRock Institutional Trust Company,	on mkt buy	27.13	AUD	ORD	34,563	34,56
08-May-18	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-71,391	-71,39
08-May-18	National Association BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	71,391	71,39
		-1		-	-	,	7
08-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	404,188	404,18
08-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-409,889	-409,88
08-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	78	7
08-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,921	5,92
08-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,416	-9,41
08-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,304	4,30
09-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.18	AUD	ORD	279	27
09-May-18	BlackRock Fund Advisors	on mkt buy	27.02	AUD	ORD	160	16
09-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.20	AUD	ORD	-2,964	-2,96
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.20	AUD	ORD	-829	-82
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.20	AUD	ORD	-2,311	-2,31
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.20	AUD	ORD	-423	-42
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.20	AUD	ORD	-4,190	-4,19
09-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.16	AUD	ORD	-1,129	-1,12
09-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.22	AUD	ORD	9,596	9,59
09-May-18	BlackRock Institutional Trust Company,	on mkt buy	27.22	AUD	ORD	1,854	1,85
09-May-18	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	27.22	AUD	ORD	1,848	1,84
09-May-18	National Association BlackRock Investment Management	on mkt buy	27.18	AUD	ORD	5,628	5,62
09-May-18	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	27.29	AUD	ORD	1,162	1,16
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.29	AUD	ORD	5,810	5,81
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.29	AUD	ORD	292	29
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.29	AUD	ORD	572	57
09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.29	AUD	ORD	-932	-93
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.29	AUD	ORD	2,272	2,27
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.29	AUD	ORD	920	92
09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.29	AUD	ORD	-9,072	-9,07
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.29 27.29	AUD AUD	ORD ORD	572 -682	57
09-May-18 09-May-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt buy	27.29	AUD	ORD	-682 464	-68 46
	Elastitook hariooto (Ory Lillilleu						
09-May-18	BlackRock Fund Advisors	on mkt buy	27.29	AUD	ORD	7,360	7,36

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.29	AUD	ORD	643	64
09-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,440	9,44
09-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-14,367	-14,36
09-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-793,362	-793,36
09-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	191,642	191,64
09-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	26,574	26,57
09-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-11,427	-11,42
09-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	38,812	38,812
09-May-18	Limited BlackRock Asset Management North Asia		n/a	AUD	ORD	-6,013	-6,01
-	Limited					,	,
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-1,814	-1,814
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-1,588	-1,588
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-1,631	-1,63
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.88	AUD	ORD	-5,506	-5,506
10-May-18	BlackRock Investment Management	on mkt sell	27.88	AUD	ORD	-3,988	-3,98
10 may-10	(Australia) Limited	5.1 mix 300	21.00	100		-3,300	-3,30
10-May-18	BlackRock Advisors, LLC	on mkt sell	27.88	AUD	ORD	-3,775	-3,77
10-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.88	AUD	ORD	-1,443	-1,44
-	<b>.</b> .						
10-May-18	BlackRock Asset Management Canada Limited	on mkt sell	27.88	AUD	ORD	-2,489	-2,489
10-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.88	AUD	ORD	-1,260	-1,260
10-May-18	BlackRock Investment Management, LLC	on mkt sell	27.88	AUD	ORD	-1,310	-1,310
10-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.88	AUD	ORD	-1,752	-1,752
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-26,302	-26,302
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-2,328	-2,328
10-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.88	AUD	ORD	-5,203	-5,203
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-3,465	-3,465
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.88	AUD	ORD	-6,813	-6,813
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.88	AUD	ORD	-5,388	-5,38
	BlackRock Asset Management Canada	on mkt buy	27.98	AUD	ORD	-3,388	-5,38
10-May-18	Limited	on miki buy	27.98	AUD	ORD	131	73
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.88	AUD	ORD	-7,312	-7,312
10-May-18	BlackRock Financial Management, Inc.	on mkt sell	27.82	AUD	ORD	-1,749	-1,749
10-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.82	AUD	ORD	-4,201	-4,201
10 May 10		an mist call	27.82		000	6 460	6.46
10-May-18 10-May-18	BlackRock International Limited BlackRock Financial Management, Inc.	on mkt sell on mkt sell	27.82	AUD AUD	ORD ORD	-6,462 -827	-6,46 -82
-	_						
10-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.86	AUD	ORD	3,489	3,48
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.06	AUD	ORD	-4,551	-4,55
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.06	AUD	ORD	-20,293	-20,293
10-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,228	-3,228
10-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-836	-836
10-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	19,603	19,603
10-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	9,461	9,46
10-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	2,080	2,080
10-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-1,684	-1,684
	Limited						
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.26	AUD	ORD	2,326	2,326
11-May-18	BlackRock Financial Management, Inc.	on mkt buy	28.26	AUD	ORD	1,507	1,507
11-May-18	BlackRock Advisors, LLC	on mkt buy	28.26	AUD	ORD	8,787	8,787
11-May-18	BlackRock Institutional Trust Company,	on mkt buy	28.26	AUD	ORD	1,209	1,209

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
11-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.26	AUD	ORD	677	67
11-May-18	BlackRock International Limited	on mkt buy	28.26	AUD	ORD	1,128	1,12
11-May-18	BlackRock Financial Management, Inc.	on mkt buy	28.26	AUD	ORD	3,704	3,704
11-May-18	BlackRock Investment Management, LLC	on mkt buy	28.26	AUD	ORD	922	922
11-May-18	BlackRock Institutional Trust Company,	on mkt sell	28.26	AUD	ORD	-1,368	-1,368
11-May-18	National Association BlackRock Financial Management, Inc.	on mkt sell	28.27	AUD	ORD	-20,821	-20,82
11-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.26	AUD	ORD	-584	-58
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.26	AUD	ORD	4,652	4,65
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.26	AUD	ORD	715	71
11-May-18	BlackRock Investment Management (UK)	on mkt buy	28.26	AUD	ORD	7,523	7,52
•	Limited	on niki buy	20.20				
11-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,543	4,543
11-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	672	672
11-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	87,891	87,891
11-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	16,013	16,013
11-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	36,839	36,839
11-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,354	3,354
11-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	17,837	17,837
11-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,312	1,312
14-May-18	Limited BlackRock Institutional Trust Company,	on mkt sell	28.67	AUD	ORD	-891	-89
14-May-18	National Association BlackRock Investment Management	on mkt sell	28.74	AUD	ORD	-79	-79
	(Australia) Limited						
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.74	AUD	ORD	-3,966	-3,966
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.74	AUD	ORD	-19	-19
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.70	AUD	ORD	-1,190	-1,190
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.70	AUD	ORD	-59,528	-59,528
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.70	AUD	ORD	-282	-282
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.70	AUD	ORD	-173	-173
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.70	AUD	ORD	-8,632	-8,632
14-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.70	AUD	ORD	-41	-4′
14-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.68	AUD	ORD	3,486	3,480
14-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.68	AUD	ORD	-3,420	-3,420
14-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.68	AUD	ORD	-6,840	-6,840
14-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.68	AUD	ORD	-0,840	-0,840
14-May-18	BlackRock Advisors (UK) Limited	,	28.68	AUD	ORD	-455	-45
14-May-18 14-May-18	BlackRock Investment Management, LLC	on mkt sell on mkt buy	28.68	AUD	ORD	5,297	-45
14-May-18	BlackRock Fund Advisors	in specie	2/2	AUD	ORD	2,065	2,06
	BlackRock Japan Co., Ltd.	collateral transfer	n/a				1
14-May-18			n/a	AUD	ORD	396,461	396,46
14-May-18 14-May-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-4,726 675	-4,726 675
14-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,017	1,017
				AUD	ORD	-4,044	-4,044
14-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a			,	
14-May-18	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-196	-196
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-426	-426
15-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.69	AUD	ORD	-3,354	-3,354
15-May-18	BlackRock Investment Management, LLC	on mkt sell	28.61	AUD	ORD	-945	-94

Date of Change	Person whose relevant interest changed		re of change (6) / tion given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-9,861	-9,86
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-207	-207
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-138	-138
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-37	-3
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.61	AUD	ORD	-1,673	-1,673
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.61	AUD	ORD	-355	-35
15-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.61	AUD	ORD	-716	-710
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.61	AUD	ORD	-204	-20-
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.68	AUD	ORD	-13,068	-13,068
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.61	AUD	ORD	-63	-63
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.61	AUD	ORD	-74	-74
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.61	AUD	ORD	-1,206	-1,206
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.61	AUD	ORD	-860	-860
15-May-18	BlackRock Advisors, LLC	on mkt sell	28.61	AUD	ORD	-187	-187
15-May-18	BlackRock Advisors, LLC	on mkt sell	28.61	AUD	ORD	-560	-560
15-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.61	AUD	ORD	-317	-317
15-May-18	BlackRock Asset Management Canada Limited	on mkt sell	28.61	AUD	ORD	-695	-695
15-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.61	AUD	ORD	-5,459	-5,459
15-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.61	AUD	ORD	-1,699	-1,699
15-May-18	BlackRock Investment Management, LLC	on mkt sell	28.61	AUD	ORD	-300	-300
15-May-18	BlackRock International Limited	on mkt sell	28.69	AUD	ORD	-12,093	-12,093
15-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.61	AUD	ORD	-383	-383
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-1,214	-1,214
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-7,097	-7,097
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-56	-50
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-709	-709
15-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.61	AUD	ORD	-1,082	-1,082
15-May-18	BlackRock Advisors, LLC	on mkt sell	28.61	AUD	ORD	-97	-97
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-886	-886
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-163	-163
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-4,424	-4,424
15-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.61	AUD	ORD	-538	-538
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.61	AUD	ORD	-1,812	-1,812
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.61	AUD	ORD	-1,414	-1,414
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.61	AUD	ORD	-2,105	-2,10
15-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.61	AUD	ORD	-149	-149
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-213	-213
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.61	AUD	ORD	-1,646	-1,646
15-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.71	AUD	ORD	-5,043	-5,043
15-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.71	AUD	ORD	-252,127	-252,127
15-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.71	AUD	ORD	-1,195	-1,198
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.67	AUD	ORD	-5,383	-5,383
15-May-18	BlackRock Investment Management, LLC	on mkt buy	28.67	AUD	ORD	1,641	1,641
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-2,677	-2,677
15-May-18	BlackRock Investment Management, LLC	on mkt sell	28.71	AUD	ORD	-5,938	-5,938

ate of Change	Person whose relevant interest changed	Nature of ch Consideration give change	en in relation to	ССҮ	Class and r securities		Person's votes affected
15-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.71	AUD	ORD	-1,078	-1,07
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-1,301	-1,30
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-864	-86
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-233	-23
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.71	AUD	ORD	-10,516	-10,51
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.71	AUD	ORD	-2,228	-2,22
15-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.71	AUD	ORD	-4,500	-4,50
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.71	AUD	ORD	-1,285	-1,2
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.71	AUD	ORD	-399	-3
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.71	AUD	ORD	-467	-4
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.71	AUD	ORD	-7,582	-7,5
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	28.71	AUD	ORD	-5,404	-5,4
15-May-18	BlackRock Advisors, LLC	on mkt sell	28.71	AUD	ORD	-1,173	-1,1
15-May-18 15-May-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	28.71 28.71	AUD AUD	ORD ORD	-3,522 -1,994	-3,5 -1,9
15-May-18	BlackRock Asset Management Canada	on mkt sell	28.71	AUD	ORD	-4,370	-4,3
15-May-18	Limited BlackRock Investment Management, LLC	on mkt sell	28.71	AUD	ORD	-1,886	-1,8
15-May-18	BlackRock Investment Management (UK)	on mkt sell	28.71	AUD	ORD	-2,407	-2,4
-	Limited BlackRock Institutional Trust Company,	on mkt sell	28.71	AUD	ORD	-7,629	-7,6
15-May-18	National Association BlackRock Institutional Trust Company,	on mkt sell	28.71	AUD	ORD	-44,601	-44,6
15-May-18	National Association BlackRock Institutional Trust Company,	on mkt sell	28.71	AUD	ORD	-355	-3
15-May-18	National Association BlackRock Institutional Trust Company,	on mkt sell	28.71	AUD	ORD	-4,457	-4,4
15-May-18	National Association BlackRock Financial Management, Inc.	on mkt sell	28.71	AUD	ORD	-6,799	-4,-
10-Way-10		on mixt sen	20.71	AUD	OND	-0,733	-0,7
15-May-18	BlackRock Advisors, LLC	on mkt sell	28.71	AUD	ORD	-609	-6
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-5,568	-5,5
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-1,022	-1,(
15-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.71	AUD	ORD	-3,383	-3,3
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.71	AUD	ORD	-11,388	-11,3
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.71	AUD	ORD	-8,886	-8,8
15-May-18 15-May-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt sell on mkt sell	28.71 28.71	AUD AUD	ORD ORD	-13,229 -940	-13,2
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-1,339	-1,3
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.71	AUD	ORD	-10,348	-10,3
15-May-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	14,367	14,3
15-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	19,267	19,2
15-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,776	3,7
15-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	36,824	36,8
15-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,519	-5,5
15-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-48,512	-48,5
15-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,866	-4,8
15-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,665	-24,6
15-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,937	4,9
16-May-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	2,708	2,7
16-May-18	BlackRock Fund Advisors	on mkt buy	28.57	AUD	ORD	2,024	2,0
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.40	AUD	ORD	-1,207	-1,2
16-May-18	BlackRock Investment Management	on mkt sell	28.40	AUD	ORD	-3,911	-3,9

16-May-18	BlackRock Investment Management						affected
	(Australia) Limited	on mkt sell	28.40	AUD	ORD	-664	-66
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.40	AUD	ORD	-6,243	-6,243
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.40	AUD	ORD	-4,311	-4,31
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.40	AUD	ORD	-5,463	-5,46
16-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.46	AUD	ORD	1,727	1,72
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.27	AUD	ORD	292	29
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.27	AUD	ORD	1,001	1,00
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.27	AUD	ORD	143	14
16-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.27	AUD	ORD	-454	-45
16-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.27	AUD	ORD	-908	-90
16-May-18	BlackRock Asset Management North Asia Limited	on mkt buy	28.27	AUD	ORD	1,910	1,910
16-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.27	AUD	ORD	-22,184	-22,184
16-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	10
16-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	223	223
16-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,616	7,61
16-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-673,858	-673,85
16-May-18 16-May-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	5,079 48,777	5,079 48,77
16-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-27,102	-27,102
16-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	652,737	652,73
16-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	28,308	28,30
17-May-18	Limited BlackRock Institutional Trust Company,	on mkt sell	28.48	AUD	ORD	-183	-18
17-May-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-2,485	-2,48
17-May-18	National Association BlackRock Financial Management, Inc.	on mkt sell	28.47	AUD	ORD	-2,491	-2,491
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.47	AUD	ORD	-7,729	-7,729
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.48	AUD	ORD	-8,033	-8,03
17-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.48	AUD	ORD	-3,251	-3,25
17-May-18	BlackRock Advisors, LLC	on mkt buy	28.48	AUD	ORD	1,068	1,06
17-May-18	BlackRock Advisors, LLC	on mkt sell	28.48	AUD	ORD	-3,546	-3,54
17-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-2,041	-2,04
17-May-18	BlackRock Asset Management Canada Limited	on mkt sell	28.48	AUD	ORD	-3,166	-3,16
17-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-3,333	-3,33
17-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-1,153	-1,15
17-May-18	BlackRock Investment Management, LLC	on mkt sell	28.48	AUD	ORD	-1,487	-1,48
17-May-18	BlackRock International Limited	on mkt sell	28.47	AUD	ORD	-7,211	-7,21
17-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.48	AUD	ORD	-2,264	-2,264
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-50,127	-50,12
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-4,611	-4,61
17-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-6,164	-6,16
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-3,253	-3,253
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.48	AUD	ORD	-8,656	-8,65
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.48	AUD	ORD	-6,753	-6,753
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.48	AUD	ORD	4,241	4,24
	Disal/Deal/ Japan Co. 1 td	on mkt buy	28.53	AUD	ORD	12,810	12,810
17-May-18	BlackRock Japan Co., Ltd.						
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.53	AUD	ORD	-269	
,				AUD AUD AUD	ORD ORD ORD	-269 1,144 -456	-269 1,144 -456

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.53	AUD	ORD	-912	-9
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.53	AUD	ORD	-15,290	-15,2
17-May-18	BlackRock Fund Advisors	on mkt buy	28.53	AUD	ORD	9,200	9,2
17-May-18	BlackRock Fund Advisors	on mkt buy	28.53	AUD	ORD	4,911	4,9
17-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	841	8
17-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-112,208	-112,2
17-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-54,595	-54,5
17-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-54,407	-54,4
17-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	525,444	525,4
17-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-161,202	-161,2
17-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	22,050	22,0
18-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-1,795	-1,7
18-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-1,507	-1,5
18-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.47	AUD	ORD	-22,020	-22,0
18-May-18	BlackRock Advisors, LLC	on mkt sell	28.48	AUD	ORD	-5,315	-5,3
18-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-686	-0,(
18-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.48	AUD	ORD	-677	-(
18-May-18	BlackRock International Limited	on mkt sell	28.48	AUD	ORD	-1,128	-1,
18-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-3,704	-3,
18-May-18	BlackRock Investment Management, LLC	on mkt sell	28.48	AUD	ORD	-1,003	-1,
18-May-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-5,327	-5,
18-May-18	BlackRock Advisors (UK) Limited	on mkt sell	28.39	AUD	ORD	-908	-
				AUD	ORD		
18-May-18	BlackRock Advisors (UK) Limited	on mkt buy	28.39			429	
18-May-18 18-May-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt buy on mkt sell	28.39 28.39	AUD AUD	ORD ORD	3,118 -26,701	3, -26,
•							
18-May-18	BlackRock Fund Advisors	on mkt buy	28.39	AUD	ORD	20,468	20,
18-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,304	3,
18-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-26,088	-26,
18-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,591	3,
18-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	94	
18-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	36,483	36,
18-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	62,823	62,
18-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-18,114	-18,
21-May-18	Limited BlackRock Institutional Trust Company,	on mkt sell	28.52	AUD	ORD	-4,051	-4,
21-May-18	National Association BlackRock Asset Management Canada	on mkt buy	28.54	AUD	ORD	781	,
	Limited	-					
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	4,517	4,
21-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,451	-5,
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-868	-
21-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,113	-2,
21-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,113	-2, -1,
21-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,949	1,
21-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	15,414	15,
21-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	4,115	4,
22-May-18	Limited BlackRock Investment Management	on mkt sell	28.72	AUD	ORD	-44	
22-May-18	(Australia) Limited BlackRock Investment Management	on mkt sell	28.72	AUD	ORD	-2,202	-2,
22-May-18	(Australia) Limited BlackRock Investment Management	on mkt sell	28.72	AUD	ORD	-10	_,.
,	(Australia) Limited		=				-1,:
22-May-18	BlackRock Investment Management	on mkt sell	28.21	AUD	ORD	-1,269	

(Aus 22-May-18 Blac (Aus 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac 122-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac 122-May-18 Blac	ackRock Investment Management ustralia) Limited ackRock Investment Management ustralia) Limited ackRock Institutional Trust Company, ational Association ackRock Institutional Trust Company, ational Association ackRock Investment Management, LLC ackRock Investment Management (UK) mited ackRock Investment Management (UK) mited ackRock Investment Management (UK) mited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	chang on mkt sell on mkt sell	28.21 28.21 28.20 28.16 28.16 28.16 28.16 28.16 28.16	AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD	-63,437 -301 -12,164 -1,619 -1,542 -4,232 -4,232 -1,057	-63,437 -301 -12,164 -1,619 -1,542 -4,232 -1,057
22-May-18         Blac (Aus           22-May-18         Blac	ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Institutional Trust Company, ational Association ackRock Institutional Trust Company, ational Association ackRock Investment Management, LLC ackRock Investment Management (UK) mited ackRock Institutional Trust Company, ational Association ackRock Institutional Trust Company, ational Association ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	28.16 28.20 28.16 28.16 28.16 28.16 28.16	AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-12,164 -1,619 -1,542 -4,232	-12,16 -1,61 -1,54 -4,23
22-May-18         Blac Nati           22-May-18         Blac	ackRock Institutional Trust Company, ational Association ackRock Institutional Trust Company, ational Association ackRock Investment Management, LLC ackRock Investment Management (UK) mited ackRock Institutional Trust Company, ational Association ackRock Advisors (UK) Limited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	28.20 28.16 28.16 28.16 28.16 28.16 28.16	AUD AUD AUD AUD	ORD ORD ORD ORD	-1,619 -1,542 -4,232	-1,619 -1,542 -4,232
Nati           22-May-18         Blac           22-May-18<	ational Association ackRock Institutional Trust Company, ational Association ackRock Investment Management, LLC ackRock Investment Management (UK) mited ackRock Institutional Trust Company, ational Association ackRock Advisors (UK) Limited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	28.16 28.16 28.16 28.16 28.16	AUD AUD AUD	ORD ORD ORD	-1,542	-1,542
Nati           22-May-18         Blac           22-May-18<	ational Association ackRock Investment Management, LLC ackRock Investment Management (UK) mited ackRock Institutional Trust Company, ational Association ackRock Advisors (UK) Limited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell	28.16 28.16 28.16 28.16	AUD AUD	ORD	-4,232	-4,232
22-May-18         Blac	ackRock Investment Management, LLC ackRock Investment Management (UK) mited ackRock Institutional Trust Company, ational Association ackRock Advisors (UK) Limited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell	28.16 28.16 28.16	AUD	ORD		
Limi 22-May-18 Blac 22-May-18 Blac	mited ackRock Institutional Trust Company, ational Association ackRock Advisors (UK) Limited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell on mkt sell	28.16			-1,057	-1,057
22-May-18         Blac	ackRock Institutional Trust Company, ational Association ackRock Advisors (UK) Limited ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell	28.16	AUD			
22-May-18         Blac (Aus           22-May-18         Blac	ackRock Investment Management ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.				UKD	-1,085	-1,08
(Aus           22-May-18         Blac           22-May-18<	ustralia) Limited ackRock Japan Co., Ltd. ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.	on mkt sell		AUD	ORD	-5,731	-5,73
22-May-18         Blac	ackRock Japan Co., Ltd. ackRock Japan Co., Ltd. ackRock Japan Co., Ltd.		28.19	AUD	ORD	-3,099	-3,099
22-May-18         Blac	ackRock Japan Co., Ltd.	on mkt sell	28.16	AUD	ORD	-1,276	-1,276
22-May-18         Blac		on mkt sell	28.16	AUD	ORD	-513	-513
22-May-18         Blac	ackRock Japan Co., Ltd.	on mkt sell	28.16	AUD	ORD	-7,357	-7,357
22-May-18         Blac		on mkt sell	28.16	AUD	ORD	-5,505	-5,505
22-May-18         Blac	ackRock Advisors, LLC	on mkt sell	28.16	AUD	ORD	-1,323	-1,323
Limi 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac	ackRock Financial Management, Inc.	on mkt sell	28.16	AUD	ORD	-2,188	-2,188
22-May-18         Blac	ackRock Asset Management Canada mited	on mkt sell	28.16	AUD	ORD	-1,175	-1,175
22-May-18         Blac	ackRock Financial Management, Inc.	on mkt sell	28.16	AUD	ORD	-4,546	-4,546
22-May-18         Blac Limi           22-May-18         Blac Nati           22-May-18         Blac	ackRock Financial Management, Inc.	on mkt sell	28.16	AUD	ORD	-1,538	-1,538
Limi 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac	ackRock Investment Management, LLC	on mkt sell	28.16	AUD	ORD	-1,917	-1,917
22-May-18         Blac Nati           22-May-18         Blac Nati           22-May-18         Blac	ackRock Investment Management (UK)	on mkt sell	28.16	AUD	ORD	-2,225	-2,225
22-May-18         Blac	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-830	-830
22-May-18         Blac Nati           22-May-18         Blac           Nati         22-May-18           Blac         Nati           22-May-18         Blac           Nati         22-May-18           Blac         Nati           22-May-18         Blac           Nati         Nati           Nati         Nati           Nati         Nati           Nati         Nati           Nati <td>ackRock Institutional Trust Company, ational Association</td> <td>on mkt sell</td> <td>28.16</td> <td>AUD</td> <td>ORD</td> <td>-30,473</td> <td>-30,473</td>	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-30,473	-30,473
22-May-18         Blac Nati           22-May-18         Blac	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-3,888	-3,888
Nati 22-May-18 Blac Limi 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac	ackRock Financial Management, Inc.	on mkt sell	28.16	AUD	ORD	-5,467	-5,467
Limi 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-4,250	-4,250
22-May-18         Blac	ackRock Investment Management (UK) mited	on mkt sell	28.16	AUD	ORD	-4,024	-4,024
22-May-18         Blac	ackRock Advisors (UK) Limited	on mkt sell	28.16	AUD	ORD	-8,419	-8,419
22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac	ackRock Advisors (UK) Limited	on mkt sell	28.16	AUD	ORD	-6,208	-6,208
Nati 22-May-18 Blac 22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac	ackRock Advisors (UK) Limited	on mkt sell	28.16	AUD	ORD	-12,924	-12,924
22-May-18 Blac Nati 22-May-18 Blac 22-May-18 Blac	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-1,665	-1,665
Nati 22-May-18 Blac 22-May-18 Blac	ackRock Financial Management, Inc.	on mkt sell	28.16	AUD	ORD	-2,729	-2,729
22-May-18 Blac 22-May-18 Blac	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-3,974	-3,974
22-May-18 Blac	ackRock Advisors, LLC	on mkt buy	28.17	AUD	ORD	4,509	4,509
22-May-18 Blac	ackRock International Limited	on mkt sell	28.16	AUD	ORD	-5,068	-5,068
	ackRock Institutional Trust Company, ational Association	on mkt buy	28.17	AUD	ORD	3,743	3,743
22-May-18 Blac	ackRock Institutional Trust Company, ational Association	on mkt buy	28.17	AUD	ORD	11,024	11,024
22-May-18 Blac	ackRock Institutional Trust Company, ational Association	on mkt sell	28.16	AUD	ORD	-431	-431
22-May-18 Blac	ackRock Advisors (UK) Limited	on mkt buy	28.16	AUD	ORD	1,620	1,620
	ackRock Advisors (UK) Limited	on mkt buy	28.16	AUD	ORD	1,358	1,358
	ackRock Advisors (UK) Limited	on mkt buy	28.16	AUD	ORD	1,368	1,368
		on mkt buy	28.16	AUD	ORD	464	464
	ackRock Advisors (UK) Limited	on mkt buy	28.16	AUD	ORD	348	348
	ackRock Advisors (UK) Limited	on mkt buy	28.16	AUD	ORD	696	696
	ackRock Advisors (UK) Limited ackRock Advisors (UK) Limited	on mkt sell	28.16	AUD	ORD	-146	-146
22-May-18 Blac 22-May-18 Blac	ackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	22,149 -3,223	22,149

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ		I number of affected	Person's votes affected
22-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-543,592	-543,59
22-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	557,979	557,97
22-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-13,024	-13,02
23-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.82	AUD	ORD	-793	-79
23-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.82	AUD	ORD	-834	-83
23-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.82	AUD	ORD	-2,783	-2,78
23-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.82	AUD	ORD	-4,371	-4,37
23-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.81	AUD	ORD	-22,990	-22,99
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.81	AUD	ORD	1,287	1,28
23-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.81	AUD	ORD	22,990	22,99
23-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.81	AUD	ORD	-3,411	-3,41
23-May-18	BlackRock Advisors (UK) Limited	on mkt sell	27.81	AUD	ORD	-3,411	-3,41
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	27.81	AUD	ORD	715	71
23-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	27.81	AUD	ORD	2,061	2,06
23-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.81	AUD	ORD	9,920	9,92
23-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	17,490	17,49
23-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,856	2,8
23-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-10,583	-10,5
23-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,233	-1,2
23-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	212	2
23-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,077	-4,0
23-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,195,292	-1,195,2
23-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,981	3,98
24-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.82	AUD	ORD	-1,659	-1,6
24-May-18	BlackRock Financial Management, Inc.	on mkt sell	29.83	AUD	ORD	-725	-7
24-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.83	AUD	ORD	-1,923	-1,9
24-May-18	BlackRock Advisors (UK) Limited	on mkt sell	29.82	AUD	ORD	-2,952	-2,9
24-May-18	BlackRock Advisors, LLC	on mkt sell	29.82	AUD	ORD	-854	-8
24-May-18	BlackRock Financial Management, Inc.	on mkt sell	29.82	AUD	ORD	-830	-8
24-May-18	BlackRock Asset Management Canada Limited BlackRock Financial Management, Inc.	on mkt sell	29.82	AUD	ORD	-965	-9
24-May-18		on mkt sell	29.82	AUD		-3,286	-3,2
24-May-18 24-May-18	BlackRock Financial Management, Inc. BlackRock Investment Management, LLC	on mkt sell	29.82	AUD	ORD	-1,074	-1,0
24-May-18	BlackRock Investment Management (UK)	on mkt sell	29.82	AUD	ORD	-658	-6
24-May-18	Limited BlackRock Institutional Trust Company,	on mkt sell	29.82	AUD	ORD	-6,775	-6,7
24-May-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.82	AUD	ORD	-1,364	-1,3
24-May-18	National Association BlackRock Financial Management, Inc.	on mkt sell	29.82	AUD	ORD	-3,979	-3,9
24-May-18	BlackRock Institutional Trust Company,	on mkt sell	29.82	AUD	ORD	-2,934	-2,9
24-May-18	National Association BlackRock Advisors (UK) Limited	on mkt sell	29.82	AUD	ORD	-3,132	-3,1
24-May-18	BlackRock Advisors (UK) Limited	on mkt sell	29.82	AUD	ORD	-2,301	-2,3
24-May-18	BlackRock Advisors, LLC	on mkt buy	29.88	AUD	ORD	7,843	7,8
24-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.88	AUD	ORD	7,580	7,5
24-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.88	AUD	ORD	6,462	6,4
24-May-18	BlackRock Asset Management Canada	on mkt buy	29.88	AUD	ORD	2,881	2,8

te of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and securities		Person's votes affected
24-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.88	AUD	ORD	11,869	11,8
24-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.90	AUD	ORD	1,414	1,4
24-May-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	12,338	12,3
24-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,708	6,7
24-May-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	36,754	36,7
24-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-226	-2
24-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-32,409	-32,4
24-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-77,266	-77,2
24-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-22,048	-22,0
25-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.37	AUD	ORD	-1,345	-1,3
25-May-18	BlackRock Financial Management, Inc.	on mkt sell	31.40	AUD	ORD	-69,732	-69,
25-May-18	BlackRock Asset Management North Asia Limited	on mkt buy	31.42	AUD	ORD	169	
25-May-18	BlackRock Institutional Trust Company,	on mkt buy	31.38	AUD	ORD	15,096	15,
25-May-18	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	31.38	AUD	ORD	3,478	3,
25-May-18	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	31.38	AUD	ORD	3,462	3,
25-May-18	BlackRock Japan Co., Ltd.	on mkt sell	30.04	AUD	ORD	-24,456	-24,
25-May-18	BlackRock Advisors (UK) Limited	on mkt buy	31.32	AUD	ORD	3,486	3,
25-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.32	AUD	ORD	-5,475	-5,
25-May-18	BlackRock Japan Co., Ltd.	on mkt buy	31.32	AUD	ORD	850	
25-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.32	AUD	ORD	-14,550	-14,
25-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,808	3,
25-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-107,485	-107,
25-May-18 25-May-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	182,900 106	182,
25-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	113,933	113,
25-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	38,631	38,
25-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	78,650	78,
28-May-18	Limited BlackRock Institutional Trust Company,	on mkt sell	30.82	AUD	ORD	-2,323	-2,
28-May-18	National Association BlackRock Institutional Trust Company,	on mkt sell	30.82	AUD	ORD	-30,894	-30,
28-May-18	National Association BlackRock Investment Management	on mkt sell	30.81	AUD	ORD	-12,468	-12,
	(Australia) Limited						
28-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	137	070
28-May-18 28-May-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-870,677 -24,462	-870, -24,
28-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,237	-1,
28-May-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-20,652	-20,
28-May-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	610	
29-May-18	Limited BlackRock Fund Advisors	on mkt buy	30.25	AUD	ORD	28,560	28,
29-May-18	BlackRock Fund Advisors	on mkt buy	30.25	AUD	ORD	1,095	<u>20,</u> 1,
29-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.25	AUD	ORD	-996	-
29-May-18	BlackRock Japan Co., Ltd.	on mkt sell	30.25	AUD	ORD	-104	-
29-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	30.25	AUD	ORD	621	
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,328	13,
29-May-18							
29-May-18 29-May-18 29-May-18	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	14,866 -396,160	14, -396,

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and securities	Person's votes affected	
29-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-96,310	-96,31
29-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	512,127	512,12
29-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-8,058	-8,05
30-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.98	AUD	ORD	-7,149	-7,14
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-1,656	-1,65
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-6,575	-6,57
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-5,218	-5,21
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-972	-97
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-8,494	-8,49
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-5,534	-5,53
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.97	AUD	ORD	-8,580	-8,58
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.95	AUD	ORD	1,056	1,05
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.00	AUD	ORD	1,159	1,15
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.00	AUD	ORD	5,472	5,47
30-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.00	AUD	ORD	-940	-94
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.00	AUD	ORD	805	80
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.00	AUD	ORD	-3,724	-3,72
30-May-18	BlackRock Fund Advisors	on mkt buy	30.00	AUD	ORD	8,737	8,73
30-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,472	10,47
30-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-564	-56
30-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	8,256	8,25
30-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,444	3,44
30-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,700	-13,70
30-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,913	3,91
31-May-18	BlackRock Financial Management, Inc.	on mkt sell	30.01	AUD	ORD	-4	-
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.01	AUD	ORD	-9	-
31-May-18	BlackRock Financial Management, Inc.	on mkt sell	30.08	AUD	ORD	-3,159	-3,15
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.08	AUD	ORD	-7,753	-7,75
31-May-18	BlackRock International Limited	on mkt sell	30.08	AUD	ORD	-6,168	-6,16
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	30.09	AUD	ORD	-9,232	-9,23
31-May-18	BlackRock Financial Management, Inc.	on mkt sell	30.06	AUD	ORD	-23,843	-23,84
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-85,080	-85,08
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-21,179	-21,17
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-66,007	-66,00
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-7,644	-7,64
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	30.06	AUD	ORD	-11,409	-11,40
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	30.06	AUD	ORD	-7,530	-7,53
31-May-18 31-May-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	30.06 30.06	AUD AUD	ORD ORD	-13,421 -8,179	-13,42 -8,17
31-May-18	BlackRock Institutional Trust Company,	on mkt sell	30.06	AUD	ORD	-10,153	-10,15
31-May-18	National Association BlackRock Financial Management, Inc.	on mkt sell	30.06	AUD	ORD	-16,063	-16,06
31-May-18	BlackRock Advisors, LLC	on mkt sell	30.06	AUD	ORD	-7,392	-7,39
31-May-18	BlackRock Investment Management (UK)	on mkt sell	30.06	AUD	ORD	-7,302	-7,30
01 may 10	Limited						
31-May-18	Limited BlackRock Advisors (UK) Limited	on mkt sell	30.06	AUD	ORD	-9,722	-9,72

31-May-18         B           31-May-18         B	BlackRock Advisors (UK) Limited     BlackRock Financial Management, Inc.     BlackRock Institutional Trust Company,     Vational Association     BlackRock Investment Management     Australia) Limited     BlackRock Japan Co., Ltd.     BlackRock Institutional Trust Company,     Vational Association     BlackRock Asset Management Canada     .imited     BlackRock Institutional Trust Company,     Vational Association     BlackRock Asset Management Canada     .imited     BlackRock Institutional Trust Company,     Vational Association     BlackRock Asset Management Canada     .imited     BlackRock Institutional Trust Company,     Vational Association     BlackRock Asset Management Canada     .imited     BlackRock Institutional Trust Company,     Vational Association     BlackRock Asset Management Canada     .imited     BlackRock Institutional Trust Company,     Vational Association     BlackRock Japan Co., Ltd.     BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06         30.06	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-14,966 -6,617 -17,632 -4,501 -2,798 -3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366 -5,339	-14,966 -6,617 -17,632 -4,501 -2,798 -3,557 -2,966 -5,062 -2,622 -2,842 -4,377 -6,366 -5,335
31-May-18         B           31-May-18         B	BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Investment Management, LLC BlackRock Investment Management Australia) Limited BlackRock Investment Management Australia) Limited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06         30.06	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-6,617 -17,632 -4,501 -2,798 -3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366	-6,61 -17,63 -4,50 -2,794 -3,55 -2,966 -5,062 -2,624 -2,844 -4,37 -6,366
N           31-May-18         B	Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Investment Management, LLC BlackRock Investment Management Australia) Limited BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06 30.06 30.06 30.05 30.06 30.06 30.06 30.06 30.06 30.06 30.06	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-4,501 -2,798 -3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366	-4,501 -2,798 -3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366
31-May-18         B	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, Vational Association BlackRock Investment Management, LLC BlackRock Investment Management Australia) Limited BlackRock Japan Co., Ltd. BlackRock Advisors, LLC BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06 30.06 30.05 30.06 30.06 30.06 30.06 30.06 30.06	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD	-2,798 -3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366	-2,798 -3,557 -2,966 -5,062 -2,624 -2,842 -2,842 -4,377 -6,366
31-May-18         B	BlackRock Institutional Trust Company, National Association BlackRock Investment Management, LLC BlackRock Investment Management Australia) Limited BlackRock Japan Co., Ltd. BlackRock Advisors, LLC BlackRock Advisors, LLC BlackRock Institutional Trust Company, National Association BlackRock Asset Management Canada Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06 30.05 30.05 30.06 30.06 30.06 30.06 30.06	AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD	-3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366	-3,557 -2,966 -5,062 -2,624 -2,842 -4,377 -6,366
31-May-18         B	BlackRock Advisors (UK) Limited BlackRock Investment Management Australia) Limited BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06         30.05         30.06         30.06         30.06         30.06         30.06         30.06	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	-2,966 -5,062 -2,624 -2,842 -4,377 -6,366	-2,960 -5,062 -2,624 -2,842 -4,377 -6,360
31-May-18 B (/ 31-May-18 B 31-May-18 B 31-May-18 B 31-May-18 B 31-May-18 B 31-May-18 B 11-May-18 B 31-May-18 B 31-May-18 B	BlackRock Investment Management Australia) Limited BlackRock Japan Co., Ltd. BlackRock Advisors, LLC BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	30.05 30.06 30.06 30.06 30.06 30.06 30.06	AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-5,062 -2,624 -2,842 -4,377 -6,366	-5,062 -2,624 -2,842 -4,377 -6,366
(/ <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B <u>31-May-18</u> B	Australia) Limited BlackRock Japan Co., Ltd. BlackRock Advisors, LLC BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada imited BlackRock Asset Management Canada imited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	30.06 30.06 30.06 30.06 30.06	AUD AUD AUD AUD AUD	ORD ORD ORD ORD	-2,624 -2,842 -4,377 -6,366	-2,624 -2,842 -4,377 -6,366
31-May-18         B           31-May-18         B           N         N           31-May-18         B           N         N           31-May-18         B           L         S1-May-18           31-May-18         B           L         S1-May-18           31-May-18         B           N         S1-May-18           S1-May-18         B           N         S1-May-18	BlackRock Advisors, LLC BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	30.06 30.06 30.06 30.06	AUD AUD AUD AUD	ORD ORD ORD	-2,842 -4,377 -6,366	-2,842 -4,377 -6,366
31-May-18 B N 31-May-18 B 31-May-18 B L 31-May-18 B L 31-May-18 B N 31-May-18 B	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, Vational Association BlackRock Asset Management Canada Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell on mkt sell	30.06 30.06 30.06	AUD AUD AUD	ORD ORD	-4,377 -6,366	-4,37
N           31-May-18         B           N         L           31-May-18         B           L         L           31-May-18         B           S1-May-18         B           31-May-18         B           31-May-18         B           N         N	National Association BlackRock Institutional Trust Company, National Association BlackRock Asset Management Canada Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell on mkt sell	30.06 30.06	AUD	ORD	-6,366	-6,36
N 31-May-18 B 31-May-18 B 31-May-18 B N 31-May-18 B	Vational Association BlackRock Asset Management Canada Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	30.06	AUD			
L 31-May-18 B 31-May-18 B N 31-May-18 B	imited BlackRock Asset Management Canada imited BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd.	on mkt sell			ORD	-5,339	-5,339
31-May-18 B L 31-May-18 B 31-May-18 B	BlackRock Asset Management Canada .imited BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd.		30.06	A115			-,
31-May-18 B N 31-May-18 B	BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd.	on mkt sell		AUD	ORD	-2,469	-2,469
31-May-18 B	BlackRock Japan Co., Ltd.		30.06	AUD	ORD	-1,124	-1,124
,	BlackRock Japan Co., Ltd.	on mkt sell	30.06	AUD	ORD	-1,712	-1,712
		on mkt sell	30.06	AUD	ORD	-2,249	-2,249
31-May-18 B	BlackRock Financial Management, Inc.	on mkt sell	30.06	AUD	ORD	-2,219	-2,21
31-May-18 B	BlackRock Investment Management, LLC	on mkt sell	30.06	AUD	ORD	-1,904	-1,904
	BlackRock Investment Management (UK)	on mkt sell	30.06	AUD	ORD	-2,433	-2,433
,	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-1,365	-1,36
	BlackRock Investment Management (UK)	on mkt sell	30.06	AUD	ORD	-941	-94
31-May-18 B	BlackRock Investment Management, LLC	on mkt sell	30.06	AUD	ORD	-693	-693
	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-404	-404
,	BlackRock Institutional Trust Company, National Association	on mkt sell	30.06	AUD	ORD	-87	-87
	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	8,572	8,572
	BlackRock Japan Co., Ltd.	on mkt buy	30.04	AUD	ORD	11,243	11,243
,	BlackRock Investment Management (UK)	on mkt buy	30.04	AUD	ORD	6,054	6,054
· · · · ·	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	12,603	12,603
Ň	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	4,497	4,49
	BlackRock Asset Management Canada	on mkt buy	30.04	AUD	ORD	7,277	7,27
,	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	32,873	32,873
	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	11,026	11,020
	BlackRock International Limited	on mkt buy	30.04	AUD	ORD	6,889	6,889
31-May-18 B	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	2,365	2,365
31-May-18 B	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	2,830	2,830
31-May-18 B	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	2,285	2,28
	BlackRock Institutional Trust Company, Vational Association	on mkt buy	30.04	AUD	ORD	6,564	6,564
	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	51,286	51,28
	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	70,365	70,36
	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	7,801	7,80′
	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	78,716	78,710
	BlackRock Fund Advisors BlackRock Fund Advisors	on mkt buy on mkt buy	<u> </u>	AUD AUD	ORD ORD	22,574 2,968	22,574 2,968

Date of Change	Person whose relevant interest changed	Considerati	e of change (6) / on given in relation to change (7)	CCY	Class and r securities		Person's votes affected
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	40,554	40,554
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	11,662	11,662
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	6,528	6,528
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	3,856	3,850
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	63,077	63,077
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	2,419	2,419
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	25,216	25,21
31-May-18	BlackRock Japan Co., Ltd.	on mkt buy	30.04	AUD	ORD	2,140	2,140
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,848	1,848
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	2,159	2,159
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,568	1,568
31-May-18	BlackRock Japan Co., Ltd.	on mkt buy	30.04	AUD	ORD	398	398
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	930	93
31-May-18	BlackRock (Netherlands) B.V.	on mkt buy	30.04	AUD	ORD	1,012	1,01
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	1,548	1,54
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	30.04	AUD	ORD	679	67
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	383	38
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	893	89
31-May-18	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	340	34
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	178	17
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	710	71
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.04	AUD	ORD	-623	-62
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-3,308	-3,30
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	7,381	7,38
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-45,698	-45,69
31-May-18 31-May-18	BlackRock Japan Co., Ltd.	on mkt buy on mkt buy	<u> </u>	AUD AUD	ORD ORD	9,681	9,68
31-May-18 31-May-18	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd.	on mkt buy	30.04	AUD	ORD	1,841 338	1,84 33
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.04	AUD	ORD	5,208	5,20
31-May-18	BlackRock Advisors, LLC	on mkt sell	30.04	AUD	ORD	-4,147	-4,14
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	10,850	10,85
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	151	15
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,586	1,58
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	3,867	3,86
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	30.04	AUD	ORD	6,261	6,26
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	28,295	28,29
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	797	79
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	9,492	9,49
31-May-18	BlackRock International Limited	on mkt buy	30.04	AUD	ORD	5,927	5,92
31-May-18	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	2,032	2,03
31-May-18	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	2,433	2,43
31-May-18	BlackRock (Netherlands) B.V.	on mkt buy	30.04	AUD	ORD	869	86
31-May-18	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	1,964	1,96
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	5,647	5,64
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.04	AUD	ORD	-84,127	-84,12

	changed	chang	ven in relation to ge (7)	CCY	securities	affected	votes affected
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	44,141	44,14
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	60,567	60,56
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	6,715	6,715
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	67,755	67,755
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	19,432	19,432
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	2,553	2,553
31-May-18	BlackRock Institutional Trust Company,	on mkt buy	30.04	AUD	ORD	1,855	1,855
31-May-18	National Association BlackRock Asset Management Canada	on mkt sell	30.04	AUD	ORD	-32,669	-32,669
	Limited						
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-11,534	-11,534
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-696	-696
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	1,332	1,332
31-May-18	BlackRock Fund Advisors	on mkt sell	30.04	AUD	ORD	-14,067	-14,067
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	34,904	34,904
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	10,041	10,041
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	5,615	5,615
31-May-18	BlackRock Asset Management Canada Limited	on mkt sell	30.04	AUD	ORD	-52,534	-52,534
31-May-18	BlackRock Asset Management Canada	on mkt buy	30.04	AUD	ORD	583	583
31-May-18	BlackRock (Netherlands) B.V.	on mkt sell	30.04	AUD	ORD	-1,505	-1,505
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	3,316	3,316
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,346	1,346
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	327	327
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	766	766
31-May-18	BlackRock Asset Management Canada Limited	on mkt sell	30.04	AUD	ORD	-2,002	-2,002
31-May-18	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	291	291
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.04	AUD	ORD	-6,584	-6,584
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	54,292	54,292
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	2,078	2,078
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.04	AUD	ORD	-1,089	-1,089
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	21,707	21,707
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-16,115	-16,115
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	20,000	20,000
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.04	AUD	ORD	3,262	3,262
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.04	AUD	ORD	3,461	3,461
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	13,201	13,201
31-May-18	BlackRock Institutional Trust Company,	on mkt buy	30.04	AUD	ORD	3,244	3,244
51-Way-10	National Association	on niki buy	30.04	AUD	ORD	3,244	3,244
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	46	46
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	475	475
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,157	1,157
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	8,459	8,459
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	239	239
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	2,838	2,838
31-May-18	BlackRock Investment Management (UK)	on mkt buy	30.04	AUD	ORD	1,101	1,101
31-May-18	Limited BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	3,740	3,740
04.14 40	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	588	588
31-May-18							

Date of Change	Person whose relevant interest changed	Nature of c Consideration giv chang	en in relation to	CCY	Class and securities		Person's votes affected
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	9,019	9,019
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	13,197	13,197
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	18,108	18,108
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	2,008	2,008
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	20,257	20,257
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	5,809	5,809
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	762	762
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	33,671	33,671
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	555	555
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	1,310	1,310
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	17,700	17,700
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-56,180	-56,180
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	9,767	9,767
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	18,761	18,761
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	3,868	3,868
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	30.04	AUD	ORD	-3,387	-3,387
31-May-18	BlackRock Fund Advisors	on mkt sell	30.04	AUD	ORD	-68,512	-68,512
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,890	1,890
31-May-18	BlackRock Advisors, LLC	on mkt buy	30.04	AUD	ORD	44,791	44,791
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	10,436	10,436
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	3,002	3,002
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	1,679	1,679
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	5,471	5,471
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	7,708	7,708
31-May-18	BlackRock Financial Management, Inc.	on mkt buy	30.04	AUD	ORD	2,836	2,836
31-May-18	BlackRock (Netherlands) B.V.	on mkt sell	30.04	AUD	ORD	-7,328	-7,328
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	992	992
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	403	403
31-May-18	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	87	87
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.04	AUD	ORD	-32,067	-32,067
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	16,232	16,232
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.04	AUD	ORD	-5,304	-5,304
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.04	AUD	ORD	-112,262	-112,262
31-May-18	BlackRock Financial Management, Inc.	on mkt buy	30.04	AUD	ORD	686	686
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.04	AUD	ORD	52,338	52,338
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.04	AUD	ORD	-956	-956
31-May-18	BlackRock Fund Advisors	on mkt buy	30.04	AUD	ORD	629	629
31-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,713	-7,713
31-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-224,921	-224,921
31-May-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-14,580	-14,580
31-May-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8,297	-8,297
31-May-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-128,163	-128,163
31-May-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-567,675	-567,675
31-May-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-137,007	-137,007
01-Jun-18	BlackRock Asset Management North Asia Limited	on mkt sell	29.77	AUD	ORD	-1,269	-1,269
01-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.87	AUD	ORD	-7,366	-7,366
01-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.87	AUD	ORD	-35,617	-35,617
01-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.87	AUD	ORD	-12,633	-12,633
01-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,902	-13,902

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
01-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	545,226	545,22
01-Jun-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	27	2
01-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	140,099	140,09
01-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	369,469	369,46
01-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	99,226	99,22
04-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	30.48	AUD	ORD	-3,262	-3,26
04-Jun-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	30.48	AUD	ORD	-2,814	-2,81
04-Jun-18	BlackRock Fund Advisors	on mkt buy	30.60	AUD	ORD	15,990	15,99
04-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.60	AUD	ORD	3,222	3,22
04-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-47,210	-47,21
04-Jun-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	53	5
04-Jun-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-27	-2
04-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-140,099	-140,09
04-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	248,385	248,38
04-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-99,226	-99,22
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.71	AUD	ORD	-6,858	-6,85
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.71	AUD	ORD	-16,951	-16,95
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.71	AUD	ORD	-24,453	-24,45
05-Jun-18	BlackRock International Limited	on mkt sell	29.71	AUD	ORD	-16,314	-16,31
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-8,381	-8,38
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-1,580	-1,58
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-2,686	-2,68
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.73	AUD	ORD	-6,668	-6,66
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.73	AUD	ORD	-1,172	-1,17
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-1,260	-1,26
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-791	-79
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.73	AUD	ORD	-6,314	-6,31
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.73	AUD	ORD	-829	-82
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.69	AUD	ORD	-1,132	-1,13
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.69	AUD	ORD	-1,258	-1,25
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.73	AUD	ORD	-822	-82
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.73	AUD	ORD	-8,217	-8,21
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.73	AUD	ORD	-1,109	-1,10
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.73	AUD	ORD	-1,331	-1,33
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.73	AUD	ORD	-5,478	-5,47
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.73	AUD	ORD	-3,615	-3,61
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.73	AUD	ORD	-2,480	-2,48
05-Jun-18 05-Jun-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	29.73 29.73	AUD AUD	ORD ORD	<u>-5,642</u> -1,863	-5,64 -1,86
05-Jun-18	BlackRock Asset Management Canada	on mkt sell	29.73	AUD	ORD	-4,084	-4,08
05-Jun-18	Limited BlackRock Financial Management, Inc.	on mkt sell	29.73	AUD	ORD	-17,929	-17,92
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.73	AUD	ORD	-6,067	-6,06
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.73	AUD	ORD	-1,644	-1,64
05-Jun-18	BlackRock Investment Management (UK)	on mkt sell	29.73	AUD	ORD	-1,980	-1,98
	Limited						
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-4,871	-4,87
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-37,822	-37,82

ate of Change	Person whose relevant interest changed	Consideration	of change (6) / ı given in relation to ıange (7)	CCY	Class and r securities		Person's votes affected
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-4,193	-4,19
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.73	AUD	ORD	-13,372	-13,37
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-8,405	-8,40
05-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	29.73	AUD	ORD	-2,607	-2,60
05-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.73	AUD	ORD	-15,695	-15,69
05-Jun-18	National Association BlackRock Investment Management (UK)	on mkt sell	29.73	AUD	ORD	-3,500	-3,50
05-Jun-18	Limited BlackRock Advisors (UK) Limited	on mkt sell	29.73	AUD	ORD	-10,474	-10,47
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.73	AUD	ORD	-8,247	-8,24
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.73	AUD	ORD	-10,408	-10,40
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.73	AUD	ORD	-568	-56
05-Jun-18	BlackRock Asset Management Canada	on mkt sell	29.73	AUD	ORD	-2,011	-2,01
05-Jun-18	Limited BlackRock Institutional Trust Company,	on mkt sell	29.73	AUD	ORD	-1,096	-1,09
	National Association						
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-12,884	-12,88
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-9,701	-9,70
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-440	-44
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.73	AUD	ORD	-383	-38
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.73	AUD	ORD	-273	-27
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.73	AUD	ORD	-355	-35
05-Jun-18	BlackRock Investment Management	on mkt sell	29.65	AUD	ORD	-1,768	-1,76
05-Jun-18	(Australia) Limited BlackRock Financial Management, Inc.	on mkt buy	29.65	AUD	ORD	909	90
05-Jun-18 05-Jun-18	BlackRock (Netherlands) B.V. BlackRock Institutional Trust Company,	on mkt buy on mkt sell	29.65 29.66	AUD AUD	ORD ORD	593 -4,157	59 -4,15
05-Jun-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-783	-78
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-1,331	-1,33
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.66	AUD	ORD	-3,308	-3,30
05-Jun-18	BlackRock Investment Management (UK)	on mkt sell	29.66	AUD	ORD	-581	-58
05-Jun-18	Limited BlackRock Institutional Trust Company,	on mkt sell	29.66	AUD	ORD	-625	-62
05-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.66	AUD	ORD	-391	-39
05-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.66	AUD	ORD	-217	-21
	National Association						
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-3,132	-3,13
05-Jun-18 05-Jun-18	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell on mkt sell	29.66 29.66	AUD AUD	ORD ORD	-411 -641	-41 -64
05-Jun-18	(Australia) Limited BlackRock Investment Management	on mkt sell	29.66	AUD	ORD	-713	-71
	(Australia) Limited						
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-407	-40
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-4,075	-4,07
05-Jun-18 05-Jun-18	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	29.66 29.66	AUD AUD	ORD ORD	-550 -660	-55
05-Jun-18 05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-660 -2,717	-66 -2,71
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-1,793	-2,71
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.66	AUD	ORD	-1,229	-1,73
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.66	AUD	ORD	-2,798	-2,79
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-923	-92
05-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	29.66	AUD	ORD	-2,027	-2,02
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-8,892	-8,89
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-3,009	-3,00

ate of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	CCY	Class and r securities		Person's votes affected
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.66	AUD	ORD	-814	-81
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.66	AUD	ORD	-981	-98
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-2,416	-2,41
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-18,760	-18,76
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-136	-13
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-2,080	-2,08
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-6,631	-6,63
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.66	AUD	ORD	-176	-17
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-4,168	-4,16
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-1,292	-1,29
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-7,784	-7,78
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.66	AUD	ORD	-1,735	-1,73
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-5,195	-5,19
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-4,090	-4,09
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-5,162	-5,16
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-280	-28
05-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	29.66	AUD	ORD	-996	-99
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.66	AUD	ORD	-189	-18
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-543	-54
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-6,390	-6,39
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-4,812	-4,81
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-6,235	-6,23
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-1,175	-1,17
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-1,997	-1,99
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.66	AUD	ORD	-4,962	-4,96
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.66	AUD	ORD	-871	-87
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-937	-93
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-587	-58
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-325	-32
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-4,698	-4,69
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-616	-61
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.66	AUD	ORD	-961	-96
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.66	AUD	ORD	-1,069	-1,06
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-611	-6′
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-6,113	-6,11
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-825	-82
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-989	-98
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.66	AUD	ORD	-4,076	-4,07
05-Jun-18	BlackRock Japan Co., Ltd. BlackRock Advisors, LLC	on mkt sell on mkt sell	<u> </u>	AUD AUD	ORD ORD	<u>-2,689</u> -1,843	-2,68 -1,84
05-Jun-18 05-Jun-18	BlackRock Advisors, LLC BlackRock Advisors, LLC	on mkt sell	29.66	AUD	ORD	-1,843 -4,198	-1,84 -4,19
05-Jun-18 05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-4,198	-4,19
05-Jun-18	BlackRock Asset Management Canada	on mkt sell	29.66	AUD	ORD	-3,039	-3,03
	Limited						-13,33
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-13,337	-

Date of Change	Person whose relevant interest changed	Nature of ch Consideration give change	en in relation to	CCY	Class and securities		Person's votes affected
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-4,513	-4,51
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.66	AUD	ORD	-1,222	-1,22
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.66	AUD	ORD	-1,471	-1,47
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-3,624	-3,62
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-28,140	-28,14
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-204	-20
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-3,120	-3,12
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-9,947	-9,94
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.66	AUD	ORD	-264	-26
05-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	29.66	AUD	ORD	-6,253	-6,25
05-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.66	AUD	ORD	-1,938	-1,93
05-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.66	AUD	ORD	-11,676	-11,67
05-Jun-18	National Association BlackRock Investment Management (UK)	on mkt sell	29.66	AUD	ORD	-2,602	-2,60
05 lun 10	Limited BlackRock Advisors (UK) Limited	on mistoall	29.66	AUD	ORD	7 700	-7,79
05-Jun-18 05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	29.66	AUD	ORD	-7,793 -6,136	-7,79 -6,13
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.66	AUD	ORD	-7,743	-7,74
05-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.66	AUD	ORD	-420	-42
05-Jun-18	BlackRock Asset Management Canada	on mkt sell	29.66	AUD	ORD	-1,495	-1,49
05-Jun-18	Limited BlackRock Investment Management, LLC	on mkt sell	29.66	AUD	ORD	-283	-28
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-815	-81
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-9,585	-9,58
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.66	AUD	ORD	-7,218	-7,21
05-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,441	-8,44
05-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,721	1,72
05-Jun-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-17	-1
05-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,043	1,04
05-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	474,841	474,84
06-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.88	AUD	ORD	-12,211	-12,21
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.89	AUD	ORD	-1,127	-1,12
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.89	AUD	ORD	-3,598	-3,59
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.89	AUD	ORD	-685	-68
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.89	AUD	ORD	-5,956	-5,95
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.89	AUD	ORD	6,170	6,17
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.92	AUD	ORD	4,936	4,93
06-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	9,384	9,38
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	894	89
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,004	10,00
06-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	592	59 1 72
06-Jun-18 06-Jun-18	BlackRock Advisors (UK) Limited BlackRock Capital Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-1,721 -3	-1,72
06-Jun-18	BlackRock Capital Management, Inc. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	122	12
06-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-28,254	-28,25
07-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.75	AUD	ORD	-3,332	-3,33
07-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.76	AUD	ORD	-4,975	-4,97

	BlackRock Institutional Trust Company,		(7)			affected	
	National Association	on mkt sell	29.76	AUD	ORD	-12,295	-12,29
	BlackRock International Limited	on mkt sell	29.76	AUD	ORD	-6,495	-6,49
07-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.74	AUD	ORD	-27,732	-27,73
	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-65,833	-65,83
	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-14,068	-14,06
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-4,073	-4,07
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-999	-99
	BlackRock Advisors (UK) Limited	on mkt sell	29.74	AUD	ORD	-16,684	-16,68
	BlackRock Advisors, LLC	on mkt sell	29.74	AUD	ORD	-2,293	-2,29
07-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.74	AUD	ORD	-2,830	-2,83
	BlackRock Asset Management Canada	on mkt sell	29.74	AUD	ORD	-4,643	-4,64
	Limited BlackRock Financial Management, Inc.	on mkt sell	29.74	AUD	ORD	-9,510	-9,51
07-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.74	AUD	ORD	-2,607	-2,60
	BlackRock Investment Management (UK)	on mkt sell	29.74	AUD	ORD	-3,481	-3,48
	Limited		-				
	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-11,053	-11,05
	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-6,624	-6,62
07-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.74	AUD	ORD	-16,453	-16,45
	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-24,443	-24,44
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.74	AUD	ORD	-19,062	-19,06
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.74	AUD	ORD	-15,042	-15,04
07-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.74	AUD	ORD	-837	-83
	BlackRock Institutional Trust Company, National Association	on mkt sell	29.74	AUD	ORD	-7,869	-7,86
07-Jun-18	BlackRock Asset Management North Asia Limited	on mkt sell	29.75	AUD	ORD	-169	-16
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.86	AUD	ORD	3,708	3,70
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.86	AUD	ORD	4,944	4,94
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.86	AUD	ORD	1,622	1,62
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.86	AUD	ORD	464	46
	BlackRock Japan Co., Ltd.	on mkt buy	29.86	AUD	ORD	4,483	4,48
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,043	1,04
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,004	10,00
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,268	-9,26
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,186	-1,18
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,755	1,75
	BlackRock Capital Management, Inc. BlackRock Investment Management, LLC	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	<u>3</u> 916	91
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	119,286	119,28
	Limited BlackRock Institutional Trust Company,	on mkt sell	29.89	AUD	ORD	-18,719	-18,71
	National Association BlackRock Institutional Trust Company,	on mkt sell	29.89	AUD	ORD	-1,303	-1,30
	National Association						
	BlackRock Advisors (UK) Limited	on mkt buy	30.01	AUD	ORD	1,236	1,23
	BlackRock Advisors (UK) Limited	on mkt buy	30.01	AUD	ORD	2,472	2,47
	BlackRock Fund Advisors	on mkt buy	30.01	AUD	ORD	3,721	3,72
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,116	1,11
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,116	1,11
	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-3,230 5,002	-3,23 5,00
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,755	-1,75
	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,755 23	-1,73
	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	942	94
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	18,934	18,93
	Limited	in anapic	/		000	7 500	
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,569	7,56
11-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-346,616	-346,61

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and r securities		Person's votes affected
11-Jun-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	138	13
11-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,150	-2,15
11-Jun-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	2,012	2,012
12-Jun-18	Limited BlackRock Advisors (UK) Limited	on mkt sell	30.09	AUD	ORD	-2,637	-2,63
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-10,252	-10,25
12-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.94	AUD	ORD	-3,517	-3,51
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.94	AUD	ORD	-9,209	-9,209
12-Jun-18	BlackRock International Limited	on mkt sell	29.94	AUD	ORD	-18,360	-18,360
12-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.96	AUD	ORD	-13,304	-13,304
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.95	AUD	ORD	-16,841	-16,841
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.95	AUD	ORD	-3,197	-3,197
12-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.95	AUD	ORD	-4,490	-4,490
12-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-840	-840
40 1 42	National Association	on mist 11	00.05	A.U.D.	005	0.000	
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.95	AUD	ORD	-9,382	-9,382
12-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.95	AUD	ORD	-2,225	-2,22
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-1,550	-1,55
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-15,492	-15,49
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-1,089	-1,08
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-1,320	-1,32
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-10,328	-10,328
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	29.95	AUD	ORD	-6,621	-6,62
12-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.95	AUD	ORD	-1,609	-1,609
12-Jun-18 12-Jun-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	29.95 29.95	AUD AUD	ORD ORD	-3,298 -1,984	-3,298 -1,984
12-Jun-18	BlackRock Asset Management Canada	on mkt sell	29.95	AUD	ORD	-5,199	-5,199
12-Jun-18	Limited BlackRock Financial Management, Inc.	on mkt sell	29.95	AUD	ORD	-16,009	-16,009
12-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.95	AUD	ORD	-5,320	-5,320
	<b>-</b>						
12-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.95	AUD	ORD	-2,132	-2,132
12-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.95	AUD	ORD	-2,059	-2,059
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.95	AUD	ORD	-9,191	-9,191
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.94	AUD	ORD	-52,530	-52,530
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.95	AUD	ORD	-3,858	-3,858
12-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.95	AUD	ORD	-14,891	-14,89
12-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-4,546	-4,546
12-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-1,259	-1,259
12-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-13,762	-13,762
12-Jun-18	National Association BlackRock Investment Management (UK)	on mkt sell	29.95	AUD	ORD	-6,609	-6,609
	Limited						
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.95	AUD	ORD	-11,966	-11,96
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.95	AUD	ORD	-9,274	-9,274
12-Jun-18 12-Jun-18	BlackRock Advisors (UK) Limited BlackRock Asset Management Canada	on mkt sell on mkt sell	29.95 29.94	AUD	ORD ORD	-8,400 -620	-8,400 -620
12-Jun-18	Limited BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-762	-762
12-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-5,184	-5,184
12-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.95	AUD	ORD	-4,145	-4,145
	National Association						-717
12-Jun-18	BlackRock Investment Management (UK)	on mkt sell	29.95	AUD	ORD	-717	

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.95	AUD	ORD	-197	-19
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.94	AUD	ORD	2,472	2,47
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.94	AUD	ORD	1,236	1,23
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt buy	29.94	AUD	ORD	4,484	4,48
12-Jun-18	BlackRock (Netherlands) B.V.	on mkt buy	29.94	AUD	ORD	113	11
12-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	20
12-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-142,365	-142,36
	BlackRock Advisors (UK) Limited	collateral transfer		AUD	ORD	399,824	399,82
12-Jun-18	,					,	
12-Jun-18 12-Jun-18	BlackRock Capital Management, Inc. BlackRock Investment Management, LLC	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-197 480	-19 48
12-Jun-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-493,805	-493,80
13-Jun-18	Limited BlackRock Institutional Trust Company,	on mkt sell	29.60	AUD	ORD	-18,525	-18,52
13-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.61	AUD	ORD	-1,170	-1,17
13-Jun-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.61	AUD	ORD	-1,130	-1,13
13-Jun-18	National Association BlackRock Investment Management	on mkt sell	29.60	AUD	ORD	-729	-72
13-Jun-18	(Australia) Limited BlackRock Investment Management	on mkt sell	29.60	AUD	ORD	-2,782	-2,78
13-Jun-18	(Australia) Limited BlackRock Investment Management	on mkt sell	29.60	AUD	ORD	-609	-60
13-Jun-18	(Australia) Limited BlackRock Investment Management	on mkt sell	29.60	AUD	ORD	-3,119	-3,11
13-Jun-18	(Australia) Limited BlackRock Investment Management	on mkt buy	29.65	AUD	ORD	1,615	1,61
13-Jun-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	29.61	AUD	ORD	11,156	11,15
13-Jun-18	National Association BlackRock Fund Advisors	in specie	 n/a	AUD	ORD	-3,364	-3,36
13-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	15,266	15,26
13-Jun-18	BlackRock Investment Management, LLC		n/a	AUD	ORD	-1,352	-1,35
13-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,352	1,35
14-Jun-18	BlackRock Advisors, LLC	on mkt buy	29.61	AUD	ORD	2,093	2,09
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.61	AUD	ORD	8,042	8,04
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.61	AUD	ORD	1,497	1,49
14-Jun-18	BlackRock Asset Management Canada Limited	on mkt buy	29.61	AUD	ORD	1,719	1,71
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.61	AUD	ORD	3,478	3,47
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-5,000	-5,00
14-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.61	AUD	ORD	-5,528	-5,52
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-14,979	-14,97
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-1,125	-1,12
14-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.61	AUD	ORD	-18,991	-18,99
14-Jun-18	BlackRock Advisors, LLC	on mkt sell	29.61	AUD	ORD	-8,882	-8,88
14-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.61	AUD	ORD	-2,200	-2,20
14-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	29.61	AUD	ORD	-8,598	-8,59
14-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.61	AUD	ORD	-11,630	-11,63
14-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.61	AUD	ORD	-4,024	-4,02
14-Jun-18	BlackRock Investment Management, LLC	on mkt sell	29.61	AUD	ORD	-1,055	-1,05
1/- lun 10	BlackRock International Limited	on mkt sell	20.61		חסט	15 000	15.00
14-Jun-18 14-Jun-18	BlackRock Investment Management (UK)	on mkt sell on mkt sell	29.61 29.61	AUD AUD	ORD ORD	-15,982 -2,873	-15,98 -2,87
14-Jun-18	Limited BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-10,674	-10,67
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-33,658	-33,65

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-6,772	-6,77
14-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.61	AUD	ORD	-19,167	-19,16
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-10,105	-10,10
14-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.61	AUD	ORD	-20,664	-20,66
14-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	29.61	AUD	ORD	-16,083	-16,08
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.61	AUD	ORD	-4,674	-4,67
14-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	29.61	AUD	ORD	-936	-93
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.60	AUD	ORD	5,920	5,92
14-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.60	AUD	ORD	379	37
14-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,181	4,18
14-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	158,101	158,10
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.85	AUD	ORD	-13,289	-13,28
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.93	AUD	ORD	2,450	2,45
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	29.93	AUD	ORD	381	38
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.93	AUD	ORD	7,345	7,34
15-Jun-18	BlackRock Fund Advisors	on mkt sell	29.93	AUD	ORD	-1,296	-1,29
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.93	AUD	ORD	-6,774	-6,77
15-Jun-18	BlackRock Fund Advisors	on mkt sell	29.93	AUD	ORD	-147	-14
15-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.93	AUD	ORD	-34,074	-34,07
15-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	29.93	AUD	ORD	-934	-93
15-Jun-18	BlackRock Financial Management, Inc.	on mkt buy	29.93	AUD	ORD	2,250	2,25
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.93	AUD	ORD	-1,680	-1,68
15-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.93	AUD	ORD	-8,449	-8,44
15-Jun-18 15-Jun-18	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	on mkt buy	29.93	AUD	ORD	6,217	6,21
	(Australia) Limited	,			ORD	-500	
15-Jun-18 15-Jun-18	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-500	-50 -17,76
15-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,665	7,66
15-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer		AUD	ORD	-9,734	-9,73
15-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,817	-11,81
18-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-4,153	-4,15
18-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.00	AUD	ORD	381	38
18-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.00	AUD	ORD	381	38
18-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.00	AUD	ORD	9,304	9,30
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,268	-9,26
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,452	-10,45
18-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	442,208	442,20
18-Jun-18 18-Jun-18	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	26,857 -826,420	26,85 -826,42
19-Jun-18	Limited BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-475	-47
19-Jun-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-1,839	-1,83
19-Jun-18	National Association BlackRock Financial Management, Inc.	on mkt sell	30.03	AUD	ORD	-2,206	-2,20
19-Jun-18	BlackRock Investment Management, LLC	on mkt sell	30.05	AUD	ORD	-5,283	-5,28
19-Jun-18	BlackRock Investment Management (UK)	on mkt sell	30.05	AUD	ORD	-845	-84
19-Jun-18	Limited BlackRock Institutional Trust Company, National Association	on mkt sell	30.03	AUD	ORD	-4,568	-4,56
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-1,107	-1,10

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-1,216	-1,21
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-131	-13
19-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.05	AUD	ORD	-8,617	-8,61
19-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.04	AUD	ORD	507	50
19-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.05	AUD	ORD	-2,673	-2,673
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.05	AUD	ORD	-954	-95
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.05	AUD	ORD	-10,356	-10,35
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.05	AUD	ORD	-535	-53
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.05	AUD	ORD	-651	-65
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.05	AUD	ORD	-6,609	-6,60
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.05	AUD	ORD	-4,717	-4,71
19-Jun-18	BlackRock Advisors, LLC	on mkt sell	30.05	AUD	ORD	-3,472	-3,47
19-Jun-18	BlackRock Advisors, LLC	on mkt sell	30.05	AUD	ORD	-3,665	-3,66
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-773	-77
19-Jun-18	BlackRock Advisors, LLC	on mkt sell	30.05	AUD	ORD	-1,402	-1,40
19-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.05	AUD	ORD	-804	-80
19-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	30.05	AUD	ORD	-3,206	-3,20
19-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.05	AUD	ORD	-4,085	-4,08
19-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.05	AUD	ORD	-1,256	-1,25
19-Jun-18	BlackRock Investment Management, LLC	on mkt sell	30.05	AUD	ORD	-700	-70
19-Jun-18	BlackRock International Limited	on mkt sell	30.03	AUD	ORD	-5,165	-5,16
19-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.05	AUD	ORD	-903	-90
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-4,397	-4,39
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-6,980	-6,98
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-2,576	-2,57
19-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.05	AUD	ORD	-4,199	-4,19
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-3,435	-3,43
19-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.05	AUD	ORD	-3,409	-3,40
19-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.05	AUD	ORD	-7,501	-7,50
19-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.05	AUD	ORD	-5,695	-5,69
19-Jun-18 19-Jun-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt sell on mkt sell	30.05 30.05	AUD AUD	ORD ORD	-4,938 -825	-4,93 -82
19-Jun-18	BlackRock Investment Management, LLC	on mkt sell	30.05	AUD	ORD	-820	-82
19-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.05	AUD	ORD	-1,708	-1,70
19-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	30.05	AUD	ORD	-590	-59
19-Jun-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	30.05	AUD	ORD	-2,318	-2,31
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.03	AUD	ORD	-9,922	-9,92
19-Jun-18	BlackRock Fund Advisors	on mkt sell	29.93	AUD	ORD	-25,592	-25,59
19-Jun-18	BlackRock Fund Advisors	on mkt sell	29.93	AUD	ORD	-14,712	-14,71
19-Jun-18	BlackRock Fund Advisors	on mkt sell	29.93	AUD	ORD	-14,400	-14,40
19-Jun-18	BlackRock Fund Advisors	on mkt buy	29.93	AUD	ORD	650	65
19-Jun-18	BlackRock Fund Advisors	in specie		AUD	ORD	800	80
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,553	-4,55
19-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	5,928	5,92
19-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-428,355	-428,35
19-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	44,141	44,14
19-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	786,333	786,33
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.39	AUD	ORD	-392	-39
20-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.39	AUD	ORD	-2,181	-2,18
20-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.39	AUD	ORD	-481	-48

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.46	AUD	ORD	-1,968	-1,96
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.46	AUD	ORD	-2,247	-2,24
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.46	AUD	ORD	-2,237	-2,23
20-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.59	AUD	ORD	3,675	3,67
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.59	AUD	ORD	-3,984	-3,984
20-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	3,025	3,02
20-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,800	-20,80
20-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-21,512	-21,51
20-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,789	4,78
20-Jun-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	457	45
20-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	9,535	9,53
20-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	651,154	651,154
20-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9,002	9,002
21-Jun-18	BlackRock Investment Management, LLC	on mkt buy	31.81	AUD	ORD	417	41
21-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	31.81	AUD	ORD	-1,961	-1,96′
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-5,555	-5,555
21-Jun-18	BlackRock International Limited	on mkt sell	31.81	AUD	ORD	-5,437	-5,43
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-1,767	-1,76
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.81	AUD	ORD	-9,265	-9,26
21-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.84	AUD	ORD	-2,473	-2,473
21-Jun-18	BlackRock Advisors, LLC	on mkt sell	31.81	AUD	ORD	-3,184	-3,18
21-Jun-18	BlackRock Advisors, LLC	on mkt sell	31.81	AUD	ORD	-2,616	-2,61
21-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	31.81	AUD	ORD	-3,038	-3,03
21-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	31.81	AUD	ORD	-5,177	-5,17
21-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	31.81	AUD	ORD	-1,697	-1,69
21-Jun-18	BlackRock Investment Management, LLC	on mkt sell	31.81	AUD	ORD	-862	-862
21-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	31.81	AUD	ORD	-1,075	-1,07
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-5,134	-5,134
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-11,773	-11,773
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-2,928	-2,928
21-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	31.81	AUD	ORD	-5,400	-5,40
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-2,347	-2,34
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-2,150	-2,150
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-4,506	-4,500
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.81	AUD	ORD	-6,297	-6,29
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.81	AUD	ORD	-5,226	-5,220
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.81	AUD	ORD	-8,365	-8,36
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-1,728	-1,728
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.81	AUD	ORD	-1,988	-1,988
21-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	31.81	AUD	ORD	-747	-74
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	31.91	AUD	ORD	1,430	1,430
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.91	AUD	ORD	-1,170	-1,170
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.91	AUD	ORD	-762	-762
01 1.00 10	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,049	-1,049
21-Jun-18 21-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	11/a	AUD	ORD	646,108	646,108

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
21-Jun-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-262	-26
21-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-283	-28
21-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-748,564	-748,56
21-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-491	-49
22-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.07	AUD	ORD	-9,488	-9,48
22-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	31.02	AUD	ORD	-60,506	-60,50
22-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.88	AUD	ORD	-2,274	-2,27
22-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,054	-9,05
22-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	33,671	33,67
22-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-138,867	-138,86
22-Jun-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-95	-(
22-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	243	24
22-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-720	-72
22-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	572	5
25-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.81	AUD	ORD	1,242	1,24
25-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.82	AUD	ORD	-2,646	-2,64
25-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.82	AUD	ORD	-3,591	-3,5
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,470	1,4
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,400	-6,4
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,880	-14,8
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,8
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,8
25-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6	
25-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-28,053	-28,0
25-Jun-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-99	-
25-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,494	-9,4
25-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-560,976	-560,9
25-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-9,082	-9,0
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.48	AUD	ORD	2,586	2,5
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.48	AUD	ORD	2,460	2,4
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.48	AUD	ORD	-6,739	-6,7
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-1,564	-1,5
26-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.46	AUD	ORD	-1,747	-1,7
26-Jun-18	BlackRock Investment Management, LLC	on mkt sell	30.51	AUD	ORD	-2,377	-2,3
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.46	AUD	ORD	-4,748	-4,7
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.51	AUD	ORD	-5,953	-5,9
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.51	AUD	ORD	-858	-8
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.46	AUD	ORD	-6,641	-6,6
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.51	AUD	ORD	-7,175	-7,1
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.51	AUD	ORD	-3,873	-3,8
26-Jun-18 26-Jun-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	30.51 30.51	AUD AUD	ORD ORD	-1,713 -1,158	-1,7 -1,1
26-Jun-18	BlackRock Asset Management Canada	on mkt sell	30.51	AUD	ORD	-2,652	-2,6
26-Jun-18	Limited BlackRock Investment Management, LLC	on mkt sell	30.51	AUD	ORD	-859	-8
26-Jun-18	BlackRock International Limited	on mkt sell	30.46	AUD	ORD	-5,192	-5,1
26-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.51	AUD	ORD	-972	-9
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-4,725	-4,7

	changed	Consideration give change	en in relation to e (7)	CCY		number of s affected	votes affected
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-15,789	-15,78
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-2,280	-2,28
26-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.51	AUD	ORD	-2,493	-2,49
26-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.51	AUD	ORD	-849	-84
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.51	AUD	ORD	-6,694	-6,69
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.51	AUD	ORD	-5,441	-5,44
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.51	AUD	ORD	-7,646	-7,64
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-3,548	-3,54
26-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.51	AUD	ORD	-668	-66
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-822	-82
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-764	-76
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.48	AUD	ORD	-331	-33
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.51	AUD	ORD	-239	-23
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.59	AUD	ORD	560	56
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	30.59	AUD	ORD	-1,568	-1,56
26-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.59	AUD	ORD	5,210	5,21
26-Jun-18	BlackRock Fund Advisors	on mkt buy	30.59	AUD	ORD	128	12
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.59	AUD	ORD	-21,684	-21,68
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,200	-3,20
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,400	-6,4
26-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,119,630	1,119,63
26-Jun-18 27-Jun-18	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	collateral transfer	n/a 31.25	AUD AUD	ORD ORD	-350,151	-350,15 2,07
	National Association	on mkt buy				2,074	
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.18	AUD	ORD	-6,431	-6,43
27-Jun-18	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company,	on mkt sell	31.18	AUD	ORD	-3,207	-3,20
27-Jun-18	National Association	on mkt sell	31.18			-3,229	-3,22
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-670	-67
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-2,035	-2,03
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-499	-49
27-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.59	AUD	ORD	1,523	1,52
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-3,154	-3,15
27-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	31.52	AUD	ORD	-3,840	-3,84
27-Jun-18 27-Jun-18	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell on mkt sell	31.52 31.52	AUD AUD	ORD ORD	-12,193 -11,548	-12,19 -11,54
27-Jun-18	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,146	5,14
27-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-822,420	-822,42
27-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	479,265	479,26
27-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	
28-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.65	AUD	ORD	-4,837	-4,83
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.65	AUD	ORD	-3,294	-3,29
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.71	AUD	ORD	-388	-38
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.71	AUD	ORD	-390	-39
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.71	AUD	ORD	-780	-78
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,920	-9,92
28-Jun-18	BlackRock Fund Advisors BlackRock Japan Co., Ltd.	in specie collateral transfer	n/a n/a	AUD AUD	ORD ORD	-5,146 -185,221	-5,14 -185,22
	DIAUNINUUN JAPAH UU., LIU.			AUD	ORD	-653,178	-185,22
28-Jun-18 28-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ALIII			

Date of Change	Person whose relevant interest changed	Consideratio	of change (6) / n given in relation to hange (7)	CCY	Class and securities		Person's votes affected
29-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.88	AUD	ORD	-1,006	-1,00
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.88	AUD	ORD	-2,895	-2,89
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-2,898	-2,89
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.89	AUD	ORD	-2,023	-2,02
29-Jun-18	BlackRock Advisors, LLC	on mkt sell	30.89	AUD	ORD	-3,067	-3,06
29-Jun-18	BlackRock Advisors, LLC	on mkt sell	30.89	AUD	ORD	-994	-99
29-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-443	-44
29-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-3,120	-3,12
29-Jun-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-998	-99
29-Jun-18	BlackRock Investment Management, LLC	on mkt sell	30.89	AUD	ORD	-814	-81
29-Jun-18	BlackRock International Limited	on mkt sell	30.88	AUD	ORD	-4,657	-4,65
29-Jun-18	BlackRock Investment Management (UK)	on mkt sell	30.89	AUD	ORD	-4,037	-4,03
20 0011 10	Limited	on mitt oon	00.00	NOD	OND	020	02
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-4,408	-4,40
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-13,662	-13,66
29-Jun-18	BlackRock Institutional Trust Company,	on mkt sell	30.89	AUD	ORD	-1,021	-1,02
29-Jun-18	National Association BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-3,612	-3,61
29-Jun-18	BlackRock Advisors, LLC	on mkt sell	30.89	AUD	ORD	-443	-44
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-4,939	-4,93
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-2,280	-2,28
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-2,682	-2,68
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-4,180	-4,18
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-3,176	-3,17
29-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	30.89	AUD	ORD	-1,153	-1,15
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-3,476	-3,47
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-4,676	-4,67
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.94	AUD	ORD	11,502	11,50
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.90	AUD	ORD	29,378	29,37
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	30.90	AUD	ORD	2,450	2,45
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	30.90	AUD	ORD	-965	-96
29-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.90	AUD	ORD	-794	-79
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.90	AUD	ORD	-3,278	-3,27
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.90	AUD	ORD	-24,376	-24,37
29-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	30.90	AUD	ORD	-17,834	-17,83
29-Jun-18	BlackRock Fund Advisors	on mkt buy	30.90	AUD	ORD	2,131	2,13
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.90	AUD	ORD	2,229	2,22
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.90	AUD	ORD	-3,100	-3,10
29-Jun-18	BlackRock Investment Management (UK)	on mkt sell	30.90	AUD	ORD	-13,387	-13,38
29-Jun-18	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,606	1,60
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,80
29-Jun-18	BlackRock Fund Advisors	in specie		AUD	ORD	828	
29-Jun-18	BlackRock Japan Co., Ltd.	collateral transf		AUD	ORD	-106,444	-106,44
29-Jun-18	BlackRock Advisors (UK) Limited	collateral transf		AUD	ORD	-1,392	-1,39
02-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.66	AUD	ORD	-5,576	-5,57
02-Jul-18	BlackRock Fund Advisors	on mkt buy	31.21	AUD	ORD	3,324	3,32
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,200	-11,20
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,200	-11,20
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,80
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,553	-4,55

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and securities		Person's votes affected
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	828	828
02-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-39,216	-39,216
02-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	518,233	518,233
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.56	AUD	ORD	1,024	1,024
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.55	AUD	ORD	-8,211	-8,211
03-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.53	AUD	ORD	-1,715	-1,715
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.53	AUD	ORD	-4,917	-4,917
03-Jul-18	BlackRock International Limited	on mkt sell	30.53	AUD	ORD	-5,533	-5,533
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.54	AUD	ORD	-11,925	-11,925
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.54	AUD	ORD	-9,741	-9,741
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.54	AUD	ORD	-8,398	-8,398
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.56	AUD	ORD	-2,346	-2,346
03-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	30.54	AUD	ORD	-1,637	-1,637
03-Jul-18	National Association BlackRock Investment Management, LLC	on mkt sell	30.54	AUD	ORD	-4,866	-4,866
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03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.54	AUD	ORD	-6,778	-6,778
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.54	AUD	ORD	-4,960	-4,960
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.54	AUD	ORD	-2,800	-2,800
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.54	AUD	ORD	-1,451	-1,451
03-Jul-18 03-Jul-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	<u>30.54</u> 30.54	AUD AUD	ORD ORD	-2,353 -4,149	-2,353 -4,149
03-Jul-18	BlackRock Investment Management (UK)	on mkt sell	30.54	AUD	ORD	-1,572	-1,572
03-Jul-18	Limited BlackRock Institutional Trust Company,	on mkt sell	30.54	AUD	ORD	-5,911	-5,911
	National Association		30.54	AUD	ORD	-1,549	
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell				,	-1,549
03-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.54	AUD	ORD	-4,105	-4,105
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.54	AUD	ORD	-3,592	-3,592
03-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.54	AUD	ORD	-2,641	-2,641
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.54	AUD	ORD	-7,788	-7,788
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.54	AUD	ORD	-5,559	-5,559
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.54	AUD	ORD	-4,704	-4,704
03-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.54	AUD	ORD	-885	-885
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.54	AUD	ORD	-911	-911
03-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.54	AUD	ORD	-1,323	-1,323
03-Jul-18	BlackRock Asset Management Canada	on mkt sell	30.54	AUD	ORD	-1,260	-1,260
03-Jul-18	Limited BlackRock Financial Management, Inc.	on mkt sell	30.54	AUD	ORD	-1,279	-1,279
03-Jul-18	BlackRock Investment Management, LLC	on mkt sell	30.54	AUD	ORD	-873	-873
03-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	30.54	AUD	ORD	-736	-736
03-Jul-18	National Association BlackRock Institutional Trust Company,	on mkt sell	30.54	AUD	ORD	-570	-570
	National Association						
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.54	AUD	ORD	-539	-539
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.50	AUD	ORD	-2,546	-2,546
03-Jul-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt sell	30.50	AUD	ORD ORD	2,450	2,450
03-Jul-18 03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.50 30.50	AUD	ORD	-375 -8,438	-375 -8,438
	BlackRock Advisors (UK) Limited	collateral transfer	30.50 n/a				
03-Jul-18 04-Jul-18	BlackRock Investment Management	on mkt buy	n/a 30.65	AUD AUD	ORD ORD	-546,181 1,703	-546,181 1,703
04-Jul-18	(Australia) Limited BlackRock Investment Management	on mkt sell	30.74	AUD	ORD	-2,204	-2,204
	(Australia) Limited BlackRock Investment Management	on mkt sell	30.76	AUD	ORD	-344	-344
04-Jul-18	0						
04-Jul-18 04-Jul-18	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	30.79	AUD	ORD	-12,750	-12,750

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
04-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	313,855	313,85
04-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	495.320	495,320
05-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	31.18	AUD	ORD	1,524	1,524
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.18	AUD	ORD	-535	-53
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.18	AUD	ORD	17,178	17,178
05-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-77,395	-77,39
05-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-162,413	-162,413
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.82	AUD	ORD	-2,642	-2,642
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.82	AUD	ORD	-7,314	-7,314
06-Jul-18	BlackRock International Limited	on mkt sell	30.82	AUD	ORD	-5,578	-5,578
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-1,727	-1,727
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-2,443	-2,443
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.81	AUD	ORD	-1,808	-1,808
06-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.81	AUD	ORD	-8,310	-8,310
06-Jul-18	BlackRock Advisors, LLC	on mkt sell	30.81	AUD	ORD	-2,237	-2,237
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.81	AUD	ORD	-1,522	-1,522
06-Jul-18	BlackRock Asset Management Canada	on mkt sell	30.81	AUD	ORD	-2,621	-2,621
	Limited						
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.81	AUD	ORD	-5,726	-5,726
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.81	AUD	ORD	-1,779	-1,779
06-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.81	AUD	ORD	-1,867	-1,867
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-3,684	-3,684
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-20,794	-20,794
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-2,782	-2,782
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.81	AUD	ORD	-8,234	-8,234
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-1,898	-1,898
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-4,956	-4,950
06-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.81	AUD	ORD	-11,091	-11,091
06-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.81	AUD	ORD	-8,735	-8,735
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.81	AUD	ORD	-2,612	-2,612
06-Jul-18	BlackRock Investment Management, LLC	on mkt sell	30.81	AUD	ORD	-1,431	-1,431
06-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.81	AUD	ORD	-485	-48
06-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.88	AUD	ORD	-16,629	-16,629
06-Jul-18	BlackRock Fund Advisors	on mkt buy	30.88	AUD	ORD	5,280	5,280
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.88	AUD	ORD	6,901	6,901
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.88	AUD	ORD	2,241	2,242
06-Jul-18	BlackRock Fund Advisors	on mkt buy	30.88	AUD	ORD	2,689	2,689
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,395	-1,395
06-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-94,214	-94,214
06-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	87,367	87,367
09-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.26	AUD	ORD	-2,689	-2,689
09-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.27	AUD	ORD	-1,594	-1,594
09-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	31.27	AUD	ORD	8,036	8,036
09-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.27	AUD	ORD	5,242	5,242
09-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	828	828
09-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	828	828
09-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	21,679	21,679
09-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,214	-12,214
10-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	30.93	AUD	ORD	-4,706	-4,706

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to nge (7)	ССҮ	Class and r securities		Person's votes affected
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-2,920	-2,920
10-Jul-18	BlackRock Investment Management, LLC	on mkt sell	30.89	AUD	ORD	-5,554	-5,554
10-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.89	AUD	ORD	-1,327	-1,327
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-1,117	-1,117
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-9,996	-9,996
10-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.91	AUD	ORD	-2,952	-2,952
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-7,007	-7,00
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-1,070	-1,07
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-4,249	-4,249
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-3,236	-3,236
10-Jul-18	BlackRock Advisors, LLC	on mkt sell	30.89	AUD	ORD	-2,138	-2,138
10-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-1,970	-1,970
10-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	30.89	AUD	ORD	-4,171	-4,171
10-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-5,960	-5,960
10-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-1,899	-1,899
10-Jul-18	BlackRock Investment Management, LLC	on mkt sell	30.89	AUD	ORD	-1,304	-1,304
10-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.89	AUD	ORD	-2,747	-2,747
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-4,723	-4,723
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-26,294	-26,294
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-3,985	-3,98
10-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-10,340	-10,340
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-5,088	-5,088
10-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	30.89	AUD	ORD	-4,147	-4,147
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-12,181	-12,18
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-9,612	-9,612
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-8,416	-8,410
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-1,676	-1,676
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-666	-666
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-861	-86
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-930	-930
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.26	AUD	ORD	-64	-64
10-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	30.89	AUD	ORD	-10,277	-10,277
10-Jul-18 10-Jul-18	BlackRock International Limited BlackRock Institutional Trust Company,	on mkt sell on mkt sell	31.26 30.89	AUD AUD	ORD ORD	-43 -244	-43 -244
10-Jul-18	National Association BlackRock Financial Management, Inc.	on mkt sell	30.87	AUD	ORD	-3,138	-3,138
10-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	30.87	AUD	ORD	-8,677	-8,677
10-Jul-18	National Association BlackRock International Limited	on mkt sell	30.87	AUD	ORD	-5,763	-5,763
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.01	AUD	ORD	38,010	38,010
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	30.79	AUD	ORD	282	282
10-Jul-18	BlackRock Institutional Trust Company,	on mkt buy	30.79	AUD	ORD	13,840	13,840
10-Jul-18	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	30.79	AUD	ORD	1,757	1,757
10-Jul-18	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	30,332	30,332
10-Jul-18	National Association BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-9,753	-9,753
10-Jul-18	Limited BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,354	-5,354
10-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	135,264	135,264
10-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	37,470	37,470
11-Jul-18	BlackRock Investment Management, LLC	on mkt buy	30.78	AUD	ORD	408	408

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	en in relation to	ССҮ	Class and securities		Person's votes affected
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.01	AUD	ORD	-9,838	-9,83
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.03	AUD	ORD	-12,394	-12,39
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.03	AUD	ORD	-3,487	-3,48
11-Jul-18	BlackRock Investment Management	on mkt sell	31.03	AUD	ORD	-5,337	-5,33
11-Jul-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	31.03	AUD	ORD	-3,427	-3,42
11-Jul-18	National Association BlackRock Advisors (UK) Limited	on mkt buy	31.01	AUD	ORD	700	70
11-Jul-18	BlackRock Fund Advisors	on mkt buy	31.01	AUD	ORD	1,247	1,24
11-Jul-18	BlackRock Fund Advisors	on mkt buy	31.01	AUD	ORD	1,914	1,91
11-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,240	-8,24
11-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-450,784	-450,78
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.23	AUD	ORD	-4,028	-4,02
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.23	AUD	ORD	-2,965	-2,9
12-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.24	AUD	ORD	-2,445	-2,4
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.24	AUD	ORD	-9,243	-9,2
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.23	AUD	ORD	-8,129	-8,1
12-Jul-18	BlackRock Advisors, LLC	on mkt sell	31.23	AUD	ORD	-2,066	-2,0
12-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.23	AUD	ORD	-1,461	-1,4
12-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	31.23	AUD	ORD	-2,398	-2,3
12-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.23	AUD	ORD	-3,004	-3,0
12-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.23	AUD	ORD	-937	-9
12-Jul-18	BlackRock Investment Management, LLC	on mkt sell	31.23	AUD	ORD	-1,182	-1,1
12-Jul-18	BlackRock International Limited	on mkt sell	31.24	AUD	ORD	-6,028	-6,0
12-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	31.23	AUD	ORD	-2,128	-2,1
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.23	AUD	ORD	-761	-7
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.23	AUD	ORD	-37,909	-37,9
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.23	AUD	ORD	-3,258	-3,2
12-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.23	AUD	ORD	-4,465	-4,4
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.24	AUD	ORD	1,795	1,7
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.23	AUD	ORD	-2,560	-2,5
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.23	AUD	ORD	-7,483	-7,4
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.23	AUD	ORD	-6,027	-6,0
12-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	31.24	AUD	ORD	1,213	1,2
12-Jul-18 12-Jul-18	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt sell	31.26 31.26	AUD AUD	ORD ORD	994 -14,169	-14,1
12-Jul-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	31.26	AUD	ORD	9,038	9,0
40.1.1.40	National Association	1	,	4110	000	00.000	
12-Jul-18	BlackRock Fund Advisors BlackRock Japan Co., Ltd.	in specie collateral transfer	n/a	AUD AUD	ORD ORD	23,283	23,2
12-Jul-18 12-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD	ORD	-20,134 11,760	<u>-20,1</u> 11,7
13-Jul-18	BlackRock Advisors, LLC	on mkt sell	31.40	AUD	ORD	-1,769	-1,7
13-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.41	AUD	ORD	-2,287	-2,2
13-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.54	AUD	ORD	333	3
13-Jul-18	BlackRock Advisors, LLC	on mkt buy	31.54	AUD	ORD	24,796	24,7
13-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	5,953	5,9
13-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	279	2
13-Jul-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-8,497	-8,4
16-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.46	AUD	ORD	-3,461	-3,4

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
16-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	31.75	AUD	ORD	1,501	1,501
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.47	AUD	ORD	-36,714	-36,714
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.36	AUD	ORD	175	17
16-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,557	-8,55
16-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	69,035	69,03
16-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	698	69
17-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.87	AUD	ORD	1,895	1,89
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.92	AUD	ORD	-2,263	-2,263
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.87	AUD	ORD	-17,842	-17,842
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.73	AUD	ORD	-538	-53
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.73	AUD	ORD	-1,268	-1,268
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	30.73	AUD	ORD	-3,132	-3,13
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.73	AUD	ORD	-42,865	-42,86
17-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,129	-8,129
17-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-75,719	-75,719
17-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	118	118
18-Jul-18	BlackRock Advisors, LLC	on mkt sell	31.15	AUD	ORD	-1,486	-1,480
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.43	AUD	ORD	5,024	5,024
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.45	AUD	ORD	1,420	1,42
18-Jul-18	BlackRock Financial Management, Inc.	on mkt buy	31.43	AUD	ORD	9,708	9,70
18-Jul-18	BlackRock Advisors, LLC	on mkt buy	31.43	AUD	ORD	35,879	35,87
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.43	AUD	ORD	1,775	1,77
18-Jul-18	BlackRock Advisors, LLC	on mkt buy	31.43	AUD	ORD	14,520	14,52
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.43	AUD	ORD	3,320	3,32
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.45	AUD	ORD	4,445	4,44
18-Jul-18	BlackRock International Limited	on mkt buy	31.43	AUD	ORD	5,940	5,94
18-Jul-18	BlackRock Financial Management, Inc.	on mkt buy	31.43	AUD	ORD	29,819	29,81
18-Jul-18	BlackRock Investment Management, LLC	on mkt buy	31.45	AUD	ORD	675	675
18-Jul-18	BlackRock Investment Management, LLC	on mkt buy	31.43	AUD	ORD	13,990	13,99
18-Jul-18	BlackRock Financial Management, Inc.	on mkt buy	31.43	AUD	ORD	9,083	9,08
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.43	AUD	ORD	1,220	1,22
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.45	AUD	ORD	7,344	7,34
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.45	AUD	ORD	4,125	4,12
18-Jul-18	BlackRock Advisors, LLC	on mkt buy	31.45	AUD	ORD	509	50
18-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	31.45	AUD	ORD	1,993	1,99
18-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	31.45	AUD	ORD	-1,393	-1,39
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.45	AUD	ORD	-1,325	-1,32
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.46	AUD	ORD	-1,051	-1,05
18-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.46	AUD	ORD	-3,867	-3,86
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.45	AUD	ORD	-2,797	-2,79
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.45	AUD	ORD	-2,346	-2,34
18-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.46	AUD	ORD	-1,660	-1,66
18-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	31.45	AUD	ORD	-716	-71
18-Jul-18	BlackRock Advisors, LLC	on mkt sell	31.47	AUD	ORD	-783	-78
18-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.45	AUD	ORD	-2,153	-2,15
18-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	31.45	AUD	ORD	-2,004	-2,004
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.45	AUD	ORD	-1,879	-1,879

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
18-Jul-18	BlackRock Investment Management, LLC	on mkt sell	31.45	AUD	ORD	-607	-607
18-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.46	AUD	ORD	-301	-301
18-Jul-18	BlackRock Advisors, LLC	on mkt sell	31.43	AUD	ORD	-1,263	-1,263
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,348	-10,348
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,174	-5,174
18-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	15,995	15,995
18-Jul-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	33	33
18-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,043	2,043
19-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.39	AUD	ORD	-764	-764
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.35	AUD	ORD	-1,231	-1,23
19-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	600,203	600,203
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.58	AUD	ORD	-1,815	-1,81
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.58	AUD	ORD	-767	-76
20-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.58	AUD	ORD	-893	-893
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.58	AUD	ORD	-1,739	-1,739
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.58	AUD	ORD	-3,829	-3,82
20-Jul-18	BlackRock Advisors, LLC	on mkt buy	31.62	AUD	ORD	1,040	1,04
20-Jul-18	BlackRock Advisors, LLC	on mkt sell	31.58	AUD	ORD	-1,710	-1,71
20-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	31.58	AUD	ORD	-993	-99;
20-Jul-18	BlackRock International Limited	on mkt sell	31.58	AUD	ORD	-2,185	-2,18
20-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	31.58	AUD	ORD	-550	-55
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.58	AUD	ORD	-537	-53
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.58	AUD	ORD	-7,178	-7,17
20-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	31.58	AUD	ORD	-3,532	-3,53
20-Jul-18	BlackRock Advisors, LLC	on mkt buy	31.62	AUD	ORD	515	51
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.62	AUD	ORD	5,662	5,66
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.58	AUD	ORD	-2,946	-2,94
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	31.58	AUD	ORD	-2,591	-2,59
20-Jul-18	BlackRock Investment Management, LLC	on mkt buy	31.62	AUD	ORD	605	60
20-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	31.63	AUD	ORD	1,541	1,54
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.62	AUD	ORD	3,274	3,27
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.62	AUD	ORD	3,399	3,39
20-Jul-18	BlackRock Investment Management, LLC	on mkt sell	31.58	AUD	ORD	-468	-468
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.74	AUD	ORD	1,231	1,23
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.74	AUD	ORD	1,231	1,23
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.74	AUD	ORD	333	33
20-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,390	-6,39
20-Jul-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,054	-9,05
20-Jul-18 20-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,054 8,263	-9,05
20-Jul-18 20-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-121,286	-121,28
20-Jul-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-121,280	-121,20
20-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	12	1:
23-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.48	AUD	ORD	-2,103	-2,10
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.36	AUD	ORD	336	33
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	31.36	AUD	ORD	2,554	2,55
23-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	31.36	AUD	ORD	11,857	11,85
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,583	-4,58
23-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,813	-12,81
23-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-19,868	-19,868

Advisors (UK) Limited Institutional Trust Company, sociation Fund Advisors Institutional Trust Company, sociation Investment Management imited Advisors (UK) Limited Investment Management imited Advisors (UK) Limited Iapan Co., Ltd. Advisors (UK) Limited Institutional Trust Company, sociation Financial Management, Inc.	collateral transfer in specie on mkt buy on mkt sell on mkt sell on mkt buy on mkt buy in specie collateral transfer collateral transfer	n/a n/a 31.57 31.72 31.74 31.80 31.80 n/a	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	-495,940 -6,361 4,929 -3,014 -2,935	-495,94 -6,36 4,92 -3,01
nstitutional Trust Company, sociation Fund Advisors Institutional Trust Company, sociation Investment Management imited Advisors (UK) Limited Investment Management imited Advisors (UK) Limited Iapan Co., Ltd. Advisors (UK) Limited Institutional Trust Company, sociation	on mkt buy on mkt sell on mkt sell on mkt buy on mkt buy in specie collateral transfer	31.57         31.72         31.74         31.80         31.80	AUD AUD AUD AUD	ORD ORD ORD	4,929 -3,014	4,92
nstitutional Trust Company, sociation nvestment Management imited Advisors (UK) Limited nvestment Management imited Advisors (UK) Limited lapan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	on mkt sell on mkt sell on mkt buy on mkt buy in specie collateral transfer	31.72 31.74 31.80 31.80	AUD AUD AUD	ORD ORD	-3,014	
sociation nvestment Management imited Advisors (UK) Limited nvestment Management imited Advisors (UK) Limited Iapan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	on mkt sell on mkt buy on mkt buy in specie collateral transfer	31.74 31.80 31.80	AUD	ORD		2.04
nvestment Management imited Advisors (UK) Limited nvestment Management imited Advisors (UK) Limited Japan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	on mkt buy on mkt buy in specie collateral transfer	31.80 31.80	AUD		-2,935	-3,0
Advisors (UK) Limited nvestment Management imited Advisors (UK) Limited Iapan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	on mkt buy in specie collateral transfer	31.80		ORD		-2,9
nvestment Management imited Advisors (UK) Limited lapan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	on mkt buy in specie collateral transfer	31.80			1,231	1,2
Advisors (UK) Limited lapan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	collateral transfer	n/a		ORD	5,546	5,5
lapan Co., Ltd. Advisors (UK) Limited nstitutional Trust Company, sociation	collateral transfer	11/04	AUD	ORD	-32,334	-32,3
nstitutional Trust Company, sociation	collateral transfor	n/a	AUD	ORD	-48,268	-48,2
sociation	Julia Cial I al 15161	n/a	AUD	ORD	-4,525	-4,
	in specie	n/a	AUD	ORD	-6,404	-6,
	on mkt sell	32.06	AUD	ORD	-793	-
nstitutional Trust Company, sociation	on mkt sell	32.06	AUD	ORD	-1,942	-1,
lapan Co., Ltd.	on mkt sell	32.09	AUD	ORD	-2,949	-2,
Advisors, LLC	on mkt buy	32.09	AUD	ORD	3,915	-2, 3,
Advisors (UK) Limited	on mkt buy	32.10	AUD	ORD	1,134	1,
nternational Limited	on mkt sell	32.06	AUD	ORD	-2,990	-2,
Advisors, LLC	on mkt buy	32.10	AUD	ORD	763	<u> </u>
nvestment Management, LLC	on mkt buy	32.10	AUD	ORD	435	
nstitutional Trust Company, sociation	on mkt buy	32.10	AUD	ORD	3,134	3,
nstitutional Trust Company, sociation	on mkt buy	32.10	AUD	ORD	4,051	4,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-15,316	-15,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-3,934	-3,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-3,916	-3,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-1,755	-1,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-789	-
nvestment Management, LLC	on mkt sell	32.13	AUD	ORD	-1,307	-1,
nvestment Management imited	on mkt sell	32.10	AUD	ORD	-1,989	-1,
lapan Co., Ltd.	on mkt sell	32.10	AUD	ORD	-1.154	-1.
lapan Co., Ltd.	on mkt sell	32.10	AUD	ORD	-726	
Advisors, LLC	on mkt sell	32.10	AUD	ORD	-1,651	-1,
Asset Management Canada	on mkt sell	32.10	AUD	ORD	-911	-
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-4,293	-4,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-9,099	-9,
Financial Management, Inc.	on mkt sell	32.10	AUD	ORD	-4,153	-4,
nvestment Management (UK)	on mkt sell	32.10	AUD	ORD	-942	-
Advisors (UK) Limited	on mkt sell	32.10	AUD	ORD	-2,890	-2,
Advisors (UK) Limited	on mkt sell	32.10	AUD	ORD	-2,325	-2,
nvestment Management imited	on mkt sell	32.10	AUD	ORD	-4,325	-4,
nvestment Management imited	on mkt sell	32.10	AUD	ORD	-2,476	-2,
nstitutional Trust Company, sociation	on mkt sell	32.10	AUD	ORD	-424	-
nvestment Management imited	on mkt sell	32.10	AUD	ORD	-591	-
	on mkt sell	32 10	ALID	ORD	-664	-
nvestment Management, LLC	on mkt sell	32.10	AUD	ORD	-521	-
nstitutional Trust Company,	on mkt sell	32.10	AUD	ORD	-658	-
	an mist 11	20.40		000		-
	nited stitutional Trust Company, ociation vestment Management nited upan Co., Ltd. vestment Management, LLC stitutional Trust Company, ociation vestment Management	nited stitutional Trust Company, on mkt sell sciation vestment Management on mkt sell inted upan Co., Ltd. on mkt sell vestment Management, LLC on mkt sell stitutional Trust Company, on mkt sell sciation vestment Management on mkt sell	nited stitutional Trust Company, on mkt sell 32.10 vociation vestment Management on mkt sell 32.10 vestment Management, LLC on mkt sell 32.10 stitutional Trust Company, on mkt sell 32.10 stitutional Trust Company, on mkt sell 32.10 vestment Management on mkt sell 32.10	nited stitutional Trust Company, on mkt sell 32.10 AUD sciation vestment Management on mkt sell 32.10 AUD inted upan Co., Ltd. on mkt sell 32.10 AUD vestment Management, LLC on mkt sell 32.10 AUD stitutional Trust Company, on mkt sell 32.10 AUD sciation	nited         stitutional Trust Company, on mkt sell       32.10       AUD       ORD         vestment Management on mkt sell       32.10       AUD       ORD         nited       32.10       AUD       ORD         upan Co., Ltd.       on mkt sell       32.10       AUD       ORD         vestment Management, LLC       on mkt sell       32.10       AUD       ORD         stitutional Trust Company, on mkt sell       32.10       AUD       ORD         ociation       on mkt sell       32.10       AUD       ORD	nited         stitutional Trust Company, on mkt sell       32.10       AUD       ORD       -424         ociation       on mkt sell       32.10       AUD       ORD       -591         nited       32.10       AUD       ORD       -591         upan Co., Ltd.       on mkt sell       32.10       AUD       ORD       -664         vestment Management, LLC       on mkt sell       32.10       AUD       ORD       -521         stitutional Trust Company, on mkt sell       32.10       AUD       ORD       -658         ociation       on mkt sell       32.10       AUD       ORD       -658         vestment Management       on mkt sell       32.10       AUD       ORD       -658

te of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	32.09	AUD	ORD	2,272	2,2
25-Jul-18	BlackRock Asset Management North Asia Limited	on mkt buy	32.03	AUD	ORD	5,158	5,1
25-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	32.11	AUD	ORD	-1,573	-1,5
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-100	-1
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,935	-12,9
25-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	355,553	355,5
25-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,640	-2,6
25-Jul-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	983	9
25-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-983	-!
26-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	32.36	AUD	ORD	6,037	6,
26-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.07	AUD	ORD	-2,966	-2,
26-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.06	AUD	ORD	-3,174	-3,
26-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.07	AUD	ORD	-186	-
26-Jul-18	BlackRock Asset Management North Asia Limited	on mkt sell	32.04	AUD	ORD	-2,469	-2,
26-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	32.15	AUD	ORD	-1,166	-1,
26-Jul-18 26-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	32.15	AUD	ORD	-1,166	-1, -1,
26-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.15	AUD	ORD	-21,992	-21,
26-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,600	-17
26-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-14,882	-17,
26 Jul 19	BlackRock Japan Co., Ltd.	collateral transfer	2/2		ORD	02 205	02
26-Jul-18 26-Jul-18	BlackRock Financial Management, Inc.	collateral transfer	n/a n/a	AUD AUD	ORD	<u>93,205</u> 1	93
26-Jul-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1	
27-Jul-18	Limited BlackRock Institutional Trust Company,	on mkt sell	32.75	AUD	ORD	-657	-
27-Jul-18	National Association BlackRock Investment Management (UK)	on mkt sell	32.48	AUD	ORD	-6,575	-6,
27-Jul-18	Limited BlackRock Investment Management (UK) Limited	on mkt sell	32.66	AUD	ORD	-1,623	-1,
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	32.93	AUD	ORD	5,136	5.
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	32.93	AUD	ORD	840	0,
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	32.93	AUD	ORD	777	
27-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	32.93	AUD	ORD	10,769	10
27-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-236,347	-236
27-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-25,371	-25,
27-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,784	20
30-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.84	AUD	ORD	-1,950	-1
30-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,
30-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-45,280	-45
30-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-142,961	-142
30-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ORD	-694	•
31-Jul-18	BlackRock Financial Management, Inc.	on mkt sell	32.29	AUD	ORD	-879	-
31-Jul-18	BlackRock Investment Management, LLC	on mkt sell	32.29	AUD	ORD	-1,311	-1,
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ORD	-2,122	-2,
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ORD	-413	-
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	32.29	AUD	ORD	-1,725	-1,
31-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.29	AUD	ORD	-3,332	-3,
31-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	32.29	AUD	ORD	-3,514	-3,
31-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	32.29	AUD	ORD	-915	-
31-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	32.29	AUD	ORD	-674	-

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	en in relation to	ССҮ	Class and r securities		Person's votes affected
31-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	32.29	AUD	ORD	-1,042	-1,04
31-Jul-18	BlackRock Investment Management, LLC	on mkt sell	32.29	AUD	ORD	-571	-57
31-Jul-18	BlackRock International Limited	on mkt sell	32.29	AUD	ORD	-3,297	-3,29
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ORD	-2,668	-2,66
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ORD	-1,443	-1,44
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	32.29	AUD	ORD	-4,270	-4,27
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	32.29	AUD	ORD	-3,294	-4,27
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	32.31	AUD	ORD	1,373	1,37
31-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	32.22	AUD	ORD	-15,916	-15,91
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	32.20	AUD	ORD	1,281	1,28
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	32.20	AUD	ORD	2,562	2,56
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	32.20	AUD	ORD	280	2,00
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	32.20	AUD	ORD	-1,158	-1,15
31-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	32.20	AUD	ORD	-33,986	-33,98
31-Jul-18	National Association BlackRock Investment Management (UK)	on mkt sell	32.20	AUD	ORD	-645	-64
31-Jul-18	Limited BlackRock Institutional Trust Company,	on mkt sell	32.20	AUD	ORD	-10,836	-10,83
31-Jul-18	National Association BlackRock Institutional Trust Company,	on mkt sell	32.20	AUD	ORD	-42,457	-42,45
31-Jul-18	National Association BlackRock Institutional Trust Company,	on mkt sell	32.20	AUD	ORD	-2,140	-2,14
	National Association						
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,057	1,05
31-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,282	-1,28
31-Jul-18 31-Jul-18	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD	-6,400 -50	-6,40
		in specie	n/a	AUD	ORD		-:
31-Jul-18	BlackRock Fund Advisors	in specie	n/a			-7,761	-7,76
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,761	-7,76
31-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-133,238	-133,23
31-Jul-18 31-Jul-18	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	<u>-11,415</u> -1	-11,41
	Limited						
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	32.11	AUD	ORD	460	46
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.06	AUD	ORD	-625	-62
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.06	AUD	ORD	-2,000	-2,00
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.06	AUD	ORD	-378	-37
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.06	AUD	ORD	-4,266	-4,26
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	32.06	AUD	ORD	-4,812	-4,81
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.05	AUD	ORD	-15,392	-15,39
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.05	AUD	ORD	-4,286	-4,28
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	32.05	AUD	ORD	-4,284	-4,28
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	32.01	AUD	ORD	28,094	28,09
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	32.01	AUD	ORD	494	49
01-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	32.01	AUD	ORD	-312	-31
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	32.07	AUD	ORD	-40,864	-40,86
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,395	-1,39
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,208	1,2
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,800	-4,80
01-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	22,198	22,1
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-51,156	-51,1
01-Aud-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	5.,1
01-Aug-18 01-Aug-18	Diackitock i inalicial Management, inc.						
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-872	-87
01-Aug-18	BlackRock Investment Management (UK) Limited BlackRock Institutional Trust Company,	collateral transfer on mkt sell	n/a 31.64	AUD	ORD ORD	-872 -797	-87
01-Aug-18 01-Aug-18	BlackRock Investment Management (UK) Limited						

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02-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.66	AUD	ORD	-636	-636
02-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.66	AUD	ORD	-4,450	-4,450
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.66	AUD	ORD	-2,071	-2,071
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.66	AUD	ORD	-1,632	-1,632
02-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	31.66	AUD	ORD	1,055	1,05
02-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.66	AUD	ORD	3,527	3,52
02-Aug-18	BlackRock Asset Management North Asia Limited	on mkt sell	31.55	AUD	ORD	-1,879	-1,87
02-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.60	AUD	ORD	-28,520	-28,52
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.63	AUD	ORD	-12,790	-12,79
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,645	6,64
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,860	8,86
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,749	-13,74
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,583	-4,58
02-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-24,937	-24,93
02-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	222,120	222,12
02-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-3
03-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	32.19	AUD	ORD	672	67
03-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD	-5,174	-5,17
03-Aug-18 03-Aug-18	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd.	in specie collateral transfer	n/a n/a	AUD	ORD	-5,345 -63,181	-5,34 -63,18
03-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-291.016	-291,01
03-Aug-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	184,193	184,19
03-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	22,773	22,77
03-Aug-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	17,072	17,07
03-Aug-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	32	3
06-Aug-18	Limited BlackRock Asset Management Canada	on mkt buy	32.13	AUD	ORD	433	43
06-Aug-18	Limited BlackRock Investment Management, LLC	on mkt buv	32.13	AUD	ORD	648	648
				-			
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,645	6,64
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,174	-5,17
06-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-80,757	-80,75
06-Aug-18 06-Aug-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-3,236 -184,194	-3,23 -184,19
06-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-22,773	-22,773
06-Aug-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-16,490	-16,49
06-Aug-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-32	-3
07-Aug-18	Limited BlackRock Institutional Trust Company,	on mkt sell	31.52	AUD	ORD	-763	-76
07-Aug-18	National Association BlackRock Financial Management, Inc.	on mkt sell	31.49	AUD	ORD	-701	-70
07-Aug-18	BlackRock Investment Management, LLC	on mkt sell	31.52	AUD	ORD	-1,276	-1,27
07-Aug-18	BlackRock Institutional Trust Company,	on mkt sell	31.49	AUD	ORD	-1,832	-1,83
	National Association						
07-Aug-18 07-Aug-18	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	31.52 31.50	AUD AUD	ORD ORD	-1,550 -2,492	-1,55 -2,49
07-Aug-18 07-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.52	AUD	ORD	-2,492	-2,49
07-Aug-18 07-Aug-18	BlackRock Asset Management Canada	on mkt sell	31.52	AUD	ORD	-1,257	-1,25
07-Aug-18	Limited BlackRock Investment Management, LLC	on mkt sell	31.52	AUD	ORD	-441	-44
07-Aug-18	Diautituut investment ivialiagement, LLC		31.32	AUD	UKD		
07-Aug-18	BlackRock International Limited	on mkt sell	31.49	AUD	ORD	-2,956	-2,95
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.52	AUD	ORD	-2,399	-2,39
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.52	AUD	ORD	-6,874	-6,87
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.52	AUD	ORD	-646	-640
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.52	AUD	ORD	-2,823	-2,82

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07-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.52	AUD	ORD	-2,159	-2,159
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.51	AUD	ORD	1,796	1,790
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.54	AUD	ORD	35,784	35,784
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.45	AUD	ORD	1,230	1,230
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.45	AUD	ORD	4,557	4,557
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.45	AUD	ORD	-8,801	-8,801
07-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	72,681	72,681
07-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,557	-9,557
07-Aug-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	1
07-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.99	AUD	ORD	-270	-270
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.00	AUD	ORD	-9,489	-9,489
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.00	AUD	ORD	-1,810	-1,810
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.00	AUD	ORD	-1,801	-1,801
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	31.00	AUD	ORD	9,963	9,963
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	30.93	AUD	ORD	4,118	4,118
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	30.93	AUD	ORD	222	222
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.93	AUD	ORD	-7,102	-7,102
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,174	-5,174
08-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-15,741	-15,741
08-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	38,317	38,317
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.40	AUD	ORD	2,264	2,264
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ORD	-653	-653
09-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	31.36	AUD	ORD	-666	-666
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ORD	-1,826	-1,826
09-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.36	AUD	ORD	-1,432	-1,432
09-Aug-18	BlackRock Advisors, LLC	on mkt buy	31.40	AUD	ORD	3,182	3,182
09-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	31.36	AUD	ORD	-849	-849
09-Aug-18	BlackRock International Limited	on mkt sell	31.36	AUD	ORD	-1,332	-1,332
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ORD	-1,580	-1,580
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ORD	-473	-473
09-Aug-18	BlackRock Advisors, LLC	on mkt buy	31.40	AUD	ORD	568	568
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.40	AUD	ORD	11,432	11,432
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.40	AUD	ORD	1,367	1,367
09-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.36	AUD	ORD	-2,377	-2,377
09-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.36	AUD	ORD	-1,893	-1,893
09-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	31.40	AUD	ORD	2,335	2,335
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.40	AUD	ORD	7,300	7,300
09-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	31.50	AUD	ORD	2,482	2,482
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,510	1,510
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	5,345	5,345
09-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,700	-4,700
09-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	501,559	501,559
09-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	443,441	443,441
10-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.11	AUD	ORD	496	496
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,020	3,020
10-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-501,559	-501,559
10-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-377,670	-377,6

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10-Aug-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-
10-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2	
13-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.95	AUD	ORD	-816	-81
13-Aug-18	BlackRock Investment Management, LLC	on mkt buy	31.11	AUD	ORD	897	89
13-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	30.89	AUD	ORD	12,304	12,30
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	30.87	AUD	ORD	7,368	7,36
13-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.86	AUD	ORD	-9,814	-9,81
13-Aug-18	BlackRock Advisors, LLC	on mkt sell	30.86	AUD	ORD	-26,920	-26,92
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	30.86	AUD	ORD	-1,232	-1,23
13-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,116	-1,11
13-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,016	-9,01
13-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	503,029	503,02
13-Aug-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-
13-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.06	AUD	ORD	-1,036	-1,03
14-Aug-18	BlackRock Investment Management, LLC	on mkt sell	31.06	AUD	ORD	-1,410	-1,41
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.06	AUD	ORD	-2,342	-2,34
14-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.06	AUD	ORD	-865	-86
14-Aug-18	BlackRock Advisors, LLC	on mkt sell	31.06	AUD	ORD	-1,501	-1,50
14-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	31.06	AUD	ORD	-1,042	-1,04
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.06	AUD	ORD	-6,388	-6,38
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.06	AUD	ORD	-894	-89
14-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	31.06	AUD	ORD	-1,916	-1,91
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.06	AUD	ORD	-5,123	-5,12
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.06	AUD	ORD	-4,071	-4,07
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.06	AUD	ORD	-640	-64
14-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	31.07	AUD	ORD	-1,094	-1,09
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.07	AUD	ORD	-2,950	-2,95
14-Aug-18	BlackRock International Limited	on mkt sell	31.07	AUD	ORD	-3,268	-3,26
14-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	31.08	AUD	ORD	1,789	1,78
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.08	AUD	ORD	8,838	8,83
14-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.08	AUD	ORD	-3,628	-3,62
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.00	AUD	ORD	-379	-37
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.00	AUD	ORD	-2,454	-2,45
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.00	AUD	ORD	-1,778	-1,77
14-Aug-18	BlackRock Advisors, LLC	on mkt sell	31.00	AUD	ORD	-16,108	-16,10
14-Aug-18 14-Aug-18	BlackRock Advisors, LLC BlackRock Institutional Trust Company,	on mkt sell on mkt buy	31.00 31.00	AUD AUD	ORD ORD	-23,471 1,698	-23,4 1,6
14 Au~ 10	National Association	colleteral transfer	n/2		000	60 700	co 7
14-Aug-18 14-Aug-18	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	68,723 88,308	68,72 88,30
14-Aug-18 14-Aug-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	00,3
14-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	
15-Aug-18	BlackRock Advisors, LLC	on mkt buy	31.06	AUD	ORD	1,000	1,00
15-Aug-18	BlackRock Investment Management, LLC	on mkt buy	31.06	AUD	ORD	1,061	1,00
15-Aug-18	BlackRock Investment Management	on mkt buy	31.07	AUD	ORD	3,323	3,32
15-Aug-18	(Australia) Limited BlackRock Financial Management, Inc.	on mkt buy	31.06	AUD	ORD	1,122	1,12
15-Aug-18	BlackRock Institutional Trust Company,	on mkt sell	31.14	AUD	ORD	-4,039	-4,03
15-Aug-18	National Association BlackRock Institutional Trust Company,	on mkt sell	31.14	AUD	ORD	-562	-56

	changed	Consideration give change		CCY	Class and securities		Person's votes affected
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.14	AUD	ORD	-536	-53
15-Aug-18	BlackRock (Netherlands) B.V.	on mkt buy	31.29	AUD	ORD	702	70
15-Aug-18	BlackRock Institutional Trust Company,	on mkt buy	31.29	AUD	ORD	21,297	21,29
	National Association						
15-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	193,508	193,50
15-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	77,076	77,07
15-Aug-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,001	-1,00
15-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,071	-1,07
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.05	AUD	ORD	-664	-664
16-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	31.06	AUD	ORD	-758	-75
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.06	AUD	ORD	-2,069	-2,06
16-Aug-18	BlackRock Advisors, LLC	on mkt sell	31.05	AUD	ORD	-1,253	-1,25
	BlackRock Asset Management Canada	on mkt sell	31.05	AUD	ORD	-928	-92
io nug io	Limited		01.00	NOD	OND	020	02
16-Aug-18	BlackRock Investment Management, LLC	on mkt sell	31.05	AUD	ORD	-447	-44
16-Aug-18	BlackRock International Limited	on mkt sell	31.06	AUD	ORD	-2,608	-2,60
	BlackRock Institutional Trust Company,	on mkt sell	31.05	AUD	ORD	-5,507	-5,50
16-Aug-18	National Association BlackRock Institutional Trust Company,	on mkt sell	31.05	AUD	ORD	-834	-83
	National Association		01.00	NOD	OND	004	00
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.05	AUD	ORD	-2,793	-2,79
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.05	AUD	ORD	-2,150	-2,15
16-Aug-18	BlackRock Japan Co., Ltd.	on mkt buy	31.10	AUD	ORD	8,419	8,41
16-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	31.00	AUD	ORD	5,075	5,07
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.00	AUD	ORD	-3,994	-3,99
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.00	AUD	ORD	496	49
16-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	39,075	39,07
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.13	AUD	ORD	10,258	10,25
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.00	AUD	ORD	1,587	1,58
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.00	AUD	ORD	-651	-65
17-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-19,835	-19,83
17-Aug-18 17-Aug-18	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-638,754 -1	-638,75
20-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	30.99	AUD	ORD	3,920	3,920
20-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.00	AUD	ORD	-1,812	-1,812
20-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,696	-20,696
20-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	629,901	629,90
20-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	431	43
21-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.01	AUD	ORD	-2,797	-2,79
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.01	AUD	ORD	-735	-73
21-Aug-18	BlackRock Advisors, LLC	on mkt sell	31.01	AUD	ORD	-989	-98
21-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	31.01	AUD	ORD	-662	-66
21-Aug-18	BlackRock Investment Management, LLC	on mkt sell	31.01	AUD	ORD	-488	-48
21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.01	AUD	ORD	-652	-652
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.01	AUD	ORD	-2,394	-2,39
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.01	AUD	ORD	-1,851	-1,85
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.01	AUD	ORD	490	49
21-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	31.01	AUD	ORD	2,059	2,05
21-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	31.01	AUD	ORD	-662	-66
21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.01	AUD	ORD	-1,371	-1,37
21-Aug-18	BlackRock International Limited	on mkt sell	31.01	AUD	ORD	-2,406	-2,40
21-Aug-18 21-Aug-18	BlackRock Asset Management North Asia		31.04	AUD	ORD	3,146	3,14
-	Limited	on mkt buy	30.98	AUD	ORD	90	9
_	BlackRock Advisors (LIK) Limited		00.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0	30	9
21-Aug-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited			AUD	ORD	139	13
_	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt sell	30.98 31.03	AUD AUD	ORD ORD	139 -25,893	13 -25,89

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
21-Aug-18	BlackRock Fund Advisors	on mkt buy	30.98	AUD	ORD	3,849	3,84
21-Aug-18	BlackRock Advisors, LLC	on mkt buy	30.98	AUD	ORD	22,789	22,78
21-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,057	-2,05
21-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-471,462	-471,462
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	30.89	AUD	ORD	-3,720	-3,720
22-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.79	AUD	ORD	-1,936	-1,936
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	30.83	AUD	ORD	-6,165	-6,165
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	30.75	AUD	ORD	495	495
22-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.75	AUD	ORD	986	986
22-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,925	9,92
22-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	47,346	47,346
22-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-431	-431
23-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	30.43	AUD	ORD	-726	-726
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.43	AUD	ORD	-1,390	-1,390
23-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	30.44	AUD	ORD	-782	-782
23-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	30.45	AUD	ORD	2,686	2,686
23-Aug-18	BlackRock Advisors, LLC	on mkt sell	30.44	AUD	ORD	-1,139	-1,139
23-Aug-18	BlackRock Investment Management, LLC		30.44	AUD	ORD	-572	-572
22 Aug 19	BlackRock International Limited	on mkt sell	30.43	AUD	ORD	-2,441	-2,44
23-Aug-18 23-Aug-18	BlackRock Institutional Trust Company,	on mkt sell	30.43	AUD	ORD	-2,441	-2,44 -3,575
	National Association						
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.44	AUD	ORD	-800	-800
23-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	30.44	AUD	ORD	-1,705	-1,705
23-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	30.44	AUD	ORD	-1,275	-1,275
23-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	30.45	AUD	ORD	1,840	1,840
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.45	AUD	ORD	2,658	2,658
23-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	30.75	AUD	ORD	-7,653	-7,653
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.40	AUD	ORD	-11,150	-11,150
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.40	AUD	ORD	-2,446	-2,446
23-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	328,375	328,375
24-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	30.89	AUD	ORD	-55,227	-55,227
24-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	30.95	AUD	ORD	-1,910	-1,910
24-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	176,906	176,906
24-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
27-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.54	AUD	ORD	3,962	3,962
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-9,271	-9,271
27-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-179,997	-179,997
28-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.46	AUD	ORD	-752	-752
28-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.46	AUD	ORD	-585	-585
28-Aug-18	BlackRock Investment Management, LLC	on mkt sell	31.46	AUD	ORD	-431	-431
28-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.46	AUD	ORD	-668	-668
28-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.47	AUD	ORD	552	552
28-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	31.47	AUD	ORD	491	491
28-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	31.56	AUD	ORD	13,727	13,727
28-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.46	AUD	ORD	-1,854	-1,854
28-Aug-18	BlackRock International Limited	on mkt sell	31.47	AUD	ORD	-1,469	-1,469
28-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	31.44	AUD	ORD	-815	-815
28-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
28-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	122,074	122,074
28-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,056	-3,056
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	31.64	AUD	ORD	-3,707	-3,707
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	2,274	2,274

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and r securities		Person's votes affected
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.59	AUD	ORD	-379	-37
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.59	AUD	ORD	-2,494	-2,49
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-2,953	-2,953
29-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	31.59	AUD	ORD	1,175	1,175
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-5,804	-5,804
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,583	4,583
29-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-64,559	-64,559
29-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,501	-3,501
29-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	162	162
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.55	AUD	ORD	-913	-913
30-Aug-18	BlackRock Investment Management, LLC	on mkt sell	31.55	AUD	ORD	-569	-569
30-Aug-18	BlackRock International Limited	on mkt sell	31.59	AUD	ORD	-2,719	-2,719
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.55	AUD	ORD	-4,043	-4,043
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.55	AUD	ORD	-636	-636
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.55	AUD	ORD	-1,679	-1,679
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.55	AUD	ORD	-1,218	-1,218
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.55	AUD	ORD	-1,918	-1,918
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	31.59	AUD	ORD	-24,780	-24,780
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.50	AUD	ORD	-1,058	-1,058
30-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	800	800
30-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	5,007	5,007
31-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	31.59	AUD	ORD	8,150	8,150
31-Aug-18	BlackRock Japan Co., Ltd.	on mkt buy	31.59	AUD	ORD	10,348	10,348
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	2,990	2,990
31-Aug-18	BlackRock Investment Management, LLC	on mkt buy	31.59	AUD	ORD	2,553	2,553
31-Aug-18	BlackRock (Netherlands) B.V.	on mkt buy	31.59	AUD	ORD	141	141
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	4,312	4,312
31-Aug-18 31-Aug-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	31.59 31.59	AUD AUD	ORD ORD	1,287 15,421	1,287 15,421
31-Aug-18	BlackRock Fund Advisors	on mkt buy	31.59	AUD	ORD	10,282	10,282
31-Aug-18	BlackRock Investment Management (UK)	on mkt sell	31.59	AUD	ORD	-2,187	-2,187
or rug to	Limited		01.00	NOD	OND	2,107	2,107
31-Aug-18	BlackRock Japan Co., Ltd.	on mkt buy	31.59	AUD	ORD	3,402	3,402
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	980	980
31-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	31.59	AUD	ORD	-305	-305
31-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	31.59	AUD	ORD	-918	-918
31-Aug-18	BlackRock Investment Management, LLC	on mkt buy	31.59	AUD	ORD	837	837
31-Aug-18	BlackRock (Netherlands) B.V.	on mkt buy	31.59	AUD	ORD	44	44
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	1,416	1,416
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-4,485	-4,485
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-13,459	-13,459
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	421	421
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	31.59	AUD	ORD	5,068	5,068
31-Aug-18	BlackRock Fund Advisors	on mkt buy	31.59	AUD	ORD	3,380	3,380
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-877	-877
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-2,629	-2,629
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-445	-445
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.59	AUD	ORD	-1,337	-1,337
31-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-35,497	-35,497
31-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	242,673	242,673
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	11,926	11,926
03-Sep-18							
03-Sep-18 03-Sep-18	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer	n/a	AUD	ORD	-8,114	-8,114

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	en in relation to	ССҮ	Class and securities		Person's votes affected
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	31.30	AUD	ORD	-1,208	-1,20
04-Sep-18	BlackRock Asset Management North Asia Limited	on mkt sell	31.28	AUD	ORD	-37,411	-37,41
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	31.31	AUD	ORD	1,238	1,23
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	31.31	AUD	ORD	280	28
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	31.32	AUD	ORD	7,428	7,42
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	31.33	AUD	ORD	12,380	12,38
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	31.31	AUD	ORD	-2,484	-2,48
04-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,682	-3,68
04-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	103,155	103,15
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.96	AUD	ORD	-894	-89
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	30.95	AUD	ORD	505	50
05-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	30.96	AUD	ORD	-1,037	-1,03
05-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	30.95	AUD	ORD	-2,150	-2,15
05-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	30.95	AUD	ORD	-1,064	-1,06
05-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	30.95	AUD	ORD	-1,237	-1,23
05-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	30.95	AUD	ORD	-539	-53
05-Sep-18	BlackRock Investment Management, LLC	on mkt sell	30.95	AUD	ORD	-578	-57
05-Sep-18	BlackRock International Limited	on mkt sell	30.96	AUD	ORD	-1,678	-1,67
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.95	AUD	ORD	528	52
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.95	AUD	ORD	-6,482	-6,48
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.95	AUD	ORD	-807	-80
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.95	AUD	ORD	-2,151	-2,15
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.95	AUD	ORD	-2,157	-2,15
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-3,176	-3,17
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	30.89	AUD	ORD	495	49
05-Sep-18	BlackRock Advisors, LLC	on mkt buy	30.89	AUD	ORD	2,026	2,02
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	30.89	AUD	ORD	-1,693	-1,69
05-Sep-18	BlackRock Fund Advisors	on mkt buy	30.89	AUD	ORD	990	99
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-995	-99
05-Sep-18	BlackRock Fund Advisors	on mkt sell	30.89	AUD	ORD	-2,282	-2,28
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-837	-83
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,775	3,77
05-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-44,359	-44,35
05-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-118,266	-118,26
06-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.27	AUD	ORD	50,791	50,79
06-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.27	AUD	ORD	40,840	40,84
06-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	30.27	AUD	ORD	38,424	38,42
06-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	30.22	AUD	ORD	-2,561	-2,56
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	942	94
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,600	-9,60
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,834	-5,83
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,309	-3,30
06-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-27,973	-27,97
06-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	101,791	101,79
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.49	AUD	ORD	-1,374	-1,37
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.48	AUD	ORD	-486	-48
07-Sep-18	BlackRock Advisors, LLC	on mkt buy	29.51	AUD	ORD	2,083	2,08
07-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	29.48	AUD	ORD	-527	-52
07-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	29.43	AUD	ORD	52,456	52,45
07-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	29.43	AUD	ORD	29,602	29,60
07-Sep-18	BlackRock Investment Management, LLC	on mkt sell	29.48	AUD	ORD	-502	-50
07-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.48	AUD	ORD	-593	-59

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.51	AUD	ORD	713	713
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.48	AUD	ORD	-9,996	-9,996
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.48	AUD	ORD	-1,465	-1,465
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.51	AUD	ORD	2,111	2,111
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	29.48	AUD	ORD	-1,605	-1,605
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	29.48	AUD	ORD	-1,241	-1,241
07-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	29.48	AUD	ORD	-460	-460
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.60	AUD	ORD	280	280
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.60	AUD	ORD	493	493
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.54	AUD	ORD	8,911	8,911
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,510	1,510
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,746	9,746
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,531	7,531
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,158	-5,158
07-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	30,995	30,995
07-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,463	-11,463
10-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	30.02	AUD	ORD	1,525	1,525
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.98	AUD	ORD	7,480	7,480
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.98	AUD	ORD	248,312	248,312
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.98	AUD	ORD	15,201	15,201
10-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	30.22	AUD	ORD	5,893	5,893
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	30.00	AUD	ORD	2,900	2,900
10-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	30.00	AUD	ORD	840	840
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,812	1,812
10-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-81,634	-81,634
10-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,361	12,361
11-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.63	AUD	ORD	-811	-811
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.64	AUD	ORD	573	573
11-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.64	AUD	ORD	1,193	1,193
11-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	29.62	AUD	ORD	-1,489	-1,489
11-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	29.63	AUD	ORD	-2,828	-2,828
11-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	29.63	AUD	ORD	-1,892	-1,892
11-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	29.63	AUD	ORD	-1,640	-1,640
11-Sep-18	BlackRock Advisors, LLC	on mkt buy	29.64	AUD	ORD	702	702
11-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	29.63	AUD	ORD	-580	-580
11-Sep-18	BlackRock Investment Management, LLC	on mkt sell	29.63	AUD	ORD	-482	-482
11-Sep-18	BlackRock Investment Management (UK)	on mkt sell	29.63	AUD	ORD	-555	-555
11-Sep-18	Limited BlackRock Institutional Trust Company,	on mkt buy	29.64	AUD	ORD	2,170	2,170
11-Sep-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.63	AUD	ORD	-6,190	-6,190
11-Sep-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	29.63	AUD	ORD	-802	-802
11-Sep-18	BlackRock Institutional Trust Company,	on mkt buy	29.64	AUD	ORD	1,853	1,853
11-Sep-18	National Association BlackRock Investment Management (UK)	on mkt sell	29.63	AUD	ORD	-1,251	-1,251
11-Sep-18	Limited BlackRock Advisors (UK) Limited	on mkt sell	29.63	AUD	ORD	-1,145	-1,145
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	29.63	AUD	ORD	-895	-895
11-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	29.64	AUD	ORD	794	794
11-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.63	AUD	ORD	-1,672	-1,672
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.60	AUD	ORD	3,864	3,864
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.60	AUD	ORD	376	376
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.60	AUD	ORD	495	495
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	100
11-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,004	-8,004
11-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,822	6,822

12-Sep-18         BlackRock Financial Management, ILC         collateral transfer         n/a         AUD         ORD         -18           12-Sep-18         BlackRock investment Management, ILC         collateral transfer         n/a         AUD         ORD         -3,231           12-Sep-18         BlackRock kaset Management North Asia         collateral transfer         n/a         AUD         ORD         -1,452           13-Sep-18         BlackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -2,798           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Advisors, ULC         on mkt sell         29.37         AUD         ORD         -1,617           13-Sep-18         BlackRock Advisors, ULC         on mkt sell         29.37         AUD         ORD         -7,734           13-Sep-18         BlackRock Advisors, ULC         on mkt sell         29.37         AUD         ORD         -670           13-Sep-18         BlackRock International Association         nmkt sell         29.37         AUD         ORD         -3,059           13-Sep-18         BlackRock Instremational Association <th>Date of Change</th> <th>Person whose relevant interest changed</th> <th>Nature of cha Consideration give change</th> <th>n in relation to</th> <th>CCY</th> <th>Class and securities</th> <th></th> <th>Person's votes affected</th>	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
11-Sep-18         BlackRook Investment Management, Iuc.         collateral transfer         n/a         AUD         ORD         34,378           11-Sep-18         BlackRook Investment Management, IUC         collateral transfer         n/a         AUD         ORD         14,784           11-Sep-18         BlackRook Asset Management, IUC         collateral transfer         n/a         AUD         ORD         11,744           12-Sep-18         BlackRook Investment Management, IUC         on mk buy         29,59         AUD         ORD         1,144           12-Sep-18         BlackRook Investment Management, IUC         on mk buy         29,59         AUD         ORD         1,158           12-Sep-18         BlackRook Investment Management, IUC         on mk buy         29,59         AUD         ORD         5,102           12-Sep-18         BlackRook Investment Management, IUC         on mk buy         29,58         AUD         ORD         4,803           12-Sep-18         BlackRook Investment Management, IUC         on mk buy         29,58         AUD         ORD         4,803           12-Sep-18         BlackRook Investment Management, IUC         on mk buy         29,57         AUD         ORD         4,803           12-Sep-18         BlackRook Andaro (UK) Ilmited	11-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,078	-8,078
11-Sep-18         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         47.848           11-Sep-18         BlackRock Investment Management         on mit buy         29.59         AUD         ORD         1.144           12-Sep-18         BlackRock Investment Management         on mit buy         29.59         AUD         ORD         1.144           12-Sep-18         BlackRock Investment Management         on mit buy         29.59         AUD         ORD         2.122           12-Sep-18         BlackRock Investment Management         on mit buy         29.59         AUD         ORD         5.102           12-Sep-18         BlackRock Knowstment Management         on mit buy         29.59         AUD         ORD         4.800           12-Sep-18         BlackRock Androns         on mit buy         29.56         AUD         ORD         4.800           12-Sep-18         BlackRock Androns (UK) Limited         on mit buy         29.56         AUD         ORD         4.800           12-Sep-18         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         4.800           12-Sep-18         BlackRock Investment Management, Inc.         collateral transfer	11-Sep-18		collateral transfer	n/a	AUD	ORD	182	182
Limited         Limited         AUD         ORD         13.076           11-Sep-18         BuckRock Asset Management         on mikt buy         29.59         AUD         ORD         1,144           12-Sep-18         BuckRock Investment Management         on mikt buy         29.59         AUD         ORD         1,158           12-Sep-18         BuckRock Investment Management         on mikt buy         29.59         AUD         ORD         2,122           (Australia) Limited         on mikt buy         29.59         AUD         ORD         2,122           (Australia) Limited         on mikt buy         29.59         AUD         ORD         5,102           (Australia) Limited         on mikt buy         29.56         AUD         ORD         4,800           12-Sep-18         BuckRock Ind Adviors         in specie         n/a         AUD         ORD         5,158           12-Sep-18         BuckRock Ind Adviors         in specie         n/a         AUD         ORD         -24.660           12-Sep-18         BuckRock Investment Management, Inc.         Collateral transfer         n/a         AUD         ORD         -32.21           12-Sep-18         BuckRock Investment Management, Inc.         on mikt sell         29.37	11-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	34,378	34,378
11-Sep-15         BlackRock Asset Maragement North Asia         Collateral transfer         n/a         AUD         ORD         13.076           112-Sep-16         BlackRock Investment Management (Australia) Limited         on mkt buy         23.59         AUD         ORD         1.144           12-Sep-18         BlackRock Investment Management (Australia) Limited         on mkt buy         23.59         AUD         ORD         2.122           12-Sep-18         BlackRock Investment Management (Australia) Limited         on mkt buy         29.59         AUD         ORD         5.102           12-Sep-18         BlackRock Maragement         on mkt buy         29.59         AUD         ORD         5.102           12-Sep-18         BlackRock Inurd Advisors         in specie         n/a         AUD         ORD         4.93           12-Sep-18         BlackRock Inurd Advisors         in specie         n/a         AUD         ORD         4.93           12-Sep-18         BlackRock Invariant Management, LLC         collateral transfer         n/a         AUD         ORD         -1.62           12-Sep-18         BlackRock Invariant Management, LLC         collateral transfer         n/a         AUD         ORD         -1.422           12-Sep-18         BlackRock Invariant Management,	11-Sep-18	<b>e</b> ( )	collateral transfer	n/a	AUD	ORD	47,848	47,848
12-3ep-16         BlackRock Investment Management         on mikt buy         29.59         AUD         ORD         1,144           12-3ep-18         BlackRock Investment Management         on mikt buy         29.59         AUD         ORD         1,158           12-3ep-18         BlackRock Investment Management         on mikt buy         29.59         AUD         ORD         2,122           (13-3ep-18         BlackRock Investment Management         on mikt buy         29.59         AUD         ORD         5,102           12-3ep-18         BlackRock Investment Management         on mikt buy         29.56         AUD         ORD         4,800           12-3ep-18         BlackRock Anviors (UK) Limited         on mikt buy         29.56         AUD         ORD         4,800           12-3ep-18         BlackRock Anviors (UK) Limited         collateral transfer         n/a         AUD         ORD         -5,150           12-3ep-18         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -746,641           12-3ep-18         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -1,452           12-3ep-18         BlackRock Investment Management, Inc. <t< td=""><td>11-Sep-18</td><td>BlackRock Asset Management North Asia</td><td>collateral transfer</td><td>n/a</td><td>AUD</td><td>ORD</td><td>13,076</td><td>13,076</td></t<>	11-Sep-18	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	13,076	13,076
12-Sep-18         BlackRock Investment Management on mikt buy         29.59         AUD         ORD         1.158           12-Sep-18         BlackRock Investment Management on mikt buy         29.59         AUD         ORD         2.122           12-Sep-18         BlackRock Investment Management on mikt buy         29.59         AUD         ORD         5.102           12-Sep-18         BlackRock Ind Advisors (UK) Limited         on mikt buy         29.56         AUD         ORD         4.93           12-Sep-18         BlackRock Ind Advisors (UK) Limited         on mikt buy         29.56         AUD         ORD         4.90           12-Sep-18         BlackRock Ind Advisors (UK) Limited         collateral transfer         nn         AUD         ORD         -5.158           12-Sep-18         BlackRock Inancial Management, Lic.         collateral transfer         nn         AUD         ORD         -3.231           12-Sep-18         BlackRock Investment Management, Lic.         collateral transfer         nn         AUD         ORD         -3.231           12-Sep-18         BlackRock Instructional Trust Company.         on mit sell         29.37         AUD         ORD         -1.452           13-Sep-18         BlackRock Instructional Trust Company.         on mit sell         29.37 <td>12-Sep-18</td> <td>BlackRock Investment Management</td> <td>on mkt buy</td> <td>29.59</td> <td>AUD</td> <td>ORD</td> <td>1,144</td> <td>1,144</td>	12-Sep-18	BlackRock Investment Management	on mkt buy	29.59	AUD	ORD	1,144	1,144
12-Sep-18         BlackRock Investment Management (stratia) Limited         on mkt buy         29.59         AUD         ORD         2.122           (12-Sep-18         BlackRock Investment Management (stratia) Limited         on mkt buy         29.59         AUD         ORD         5.102           [12-Sep-18         BlackRock Fund Advisors (UK) Limited         on mkt buy         29.56         AUD         ORD         4.800           [12-Sep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         3.802           [2-Sep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         3.802           [2-Sep-18         BlackRock Avisors (UK) Limited         collateral transfer         n/a         AUD         ORD         7.46651           [2-Sep-18         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         3.231           [2-Sep-18         BlackRock Investment Management, Inc.         on mkt sell         29.37         AUD         ORD         -4.452           [3-Sep-18         BlackRock Investment Management, Inc.         on mkt sell         29.37         AUD         ORD         -1.452           [3-Sep-18         BlackRock Advisors, LLC         <	12-Sep-18	BlackRock Investment Management	on mkt buy	29.59	AUD	ORD	1,158	1,158
12-Sep-18         BlackRock Investment Management         on mkt buy         29.59         AUD         ORD         5,102           12-Sep-18         BlackRock Advisors (UK) Limited         on mkt buy         29.56         AUD         ORD         493           12-Sep-18         BlackRock Advisors         in specie         n/a         AUD         ORD         493           12-Sep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         493           12-Sep-18         BlackRock Anadvisors         in specie         n/a         AUD         ORD         4.800           12-Sep-18         BlackRock Advisors         in specie         n/a         AUD         ORD         -746,661           12-Sep-18         BlackRock Anisot Management, Inc.         collateral transfer         n/a         AUD         ORD         -1,452           12-Sep-18         BlackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -1,452           13-Sep-18         BlackRock Asset Management, Inc.         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Advisors, LLC         on mkt sell         29.37         AUD         ORD         -1	12-Sep-18	BlackRock Investment Management	on mkt buy	29.59	AUD	ORD	2,122	2,122
12.5ep-18         BlackRock Advisors (UK) Limited on mkt buy         29.66         AUD         ORD         493           12.5ep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         392           12.5ep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         392           12.5ep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         -60000           12.5ep-18         BlackRock Alpan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -746.661           12.5ep-18         BlackRock Investment Management, Inc.         collateral transfer         n/a         AUD         ORD         -746.661           12.5ep-18         BlackRock Investment Management North Asia         collateral transfer         n/a         AUD         ORD         -1,452           Limited         Imited         con mkt sell         29.37         AUD         ORD         -2,798           13.5ep-18         BlackRock Institutional Trust Company, on mkt sell         29.37         AUD         ORD         -1,467           13.5ep-18         BlackRock Advisors (UC) Limited on mkt sell         29.37         AUD         ORD         -7,148 <td>12-Sep-18</td> <td>BlackRock Investment Management</td> <td>on mkt buy</td> <td>29.59</td> <td>AUD</td> <td>ORD</td> <td>5,102</td> <td>5,102</td>	12-Sep-18	BlackRock Investment Management	on mkt buy	29.59	AUD	ORD	5,102	5,102
12-Sep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         -4,800           12-Sep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         -532           12-Sep-18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         -5,158           12-Sep-18         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -7,66,661           12-Sep-18         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         -7,66,661           12-Sep-18         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         -3,231           12-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29,37         AUD         ORD         -2,798           13-Sep-18         BlackRock Advisors, ILC         on mkt sell         29,37         AUD         ORD         -1,467           13-Sep-18         BlackRock Advisors, ILC         on mkt sell         29,37         AUD         ORD         -1,617           13-Sep-18         BlackRock Advisors, ILC         on mkt sell         2	12 Son 18		on mkt buv	20.56			402	493
12-Sep:18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         392           12-Sep:18         BlackRock Fund Advisors         in specie         n/a         AUD         ORD         -80,000           12-Sep:18         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -746,661           12-Sep:18         BlackRock Avisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -3,231           12-Sep:18         BlackRock Investment Management, ILC         collateral transfer         n/a         AUD         ORD         4,702           umited         Imited         collateral transfer         n/a         AUD         ORD         -4,702           13-Sep-18         BlackRock Institutional Trust Company, on mkt sell         29.37         AUD         ORD         -2,798           13-Sep-18         BlackRock Kinstitutional Trust Company, on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Kinstitutional Trust Company, on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Kinstitutional Trust Company, on mkt sell         29.37         AUD         ORD         -734		· · · · · · · · · · · · · · · · · · ·						-4,800
12-Sep-18         BlackRock Fund Advisors         in specie         n'a         AUD         ORD         -5,158           12-Sep-18         BlackRock Advisors (UK) Limited         collateral transfer         n'a         AUD         ORD         -746,661           12-Sep-18         BlackRock Advisors (UK) Limited         collateral transfer         n'a         AUD         ORD         -746,661           12-Sep-18         BlackRock Investment Management, LLC         collateral transfer         n'a         AUD         ORD         -746,661           12-Sep-18         BlackRock Investment Management (UK)         collateral transfer         n'a         AUD         ORD         -1,452           12-Sep-18         BlackRock Investment Management (UK)         collateral transfer         n'a         AUD         ORD         -1,452           13-Sep-18         BlackRock Financial Management North Asia         collateral transfer         n'a         AUD         ORD         -2,798           13-Sep-18         BlackRock Financial Management North Asia         collateral transfer         n'a         AUD         ORD         -2,798           13-Sep-18         BlackRock Advisors (UK) Imited         on mkt sell         29.37         AUD         ORD         -1,617           13-Sep-18         BlackRock								392
12-Sep-18       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -746,661         12-Sep-18       BlackRock Financial Management, LLC       collateral transfer       n/a       AUD       ORD       -3231         12-Sep-18       BlackRock Investment Management, LLC       collateral transfer       n/a       AUD       ORD       -3,231         12-Sep-18       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -1,452         12-Sep-18       BlackRock Investment Management, Inc.       on mkt sell       29.37       AUD       ORD       -2,798         13-Sep-18       BlackRock Financial Management, Inc.       on mkt sell       29.37       AUD       ORD       -1,467         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1,467         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1,617         13-Sep-18       BlackRock Investment Management, Inc.       on mkt sell       29.37       AUD       ORD       -670         13-Sep-18       BlackRock Investment Management, Inc.       on mkt sell       29.37       AUD       ORD       -3059<	12-Sep-18	BlackRock Fund Advisors	in specie			ORD	-5,158	-5,158
12-Sep-18         BlackRock Financial Management, Inc.         collateral transfer         n/a         AUD         ORD         -18           12-Sep-18         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         -3,231           12-Sep-18         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         4,702           12-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -2,798           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Advisors (UC)         on mkt sell         29.37         AUD         ORD         -1,617           13-Sep-18         BlackRock Investment Management, Inc.         on mkt sell         29.37         AUD         ORD         -3059           13-Sep-18         BlackRock International Management, Inc.         on mkt sell         29.37         AUD         ORD         -3059	12-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-80,000	-80,00
12-Sep-18         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         -3,231           12-Sep-18         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         4,702           12-Sep-18         BlackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -1,452           13-Sep-18         BlackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -2,798           13-Sep-18         BlackRock Institutional Trust Company, antonial Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Arkisors, LLC         on mkt sell         29.37         AUD         ORD         -1,617           13-Sep-18         BlackRock Arkisors, LLC         on mkt sell         29.37         AUD         ORD         -911           13-Sep-18         BlackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -957           13-Sep-18         BlackRock Institutional Trust Company, initied         on mkt sell         29.37         AUD         ORD         -657           13-Sep-18         BlackRock Institutiona	12-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-746,661	-746,66
12-Sep-18       BlackRock Investment Management (UK) collateral transfer       n/a       AUD       ORD       4,702         12-Sep-18       BlackRock Asset Management North Asia       collateral transfer       n/a       AUD       ORD       -1,452         13-Sep-18       BlackRock Financial Management, Inc.       on mkt sell       29.37       AUD       ORD       -841         13-Sep-18       BlackRock Institutional Trust Company, on mkt sell       29.37       AUD       ORD       -2,798         13-Sep-18       BlackRock Arkisors, LLC       on mkt sell       29.37       AUD       ORD       -1,467         13-Sep-18       BlackRock Arkisors, LLC       on mkt sell       29.37       AUD       ORD       -734         13-Sep-18       BlackRock Arkisors, LLC       on mkt sell       29.37       AUD       ORD       -911         13-Sep-18       BlackRock Kinstitutional Trust Company, on mkt sell       29.37       AUD       ORD       -967         13-Sep-18       BlackRock Arkisors, LLC       on mkt sell       29.37       AUD       ORD       -670         13-Sep-18       BlackRock Investment Management, Inc.       on mkt sell       29.37       AUD       ORD       -3059         13-Sep-18       BlackRock Institutional Trust Company, o	12-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a		ORD		-18
Limited12-Sep-18BiackRock Asset Management North Asiacollateral transfern/aAUDORD-1,45213-Sep-18BiackRock Financial Management, Inc.on mkt sell29.37AUDORD-2.79813-Sep-18BiackRock Institutional Trust Company, antional Associationon mkt sell29.37AUDORD-2.79813-Sep-18BiackRock Institutional Trust Company, antional Associationon mkt sell29.37AUDORD-1,46713-Sep-18BiackRock Advisors, LUCon mkt sell29.37AUDORD-1,46713-Sep-18BiackRock Advisors, LUCon mkt sell29.37AUDORD-1,61713-Sep-18BiackRock Advisors, LUCon mkt sell29.37AUDORD-91113-Sep-18BiackRock Investment Management, Inc.on mkt sell29.37AUDORD-85713-Sep-18BiackRock Investment Management, LUC on mkt sell29.37AUDORD-3,05913-Sep-18BiackRock Investment Management (UK) immitedon mkt sell29.37AUDORD-1,13213-Sep-18BiackRock Institutional Trust Company, national Associationon mkt sell29.37AUDORD-1,46213-Sep-18BiackRock Kinstitutional Trust Company, national Associationon mkt sell29.37AUDORD-1,42213-Sep-18BiackRock Advisors (UK) Limitedon mkt sell29.37AUDORD-1,42213-Sep-18BiackRock Advisors (UK) Limit	12-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,231	-3,23
12-Sep-18         BiackRock Asset Management North Asia         collateral transfer         n/a         AUD         ORD         -1,452           13-Sep-18         BiackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -841           13-Sep-18         BiackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BiackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BiackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -1617           13-Sep-18         BiackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -911           13-Sep-18         BiackRock Insegment Canada         on mkt sell         29.37         AUD         ORD         -670           13-Sep-18         BiackRock Investment Management LLC         on mkt sell         29.37         AUD         ORD         -3059           13-Sep-18         BiackRock Institutional Trust Company, on mkt sell         29.37         AUD         ORD         -11,422           13-Sep-18         BiackRock Institutional Trust Company, on mkt sell </td <td>12-Sep-18</td> <td></td> <td>collateral transfer</td> <td>n/a</td> <td>AUD</td> <td>ORD</td> <td>4,702</td> <td>4,702</td>	12-Sep-18		collateral transfer	n/a	AUD	ORD	4,702	4,702
13-Sep-18         BlackRock Iriancial Management, Inc.         on mkt sell         29.37         AUD         ORD         -841           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -2,798           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -1,617           13-Sep-18         BlackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -911           13-Sep-18         BlackRock Asset Management, Inc.         on mkt sell         29.37         AUD         ORD         -951           13-Sep-18         BlackRock Investment Management, Inc.         on mkt sell         29.37         AUD         ORD         -857           13-Sep-18         BlackRock Investment Management, Inc.         on mkt sell         29.37         AUD         ORD         -3.059           13-Sep-18         BlackRock Investment Management, Inc.         on mkt sell         29.37         AUD         ORD         -11.342           13-Sep-18         BlackR	12-Sep-18	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-1,452	-1,452
National Association           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -1,467           13-Sep-18         BlackRock Advisors, LUC         on mkt sell         29.37         AUD         ORD         -7.734           13-Sep-18         BlackRock Advisors, LUC         on mkt sell         29.37         AUD         ORD         -7.734           13-Sep-18         BlackRock Advisors, LUC         on mkt sell         29.37         AUD         ORD         -911           13-Sep-18         BlackRock Advisors, LUC         on mkt sell         29.37         AUD         ORD         -857           13-Sep-18         BlackRock Investment Management, LUC         on mkt sell         29.37         AUD         ORD         -670           13-Sep-18         BlackRock Investment Management (UK)         on mkt sell         29.37         AUD         ORD         -946           13-Sep-18         BlackRock Institutional Trust Company, National Association         on mkt sell         29.37         AUD         ORD         -11,342           13-Sep-18         BlackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -1,482           13-Sep-18	13-Sep-18		on mkt sell	29.37	AUD	ORD	-841	-84
13-Sep-18       BlackRock Institutional Trust Company, on mkt sell       29.37       AUD       ORD       -1,467         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1,617         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -734         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -911         13-Sep-18       BlackRock Asset Management, Inc.       on mkt sell       29.37       AUD       ORD       -670         13-Sep-18       BlackRock Investment Management, LLC       on mkt sell       29.37       AUD       ORD       -670         13-Sep-18       BlackRock International Limited       on mkt sell       29.37       AUD       ORD       -3069         13-Sep-18       BlackRock Institutional Trust Company, Imited       on mkt sell       29.37       AUD       ORD       -11.342         13-Sep-18       BlackRock Institutional Trust Company, National Association       on mkt sell       29.37       AUD       ORD       -11.825         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1.825	13-Sep-18		on mkt sell	29.37	AUD	ORD	-2,798	-2,798
13-Sep-18         BlackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD         -1.617           13-Sep-18         BlackRock Advisors, LLC         on mkt sell         29.37         AUD         ORD         -734           13-Sep-18         BlackRock Advisors, LLC         on mkt sell         29.37         AUD         ORD         -911           13-Sep-18         BlackRock Financial Management Canada         on mkt sell         29.37         AUD         ORD         -670           13-Sep-18         BlackRock Investment Management, LLC         on mkt sell         29.37         AUD         ORD         -3059           13-Sep-18         BlackRock Investment Management (UK)         on mkt sell         29.37         AUD         ORD         -3059           13-Sep-18         BlackRock Institutional Trust Company, an mkt sell         29.37         AUD         ORD         -11.342           National Association         nom mkt sell         29.37         AUD         ORD         -11.825           13-Sep-18         BlackRock Financial Management, Inc.         on mkt sell         29.37         AUD         ORD         -1.825           13-Sep-18         BlackRock Advisors (UK) Limited         on mkt sell         29.37         AUD         ORD </td <td>13-Sep-18</td> <td>BlackRock Institutional Trust Company,</td> <td>on mkt sell</td> <td>29.37</td> <td>AUD</td> <td>ORD</td> <td>-1,467</td> <td>-1,467</td>	13-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	29.37	AUD	ORD	-1,467	-1,467
13-Sep-18       BlackRock Advisors, LLC       on mkt sell       29.37       AUD       ORD       -734         13-Sep-18       BlackRock Advisors, LLC       on mkt sell       29.37       AUD       ORD       -911         13-Sep-18       BlackRock Asset Management, Inc.       on mkt sell       29.37       AUD       ORD       -857         13-Sep-18       BlackRock Investment Management, LLC       on mkt sell       29.37       AUD       ORD       -670         13-Sep-18       BlackRock Investment Management, LLC       on mkt sell       29.37       AUD       ORD       -3059         13-Sep-18       BlackRock Institutional Trust Company, National Association       on mkt sell       29.37       AUD       ORD       -11.342         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1.825         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1.825         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.37       AUD       ORD       -1.425         13-Sep-18       BlackRock Institutional Trust Company, National Association       on mkt sell       29.37       AUD       ORD       -1.424	13-Sep-18		on mkt sell	29.37	AUD	ORD	-1.617	-1,61
13-Sep-18BlackRock Financial Management, Inc.on mkt sell29.37AUDORD-91113-Sep-18BlackRock Asset Management Canada Limitedon mkt sell29.37AUDORD-85713-Sep-18BlackRock Investment Management, LLCon mkt sell29.37AUDORD-67013-Sep-18BlackRock International Limited unitedon mkt sell29.37AUDORD-3.05913-Sep-18BlackRock International Limited unitedon mkt sell29.37AUDORD-3.05913-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-11.34213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1.82513-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-1.48213-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-1.2413-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-3.00713-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3.00813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3.00713-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD1.20813-Sep-18Black								-734
Limited13-Sep-18BlackRock Investment Management, LLC on mkt sell29.37AUDORD-67013-Sep-18BlackRock International Limitedon mkt sell29.37AUDORD-3,05913-Sep-18BlackRock Investment Management (UK) on mkt sell29.37AUDORD-94613-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-11,34213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,82513-Sep-18BlackRock K Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,48213-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, (Australia) Limitedon mkt sell29.37AUDORD-1,20813-Sep-18BlackRock Institutional Trust Company, (Australia) Limitedon mkt sell29.37AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,208 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-91</td>								-91
13-Sep-18BlackRock Investment Management, LLC on mkt sell29.37AUDORD-67013-Sep-18BlackRock International Limitedon mkt sell29.37AUDORD-3,05913-Sep-18BlackRock Investment Management (UK) on mkt sell29.37AUDORD-94613-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-11,34213-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-11,82513-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-1,82513-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-1,82513-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-1,48213-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-3,00713-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-3,50813-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-3,20913-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD-3,20813-Sep-18BlackRock Institutional Trust Company, on mkt sell29.37AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, on mkt buy29.40AUDOR	13-Sep-18	0	on mkt sell	29.37	AUD	ORD	-857	-85
13-Sep-18BlackRock Investment Management (UK) Limitedon mkt sell29.37AUDORD-94613-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-11,34213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,82513-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,48213-Sep-18BlackRock Advisors (UK) Limited on mkt sellon mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-3,00713-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3,50813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.40AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limi	13-Sep-18		on mkt sell	29.37	AUD	ORD	-670	-67
13-Sep-18BlackRock Investment Management (UK) umitedon mkt sell29.37AUDORD-94613-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-11,34213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,82513-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,48213-Sep-18BlackRock Advisors (UK) Limitedon mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limitedon mkt sell29.37AUDORD-3,00713-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3,00713-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.40AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited <br< td=""><td>13-Sen-18</td><td>BlackRock International Limited</td><td>on mkt sell</td><td>20.37</td><td></td><td>OPD</td><td>-3.059</td><td>-3,05</td></br<>	13-Sen-18	BlackRock International Limited	on mkt sell	20.37		OPD	-3.059	-3,05
13-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-11,34213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,82513-Sep-18BlackRock Financial Management, Inc. ORDon mkt sell29.37AUDORD-1,48213-Sep-18BlackRock Advisors (UK) Limited Insteinal Management, Inc.on mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limited Insteinal Management, Inc.on mkt sell29.37AUDORD-3,00713-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3,50813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.40AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Asset Management (UK) Limitedon mkt buy29.08AUDORD-4,09413-Sep-18BlackRock Asset Management North Asia Limitedon mkt buy29.08AUDORD-4,09413-Sep-18BlackRock		BlackRock Investment Management (UK)						-946
National Association13-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,82513-Sep-18BlackRock Financial Management, Inc.on mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Advisors (UK) Limited on mkt sell29.37AUDORD-4,07413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.39AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.40AUDORD1,29213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Asset Management North Asia Limitedon mkt buy29.57AUDORD48413-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited National As	13-Sep-18		on mkt sell	20.37		OPD	-11 3/2	-11,34
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13-Sep-18BlackRock Advisors (UK) Limited Inscriptionon mkt sell29.37AUDORD-3,00713-Sep-18BlackRock Institutional Management, Inc. National Associationon mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3,50813-Sep-18BlackRock Investment Management (Australia) Limitedon mkt buy (Australia) Limited29.39AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy on mkt buy29.40AUDORD1,29213-Sep-18BlackRock Investment Management (UK) Limitedon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Asset Management North Asia Limitedon mkt sell29.08AUDORD48413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt buy29.08AUDORD-1,63113-Sep-18 <t< td=""><td>13-Sep-18</td><td>BlackRock Financial Management, Inc.</td><td>on mkt sell</td><td>29.37</td><td>AUD</td><td>ORD</td><td>-1,482</td><td>-1,48</td></t<>	13-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	29.37	AUD	ORD	-1,482	-1,48
13-Sep-18BlackRock Financial Management, Inc.on mkt sell29.37AUDORD-1,21413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3,50813-Sep-18BlackRock Investment Management (Australia) Limitedon mkt buy29.39AUDORD1,20813-Sep-18BlackRock Investment Management (Australia) Limitedon mkt buy29.40AUDORD1,29213-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,39213-Sep-18BlackRock Investment Management (UK) Limitedon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Asset Management North Asia Limitedon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt buy29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited National Associationon mkt buy29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited National Association </td <td>13-Sep-18</td> <td>BlackRock Advisors (UK) Limited</td> <td>on mkt sell</td> <td>29.37</td> <td>AUD</td> <td>ORD</td> <td>-4,074</td> <td>-4,07</td>	13-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	29.37	AUD	ORD	-4,074	-4,07
13-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.37AUDORD-3,50813-Sep-18BlackRock Investment Management (Australia) Limitedon mkt buy29.39AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.40AUDORD1,20813-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Investment Management (UK) Limitedon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Asset Management North Asia Limitedon mkt sell29.08AUDORD48413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited Iainedon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited Iainedon mkt buy29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited Iainedon mkt buy29.08AUDORD-28013-Sep-18BlackRock Advisors (UK) Limited Iainedon mkt buy29.08AUDORD-28013-Sep-18BlackRock Advisors (UK) Limited Iainedon mkt buy29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited Iainedon mkt buy29.08AUDORD2								-3,00 -1,21
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(Australia) Limited13-Sep-18BlackRock Institutional Trust Company, National Associationon mkt buy29.40AUDORD1,29213-Sep-18BlackRock Investment Management (UK) Limitedon mkt buy29.57AUDORD1,33813-Sep-18BlackRock Asset Management North Asia Limitedon mkt buy29.57AUDORD48413-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limited 13-Sep-18on mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited 13-Sep-18on mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited 13-Sep-18on mkt buy29.08AUDORD28013-Sep-18BlackRock Advisors (UK) Limited 13-Sep-18on mkt buy29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limited 13-Sep-18on mkt buy29.08AUDORD28013-Sep-18BlackRock Advisors (UK) Limited 13-Sep-18on mkt buy29.08AUDORD280		National Association						
National Association       29.57       AUD       ORD       1,338         13-Sep-18       BlackRock Investment Management (UK) on mkt buy Limited       29.57       AUD       ORD       1,338         13-Sep-18       BlackRock Asset Management North Asia on mkt buy Limited       29.57       AUD       ORD       484         13-Sep-18       BlackRock Institutional Trust Company, National Association       on mkt sell       29.08       AUD       ORD       -4,094         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.08       AUD       ORD       -1,631         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       -1,631         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280	· · · · · · · · · · · · · · · · · · ·	(Australia) Limited	-					1,20
Limited       29.57       AUD       ORD       484         13-Sep-18       BlackRock Asset Management North Asia on mkt buy Limited       29.57       AUD       ORD       484         13-Sep-18       BlackRock Institutional Trust Company, National Association       on mkt sell       29.08       AUD       ORD       -4,094         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt sell       29.08       AUD       ORD       -1,631         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       280         13-Sep-18       BlackRock Advisors (UK) Limited       on mkt buy       29.08       AUD       ORD       700	•	National Association	-					1,29
Limited13-Sep-18BlackRock Institutional Trust Company, National Associationon mkt sell29.08AUDORD-4,09413-Sep-18BlackRock Advisors (UK) Limitedon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limitedon mkt buy29.08AUDORD28013-Sep-18BlackRock Advisors (UK) Limitedon mkt buy29.08AUDORD28013-Sep-18BlackRock Advisors (UK) Limitedon mkt buy29.08AUDORD700	•	Limited	-					1,33
National Association13-Sep-18BlackRock Advisors (UK) Limitedon mkt sell29.08AUDORD-1,63113-Sep-18BlackRock Advisors (UK) Limitedon mkt buy29.08AUDORD28013-Sep-18BlackRock Advisors (UK) Limitedon mkt buy29.08AUDORD700	· .	Limited	•					484
13-Sep-18         BlackRock Advisors (UK) Limited         on mkt buy         29.08         AUD         ORD         280           13-Sep-18         BlackRock Advisors (UK) Limited         on mkt buy         29.08         AUD         ORD         700	-	National Association	on mkt sell					-4,09
13-Sep-18         BlackRock Advisors (UK) Limited         on mkt buy         29.08         AUD         ORD         700	13-Sep-18		on mkt sell				-1,631	-1,63
								280
								700
13-Sep-18BlackRock Fund Advisorsin specien/aAUDORD-9,60013-Sep-18BlackRock Fund Advisorsin specien/aAUDORD4,960								-9,600 4,960

ate of Change	Person whose relevant interest changed	Consideration giver change		CCY	Class and r securities		Person's votes affected
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,737	-7,73
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-483	-48
13-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	119,175	119,17
13-Sep-18 13-Sep-18	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	721,268 914	721,26 91
•	BlackRock Investment Management (UK)	collateral transfer		AUD	ORD		-2,54
13-Sep-18	Limited		n/a			-2,542	
13-Sep-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,627	1,62
14-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.96	AUD	ORD	883	88
14-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.96	AUD	ORD	726	72
14-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.96	AUD	ORD	679	67
14-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.91	AUD	ORD	61	6
14-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.92	AUD	ORD	-96,428	-96,42
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.91	AUD	ORD	1,485	1,48
14-Sep-18 14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.91	AUD	ORD	384	38
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.91	AUD	ORD	768	76
14-Sep-18	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	3,309	3,30
14-Sep-18	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	5,834	5,83
14-Sep-18	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	392	39
14-Sep-18 14-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	69,179	69,17
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	47,098	47,09
14-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	45,854	45,85
14-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	22	2
14-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,715	3,71
14-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,025	-7,02
14-Sep-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,287	3,28
17-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.11	AUD	ORD	793	79
17-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.11	AUD	ORD	174	17
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.13	AUD	ORD	1,182	1,18
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	29.13	AUD	ORD	990	99
17-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	29.13	AUD	ORD	665	66
17-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	28.91	AUD	ORD	1,668	1,66
17-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-27,217	-27,21
17-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3	-
17-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,119	-1,11
17-Sep-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	3,610	3,61
17-Sep-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-2,488	-2,48
18-Sep-18	Limited BlackRock Financial Management, Inc.	on mkt sell	28.67	AUD	ORD	-523	-52
18-Sep-18	BlackRock Advisors, LLC	on mkt sell	28.67	AUD	ORD	-2,704	-2,70
18-Sep-18	BlackRock Advisors, LLC	on mkt sell	28.67	AUD	ORD	-884	-2,70
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.67	AUD	ORD	-269	-26
18-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.80	AUD	ORD	-7,456	-7,45
18-Sep-18	BlackRock International Limited	on mkt sell	28.67	AUD	ORD	-442	-44
18-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.67	AUD	ORD	-1,161	-1,16
18-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.67	AUD	ORD	-2,559	-2,55
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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 r securities	Person's votes affected	
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.69	AUD	ORD	201	20
18-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.67	AUD	ORD	1,674	1,67
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-4,122	-4,12
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.69	AUD	ORD	377	37
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.69	AUD	ORD	2,589	2,58
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.69	AUD	ORD	754	75
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.69	AUD	ORD	504	50
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.69	AUD	ORD	1,512	1,51
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.69	AUD	ORD	537	53
18-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,503	-18,50
18-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	150,591	150,59
18-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3	
18-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,993	1,99
18-Sep-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,649	-1,64
18-Sep-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-341	-34
	Limited BlackRock Financial Management, Inc.	on mkt sell	28.69	AUD	ORD	-821	-82
19-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	28.69	AUD	ORD	-2,643	-2,64
	National Association					0.070	
19-Sep-18 19-Sep-18	BlackRock International Limited BlackRock Investment Management, LLC	on mkt sell on mkt sell	28.69 28.69	AUD AUD	ORD ORD	-2,379 -2,304	-2,3 -2,3
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19-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.69	AUD	ORD	-1,439	-1,4
19-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.69	AUD	ORD	-939	-9
19-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.69	AUD	ORD	-4,745	-4,7
19-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.69	AUD	ORD	-6,549	-6,5
19-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.69	AUD	ORD	-3,425	-3,4
19-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.69	AUD	ORD	-3,770	-3,7
19-Sep-18	BlackRock Advisors, LLC	on mkt sell	28.69	AUD	ORD	-1,026	-1,0
19-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.69	AUD	ORD	-1,007	-1,0
· · · · · · · · · · · · · · · · · · ·	BlackRock Asset Management Canada Limited	on mkt sell	28.69	AUD	ORD	-840	-8-
•	BlackRock Investment Management, LLC		28.69	AUD	ORD	-600	-6
	BlackRock Investment Management (UK) Limited	on mkt sell	28.69	AUD	ORD	-1,039	-1,0
	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-570	-5
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-13,024	-13,0
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-242	-2
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-1,858	-1,8
19-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.69	AUD	ORD	-1,959	-1,9
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.69	AUD	ORD	-2,618	-2,6
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.69	AUD	ORD	-2,071	-2,0
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.69	AUD	ORD	-6,941	-6,9
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-817	-8
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.69	AUD	ORD	-2,145	-2,1
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.70	AUD	ORD	593	5
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.69	AUD	ORD	1,692	1,6
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.70	AUD	ORD	1,056	1,0
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.69	AUD	ORD	2,871	2,8
19-Sep-18	BlackRock Investment Management	on mkt buy	28.71	AUD	ORD	4,624	4,6
	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	28.70	AUD	ORD	1,575	1,5
19-Sep-18	National Association	\$					

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and number of securities affected		Person's votes affected
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.76	AUD	ORD	1,137	1,13
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.76	AUD	ORD	1,488	1,488
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.76	AUD	ORD	-5,720	-5,720
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.76	AUD	ORD	-9,391	-9,391
19-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,737	-7,73
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.76	AUD	ORD	-23,463	-23,463
19-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-64,595	-64,595
19-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,655	-1,65
19-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8	-8
19-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,073	-1,073
19-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,458	1,458
19-Sep-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-376	-376
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.43	AUD	ORD	5,085	5,085
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.39	AUD	ORD	-17,099	-17,099
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.37	AUD	ORD	1,516	1,516
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.37	AUD	ORD	1,491	1,491
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.37	AUD	ORD	538	538
20-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.37	AUD	ORD	-5,370	-5,370
20-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,352	-18,352
20-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,010	1,010
20-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
20-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,023	-1,023
20-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,050	1,050
20-Sep-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-29	-29
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.22	AUD	ORD	-1,002	-1,002
21-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.25	AUD	ORD	-1,395	-1,395
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.25	AUD	ORD	-4,030	-4,030
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.22	AUD	ORD	-2,136	-2,136
21-Sep-18	BlackRock Advisors, LLC	on mkt sell	28.22	AUD	ORD	-1,395	-1,395
21-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.22	AUD	ORD	-1,121	-1,121
21-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	28.22	AUD	ORD	-1,000	-1,000
21-Sep-18	BlackRock Investment Management, LLC	on mkt sell	28.22	AUD	ORD	-804	-804
21-Sep-18	BlackRock International Limited	on mkt sell	28.25	AUD	ORD	-3,931	-3,931
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.22	AUD	ORD	-1,301	-1,301
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.22	AUD	ORD	-2,549	-2,549
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.22	AUD	ORD	-20,811	-20,81
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.22	AUD	ORD	-2,501	-2,507
21-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.22	AUD	ORD	-1,761	-1,761
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.22	AUD	ORD	-4,743	-4,743
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.22	AUD	ORD	-3,248	-3,248
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.28	AUD	ORD	-10,232	-10,232
21-Sep-18	BlackRock Investment Management, LLC	on mkt buy	28.28	AUD	ORD	2,364	2,364
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.28	AUD	ORD	1,560	1,560
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.28	AUD	ORD	12,276	12,276
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	1,508	1,508

te of Change	Person whose relevant interest changed	Nature of ch Consideration give change	en in relation to	ССҮ	Class and r securities		Person's votes affected
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	11,865	11,86
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.28	AUD	ORD	-6,973	-6,97
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	4,742	4,74
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	604	60
21-Sep-18	BlackRock Fund Advisors	on mkt buy	28.28	AUD	ORD	171	17
21-Sep-18	BlackRock Fund Advisors	on mkt buy	28.28	AUD	ORD	7,283	7,28
21-Sep-18	BlackRock Fund Advisors	on mkt buy	28.28	AUD	ORD	926	9
21-Sep-18	BlackRock Fund Advisors	on mkt buy	28.28	AUD	ORD	1,340	1,3
21-Sep-18	BlackRock Fund Advisors	on mkt sell	28.28	AUD	ORD	-1,236	-1,2
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.28	AUD	ORD	-2,303	-2,3
· · ·	BlackRock Investment Management (Australia) Limited	on mkt sell	28.28	AUD	ORD	-3,736	-3,7
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	2,610	2,6
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	332	3
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.28	AUD	ORD	-21,964	-21,9
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	2,579	2,5
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.28	AUD	ORD	328	3
21-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,653	-3,6
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,800	-20,8
21-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	15,084	15,0
21-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	59,053	59,0
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	164,281	164,
21-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	
21-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-373	-0
21-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-644	-(
	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	143	
24-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.19	AUD	ORD	971	ę
24-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.18	AUD	ORD	5,354	5,3
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.13	AUD	ORD	-2,546	-2,5
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.13	AUD	ORD	497	4
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.13	AUD	ORD	980	1
24-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.13	AUD	ORD	-3,286	-3,
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,737	-7,
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	
24-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	209,681	209,
24-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	
24-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-321	-
24-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-602	-1
24-Sep-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	922	ę
24-Sep-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-48,076	-48,0
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.22	AUD	ORD	397	3
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-827	-8
25-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.21	AUD	ORD	-1,298	-1,2
25-Sep-18	BlackRock Investment Management, LLC	on mkt sell	28.20	AUD	ORD	-2,215	-2,2
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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.21	AUD	ORD	-3,869	-3,86
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-554	-55
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.20	AUD	ORD	-2,179	-2,17
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.22	AUD	ORD	756	75
25-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.22	AUD	ORD	2,481	2,48
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.20	AUD	ORD	-794	-79
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.21	AUD	ORD	-4,257	-4,25
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.20	AUD	ORD	-4,466	-4,46
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.20	AUD	ORD	-2,453	-2,45
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	28.20	AUD	ORD	-2,702	-2,70
25-Sep-18	BlackRock Advisors, LLC	on mkt sell	28.20	AUD	ORD	-1,513	-1,51
25-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.20	AUD	ORD	-894	-89
25-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	28.20	AUD	ORD	-888	-88
25-Sep-18	BlackRock Investment Management, LLC	on mkt sell	28.20	AUD	ORD	-680	-68
25-Sep-18	BlackRock International Limited	on mkt sell	28.21	AUD	ORD	-4,293	-4,29
25-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.20	AUD	ORD	-1,120	-1,12
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-633	-63
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-16,993	-16,99
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-2,265	-2,26
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.22	AUD	ORD	3,979	3,97
25-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.20	AUD	ORD	-1,228	-1,22
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.20	AUD	ORD	-3,862	-3,86
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.20	AUD	ORD	-2,951	-2,95
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.20	AUD	ORD	-5,440	-5,44
25-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	28.22	AUD	ORD	1,892	1,89
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-626	-62
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.20	AUD	ORD	-1,659	-1,65
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	266	26
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	532	53
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	78
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,48
25-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	3,968	3,96
25-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-461,465	-461,46
25-Sep-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-173	-17
25-Sep-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-33,859	-33,85
25-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-46,206	-46,20
25-Sep-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-14,368	-14,36
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.64	AUD	ORD	1,654	1,65
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.64	AUD	ORD	1,948	1,94
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.64	AUD	ORD	306	30
26-Sep-18	BlackRock Investment Management	on mkt buy	28.64	AUD	ORD	14,532	14,53
26-Sep-18	(Australia) Limited BlackRock Investment Management	on mkt buy	28.64	AUD	ORD	3,197	3,19
26-Sep-18	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	28.64	AUD	ORD	-1,126	-1,12
26-Sep-18	National Association BlackRock Investment Management (Australia) Limited	on mkt buy	28.71	AUD	ORD	5,075	5,07
00.0 40	BlackRock Advisors (UK) Limited	on mkt buy	28.71	AUD	ORD	1,284	1,28
		on mix buy	20.71	700	UND	1,204	1,20
26-Sep-18 26-Sep-18	BlackRock Advisors (LIK) Limited	on mkt buv	28.60		UBD	6 420	6 10
26-Sep-18 26-Sep-18 26-Sep-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	28.60 28.71	AUD AUD	ORD ORD	6,420 1,260	6,42 1,26

Date of Change	Person whose relevant interest changed	Nature of char Consideration giver change (	in relation to	ССҮ	Class and securities		Person's votes affected
26-Sep-18	BlackRock Investment Management, LLC	on mkt buy	28.71	AUD	ORD	2,173	2,173
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,772	1,77
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,600	-1,60
26-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-15,285	-15,28
26-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	78,339	78,339
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.58	AUD	ORD	-3,816	-3,816
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.58	AUD	ORD	784	784
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.58	AUD	ORD	-3,431	-3,43
27-Sep-18	BlackRock Fund Advisors	on mkt buy	28.58	AUD	ORD	15,570	15,57
27-Sep-18	BlackRock Fund Advisors	on mkt buy	28.58	AUD	ORD	3,440	3,44
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.58	AUD	ORD	4,558	4,55
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.58	AUD	ORD	2,067	2,06
27-Sep-18	BlackRock Fund Advisors	on mkt sell	28.58	AUD	ORD	-5,078	-5,07
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.58	AUD	ORD	-7,485	-7,48
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.58	AUD	ORD	-9,514	-9,51
27-Sep-18	BlackRock Fund Advisors	on mkt buy	28.58	AUD	ORD	3,122	3,12
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,359	1,35
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,685	-2,68
27-Sep-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-65,507	-65,50
27-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,607	5,60
27-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	434,783	434,78
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,990	-2,99
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,990	2,99
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.57	AUD	ORD	-1,549	-1,54
28-Sep-18	BlackRock International Limited	on mkt sell	28.57	AUD	ORD	-2,567	-2,56
28-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.84	AUD	ORD	1,434	1,43
28-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.48	AUD	ORD	15,751	15,75
28-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	28.48	AUD	ORD	-17,077	-17,07
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.57	AUD	ORD	-897	-89
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.57	AUD	ORD	-514	-51
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.57	AUD	ORD	-1,626	-1,62
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	28.57	AUD	ORD	-1,256	-1,25
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.57	AUD	ORD	-2,174	-2,17
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	28.44	AUD	ORD	280	28
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.44	AUD	ORD	-3,468	-3,46
28-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	28.44	AUD	ORD	-1,103	-1,10
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.44	AUD	ORD	-9,404	-9,40
28-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	28.44	AUD	ORD	-13,276	-13,27
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.44	AUD	ORD	-3,059	-3,05
28-Sep-18	BlackRock Fund Advisors	on mkt buy	28.44	AUD	ORD	1,377	1,37
28-Sep-18	BlackRock Fund Advisors	on mkt sell	28.44	AUD	ORD	-4,357	-4,35
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.44	AUD	ORD	2,061	2,06
28-Sep-18	BlackRock Fund Advisors	on mkt buy	28.44	AUD	ORD	475	47
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,391	16,39
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,645	6,64
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,045	-8,04
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,48
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,308	-4,30
		in specie	n/a	AUD	ORD	-58,909	-58,90
28-Sep-18	BlackRock Institutional Trust Company, National Association					,	/
28-Sep-18 28-Sep-18	BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-138,997	-138,99

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
28-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-430,831	-430,83
01-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.33	AUD	ORD	181	18
01-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.33	AUD	ORD	1,426	1,42
01-Oct-18	BlackRock Fund Advisors	on mkt buy	28.40	AUD	ORD	1,974	1,97
01-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	728,989	728,98
01-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-163,650	-163,65
01-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,930	-2,93
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-3,295	-3,29
02-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.84	AUD	ORD	-4,179	-4,17
02-Oct-18	BlackRock Investment Management, LLC	on mkt sell	27.80	AUD	ORD	-5,381	-5,38
02-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.80	AUD	ORD	-1,094	-1,09
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.84	AUD	ORD	-14,001	-14,00
02-Oct-18	BlackRock Institutional Trust Company,	on mkt sell	27.80	AUD	ORD	-1,186	-1,18
02-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.80	AUD	ORD	-3,930	-3,93
02-Oct-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-362	-36
02 Oct 19		on mitt coll	27.90		ORD	9 590	0 50
02-Oct-18 02-Oct-18	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	27.80 27.80	AUD AUD	ORD	-8,589 -974	-8,58 -97
02-Oct-18 02-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	27.80	AUD	ORD	-974 -11,567	-97
02-Oct-18 02-Oct-18	BlackRock Japan Co., Ltd.		27.82	AUD	ORD	-11,567 -7,546	-11,56 -7,54
02-Oct-18 02-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	27.80	AUD	ORD	-2,338	-7,54
02-Oct-18 02-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell on mkt sell	27.80	AUD	ORD	-2,338	-2,33
02-Oct-18 02-Oct-18	BlackRock Advisors, LLC	on mkt sell	27.80	AUD	ORD	-3,040	-11,78
02-Oct-18	BlackRock Advisors, LLC	on mkt sell	27.80	AUD	ORD	-9,036	-9,03
02-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.80	AUD	ORD	-1,760	-1,76
02-Oct-18	BlackRock Asset Management Canada	on mkt sell	27.80	AUD	ORD	-3,929	-3,92
02-Oct-18	Limited BlackRock Financial Management, Inc.	on mkt sell	27.80	AUD	ORD	-4,233	-4,23
02-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.80	AUD	ORD	-1,408	-1,40
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02-Oct-18	BlackRock Investment Management, LLC		27.80	AUD	ORD	-1,939	-1,93
02-Oct-18	BlackRock International Limited	on mkt sell	27.84	AUD	ORD	-15,941	-15,94
02-Oct-18	BlackRock Investment Management (UK) Limited		27.80	AUD	ORD	-1,820	-1,820
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-5,058	-5,05
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-40,396	-40,39
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-3,834	-3,83
02-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.80	AUD	ORD	-11,571	-11,57
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-13,289	-13,28
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-7,221	-7,22
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-3,687	-3,68
02-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.80	AUD	ORD	-3,227	-3,22
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.80	AUD	ORD	-14,131	-14,13
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.80	AUD	ORD	-11,095	-11,09
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.80	AUD	ORD	-7,363	-7,36
02-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.80	AUD	ORD	-3,099	-3,09
02-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	27.80	AUD	ORD	-2,885	-2,88
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-740	-74
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-27,325	-27,32

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
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.80	AUD	ORD	-11,137	-11,13
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.62	AUD	ORD	560	56
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.62	AUD	ORD	1,365	1,36
02-Oct-18	BlackRock (Netherlands) B.V.	on mkt buy	27.62	AUD	ORD	205	20
02-Oct-18	BlackRock Fund Advisors	on mkt buy	27.62	AUD	ORD	3,440	3,44
02-Oct-18	BlackRock Advisors, LLC	on mkt buy	27.62	AUD	ORD	5,428	5,42
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.62	AUD	ORD	8,126	8,12
02-Oct-18	BlackRock Fund Advisors	on mkt buy	27.62	AUD	ORD	2,908	2,90
02-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.56	AUD	ORD	2,798	2,79
02-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,48
02-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-12,746	-12,74
02-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	612,644	612,64
02-Oct-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,022	-1,02
03-Oct-18	Limited BlackRock Institutional Trust Company,	on mkt buy	27.85	AUD	ORD	175	17
03-Oct-18	National Association BlackRock Investment Management	on mkt buy	27.96	AUD	ORD	1,887	1,88
	(Australia) Limited	•					
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.96	AUD	ORD	3,721	3,72
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.96	AUD	ORD	9,867	9,86
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.96	AUD	ORD	1,328	1,32
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.96	AUD	ORD	304	30
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-10,207	-10,20
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-2,533	-2,53
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.95	AUD	ORD	-2,555	-2,55
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.98	AUD	ORD	2,361	2,36
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.98	AUD	ORD	69,063	69,06
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.98	AUD	ORD	4,417	4,41
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.88	AUD	ORD	2,218	2,21
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.88	AUD	ORD	64,909	64,90
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.88	AUD	ORD	4,153	4,15
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.01	AUD	ORD	6,011	6,01
03-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.01	AUD	ORD	4,668	4,66
03-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.01	AUD	ORD	700	70
03-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,824	-7,82
03-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-574,640	-574,64
04-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.12	AUD	ORD	164	16
04-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.12	AUD	ORD	1,811	1,81
04-Oct-18	BlackRock Asset Management North Asia Limited	on mkt buy	28.13	AUD	ORD	3,127	3,12
04-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	28.02	AUD	ORD	18,373	18,37
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.03	AUD	ORD	420	42
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	28.03	AUD	ORD	-576	-57
04-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.03	AUD	ORD	13,591	13,59
04-Oct-18	BlackRock Fund Advisors	on mkt buy	28.03	AUD	ORD	2,431	2,43
04-Oct-18 04-Oct-18	BlackRock Institutional Trust Company,	in specie	28.03 n/a	AUD	ORD	5,965	2,43 5,96
04 0 -+ 40	National Association	collatoral transfer			000	704 000	704.00
04-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-724,608	-724,60
04-Oct-18 04-Oct-18	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	collateral transfer in specie	n/a n/a	AUD AUD	ORD ORD	721,076 -41,424	721,07 -41,42
05-Oct-18	National Association BlackRock Advisors, LLC	on mkt buy	27.96	AUD	ORD	3,005	3,00

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05-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.96	AUD	ORD	1,126	1,12
05-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.96	AUD	ORD	9,834	9,83
05-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.96	AUD	ORD	1,992	1,99
05-Oct-18	BlackRock Asset Management Canada Limited	on mkt buy	27.96	AUD	ORD	2,401	2,40
05-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.96	AUD	ORD	2,570	2,57
05-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.99	AUD	ORD	-61,246	-61,24
05-Oct-18	BlackRock Asset Management North Asia Limited	on mkt buy	28.05	AUD	ORD	1,444	1,44
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.02	AUD	ORD	961	96
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.02	AUD	ORD	28,209	28,20
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.02	AUD	ORD	1,830	1,83
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.00	AUD	ORD	3,537	3,53
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.00	AUD	ORD	103,773	103,77
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	28.00	AUD	ORD	6,735	6,73
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.95	AUD	ORD	440	44
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.95	AUD	ORD	4,350	4,35
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.95	AUD	ORD	4,473	4,47
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.95	AUD	ORD	-2,542	-2,54
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,518	11,5
05-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-47,172	-47,17
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.49	AUD	ORD	178	17
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.49	AUD	ORD	996	99
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.49	AUD	ORD	541	54
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	10
08-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-161,486	-161,4
08-Oct-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	94,392	94,39
08-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	562,389	562,38
08-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-27,521	-27,52
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	58,909	58,90
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	4,308	4,30
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.21	AUD	ORD	-1,428	-1,42
09-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	27.22	AUD	ORD	-1,503	-1,50
09-Oct-18	BlackRock International Limited	on mkt sell	27.21	AUD	ORD	-1,730	-1,7
09-Oct-18	BlackRock Investment Management, LLC	on mkt sell	27.20	AUD	ORD	-782	-78
09-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-1,485	-1,4
09-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	27.20	AUD	ORD	-663	-6
09-Oct-18	BlackRock Institutional Trust Company,	on mkt sell	27.20	AUD	ORD	-4,580	-4,5
09-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.20	AUD	ORD	-778	-7
	National Association						
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.22	AUD	ORD	515	5
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.22	AUD	ORD	2,613	2,6
09-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.24	AUD	ORD	-5,085	-5,08
09-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.24	AUD	ORD	-1,700	-1,70
09-Oct-18	BlackRock Asset Management North Asia Limited	on mkt buy	27.27	AUD	ORD	3,204	3,20
09-Oct-18	BlackRock Investment Management (UK)	on mkt buy	27.27	AUD	ORD	1,285	1,28
09-001-10	Limited						

te of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and securities		Person's votes affected
09-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	27.27	AUD	ORD	968	9
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.22	AUD	ORD	377	3
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.22	AUD	ORD	1,508	1,5
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.22	AUD	ORD	498	4
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.22	AUD	ORD	996	9
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,721	10,7
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,440	7,4
09-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,713	3,7
09-Oct-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-94,392	-94,3
09-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-562,389	-562,3
09-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-33,051	-33,0
	BlackRock Institutional Trust Company, National Association	on mkt sell	27.81	AUD	ORD	-6,699	-6,6
10-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.81	AUD	ORD	-1,393	-1,3
10-Oct-18	BlackRock Institutional Trust Company,	on mkt sell	27.81	AUD	ORD	-1,387	-1,3
	National Association	an militarius	27.02		000	200	
10-Oct-18 10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.93	AUD AUD	ORD ORD	280 498	2
10-Oct-18 10-Oct-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt sell	27.93 27.93	AUD	ORD	-2.990	-2,9
10-Oct-18	BlackRock Advisors (UK) Limited BlackRock Investment Management		27.93	AUD	ORD	1	,
	(Australia) Limited	on mkt sell	27.93			-4,552	-4,
10-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,625	-1,
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,556	-4,
10-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-693,546	-693,
11-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.40	AUD	ORD	-6,716	-6,
11-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.59	AUD	ORD	-3,929	-3,
	BlackRock Investment Management (UK) Limited	on mkt buy	27.42	AUD	ORD	939	
11-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	27.42	AUD	ORD	751	
11-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	27.42	AUD	ORD	705	
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.31	AUD	ORD	-3,729	-3,
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	840	
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	280	
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.31	AUD	ORD	-1,008	-1,
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,100	15,
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,263	-11,
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,827	-4,
12-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.69	AUD	ORD	-1,138	-1,
12-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.69	AUD	ORD	-118,105	-118,
12-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.69	AUD	ORD	-2,983	-2,
12-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.69	AUD	ORD	-3,335	-3,
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	27.69	AUD	ORD	-629	-
12-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	27.69	AUD	ORD	-878	-
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.77	AUD	ORD	-1,242	-1,
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.77	AUD	ORD	-4,968	-4,
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.77	AUD	ORD	-497	-4,
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.77	AUD	ORD	-994	-
12-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.77	AUD	ORD	28,488	28,
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	27.77	AUD	ORD	-24,214	-24,
	BlackRock Advisors, LLC BlackRock Advisors, LLC	on mkt sell	27.77	AUD	ORD	-24,214 -726	-24,
12-Oct-18 12-Oct-18	BlackRock Investment Management (UK)	in specie		AUD	ORD	-726 -1,783	- -1,
12-Oct-18	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	1,783	1,
	Limited	1	,		0.55		
12-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	-4,623 25,064	-4, 25,
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	25,004	20,

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
12-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-69,300	-69,30
15-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.91	AUD	ORD	5,054	5,05
15-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	27.91	AUD	ORD	-383	-38
15-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	266	26
15-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	798	79
16-Oct-18	BlackRock Fund Advisors	on mkt buy	28.29	AUD	ORD	620	62
16-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	28.75	AUD	ORD	3,722	3,72
16-Oct-18	BlackRock Advisors, LLC	on mkt buy	28.75	AUD	ORD	7,273	7,27
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.75	AUD	ORD	307	30
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.75	AUD	ORD	1,351	1,35
16-Oct-18	BlackRock Advisors, LLC	on mkt buy	28.75	AUD	ORD	3,807	3,80
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.75	AUD	ORD	1,285	1,28
16-Oct-18	BlackRock International Limited	on mkt buy	28.75	AUD	ORD	3,162	3,16
16-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	28.75	AUD	ORD	10,580	10,58
16-Oct-18	BlackRock Investment Management, LLC	on mkt buy	28.75	AUD	ORD	7,208	7,20
16-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	28.75	AUD	ORD	1,237	1,23
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.75	AUD	ORD	895	89
16-Oct-18	BlackRock International Limited	on mkt sell	28.84	AUD	ORD	-1,993	-1,99
16-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.85	AUD	ORD	-1,603	-1,60
16-Oct-18	BlackRock Investment Management, LLC	on mkt sell	28.86	AUD	ORD	-917	-91
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-1,379	-1,37
16-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.74	AUD	ORD	-5,929	-5,92
16-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.86	AUD	ORD	-3,179	-3,17
16-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.86	AUD	ORD	-1,316	-1,31
16-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.86	AUD	ORD	-1,791	-1,79
16-Oct-18	BlackRock Advisors, LLC	on mkt sell	28.86	AUD	ORD	-994	-99
16-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	28.86	AUD	ORD	-733	-73
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-3,635	-3,63
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-4,348	-4,34
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-1,335	-1,33
16-Oct-18	BlackRock Advisors, LLC	on mkt sell	28.86	AUD	ORD	-598	-59
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	28.86	AUD	ORD	-2,544	-2,54
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	28.86	AUD	ORD	-1,818	-1,81
16-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	28.86	AUD	ORD	-563	-56
16-Oct-18	BlackRock Investment Management, LLC	on mkt sell	28.86	AUD	ORD	-1,280	-1,28
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-2,555	-2,55
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-17,139	-17,13
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.86	AUD	ORD	-270	-27
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	29.04	AUD	ORD	1,243	1,24
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	29.04	AUD	ORD	-1,445	-1,44
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	29.04	AUD	ORD	15,935	15,93
16-Oct-18	BlackRock Fund Advisors	on mkt buy	29.04	AUD	ORD	1,823	1,82
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	29.04	AUD	ORD	-1,243	-1,24
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	29.04	AUD	ORD	-4,641	-4,64
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	29.04	AUD	ORD	560	56
16-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	29.04	AUD	ORD	-1,876	-1,87
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,590	13,59
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,288	1,28
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	920	92
16-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	36,981	36,98
16-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-100,000	-100,00

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / given in relation to ange (7)	CCY	Class and r securities		Person's votes affected
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.47	AUD	ORD	-4,166	-4,166
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.55	AUD	ORD	-10,190	-10,190
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.55	AUD	ORD	-3,243	-3,243
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.58	AUD	ORD	-11,235	-11,235
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.58	AUD	ORD	-3,328	-3,328
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.58	AUD	ORD	-3,310	-3,310
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.57	AUD	ORD	-22,193	-22,193
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.57	AUD	ORD	-8,437	-8,437
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.57	AUD	ORD	-65,099	-65,099
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.57	AUD	ORD	-13,075	-13,075
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.57	AUD	ORD	-26,548	-26,548
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	29.58	AUD	ORD	27,271	27,271
17-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	200
17-Oct-18 18-Oct-18	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt sell	n/a 29.44	AUD AUD	ORD ORD	2,392	2,392
	(Australia) Limited					,	
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-2,540	-2,540
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-677	-677
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-1,367	-1,367
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	29.43	AUD	ORD	-829	-829
18-Oct-18 18-Oct-18	BlackRock Advisors, LLC BlackRock Advisors, LLC	on mkt sell on mkt sell	29.43 29.43	AUD AUD	ORD ORD	-2,991 -786	-2,991 -786
18-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	29.43	AUD	ORD	-513	-780
18-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	29.43	AUD	ORD	-3,544	-3,544
18-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	29.43	AUD	ORD	-1,241	-1,241
18-Oct-18	BlackRock Investment Management, LLC	on mkt sell	29.43	AUD	ORD	-569	-569
18-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	29.43	AUD	ORD	-621	-621
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-1,392	-1,392
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-8,262	-8,262
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-1,365	-1,365
18-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	29.43	AUD	ORD	-2,268	-2,268
18-Oct-18	BlackRock Advisors, LLC	on mkt sell	29.43	AUD	ORD	-845	-845
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-8,520	-8,520
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-2,322	-2,322
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.43	AUD	ORD	-3,192	-3,192
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	29.43	AUD	ORD	-1,624	-1,624
18-Oct-18 18-Oct-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt sell on mkt sell	29.43 29.43	AUD AUD	ORD ORD	-1,229 -932	-1,229 -932
18-Oct-18	BlackRock Asset Management Canada	on mkt sell	29.43	AUD	ORD	-1,717	-1,717
18-Oct-18	Limited BlackRock Institutional Trust Company,	on mkt sell	29.43	AUD	ORD	-8,119	-8,119
18-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.43	AUD	ORD	-19,605	-19,605
18-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	29.43	AUD	ORD	-19,605	-19,605
	National Association						
18-Oct-18	BlackRock International Limited	on mkt sell	29.45	AUD	ORD	-2,767	-2,767

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	29.49	AUD	ORD	498	49
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	29.49	AUD	ORD	560	56
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	29.49	AUD	ORD	-14,859	-14,85
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	736	73
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,625	1,628
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	4,556	4,556
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,016	-2,016
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.45	AUD	ORD	-2,423	-2,423
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	29.45	AUD	ORD	-3,442	-3,442
19-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	29.49	AUD	ORD	-112,254	-112,254
19-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	29.48	AUD	ORD	-49,678	-49,678
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	29.50	AUD	ORD	158	158
19-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	828	828
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.75	AUD	ORD	-3,794	-3,794
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.75	AUD	ORD	-4,611	-4,611
22-Oct-18	BlackRock Investment Management, LLC	on mkt buy	29.25	AUD	ORD	958	958
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.76	AUD	ORD	1,239	1,239
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.76	AUD	ORD	496	496
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.76	AUD	ORD	1,365	1,365
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	28.76	AUD	ORD	-374	-374
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	28.76	AUD	ORD	496	496
22-Oct-18	BlackRock Asset Management Canada Limited	on mkt buy	28.76	AUD	ORD	12,278	12,278
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	28.76	AUD	ORD	9,659	9,659
22-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
22-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,104	1,104
23-Oct-18	BlackRock Fund Advisors	on mkt buy	28.57	AUD	ORD	663	663
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	28.59	AUD	ORD	-4,467	-4,467
23-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	28.55	AUD	ORD	-1,013	-1,013
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.55	AUD	ORD	-1,531	-1,531
23-Oct-18	BlackRock International Limited	on mkt sell	28.55	AUD	ORD	-3,669	-3,669
23-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.56	AUD	ORD	-3,951	-3,951
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.52	AUD	ORD	-12,814	-12,814
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.52	AUD	ORD	-5,282	-5,282
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.52	AUD	ORD	-13,673	-13,673
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	28.52	AUD	ORD	-15,041	-15,041
23-Oct-18	BlackRock Institutional Trust Company,	on mkt sell	28.60	AUD	ORD	-1,139	-1,139
23-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	28.60	AUD	ORD	-2,596	-2,596
23-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	28.52	AUD	ORD	-1,059	-1,059
23-Oct-18	National Association BlackRock Investment Management, LLC	on mkt sell	28.52	AUD	ORD	-984	-984
23-Oct-18	BlackRock Institutional Trust Company,	on mkt sell	28.52	AUD	ORD	-564	-564
23-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	28.52	AUD	ORD	-2,299	-2,299
	National Association						
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	28.52	AUD	ORD	-2,014	-2,014
23-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.52	AUD	ORD	-2,810	-2,810
23-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.52	AUD	ORD	-1,615	-1,615
23-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	28.52	AUD	ORD	-1,467	-1,467
23-Oct-18	BlackRock Advisors, LLC BlackRock Advisors, LLC	on mkt sell	28.52	AUD AUD	ORD	-4,826	-4,826
23-Oct-18 23-Oct-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	28.52 28.52	AUD	ORD ORD	<u>-2,496</u> -491	-2,496 -491

23-Oct-18       BlackRoc         24-Oct-18       BlackRoc	ck Financial Management, Inc. ck Financial Management, Inc. ck Investment Management, LLC ck Investment Management (UK) ck Institutional Trust Company, Association ck Institutional Trust Company,	on mkt sell on mkt sell on mkt sell on mkt sell	28.52 28.52	AUD	ORD	-3,403	-3,40
23-Oct-18       BlackRoc         24-Oct-18       BlackRoc	ck Investment Management, LLC ick Investment Management (UK) ick Institutional Trust Company, Association	on mkt sell	28.52	AUD			5,-0
23-Oct-18       BlackRoc         Limited       BlackRoc         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc </td <td>ck Investment Management (UK) ck Institutional Trust Company, Association</td> <td></td> <td></td> <td></td> <td>ORD</td> <td>-1,183</td> <td>-1,18</td>	ck Investment Management (UK) ck Institutional Trust Company, Association				ORD	-1,183	-1,18
Limited 23-Oct-18 BlackRoc National <i>J</i> 23-Oct-18 BlackRoc 23-Oct-18 BlackRoc (Australia 23-Oct-18 BlackRoc 23-Oct-18 BlackRoc 23-Oct-18 BlackRoc 23-Oct-18 BlackRoc (Australia 24-Oct-18 B	ck Institutional Trust Company, Association	on mkt sell	28.52	AUD	ORD	-520	-52
23-Oct-18       BlackRoc         National /         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc <t< td=""><td>Association</td><td></td><td>28.52</td><td>AUD</td><td>ORD</td><td>-633</td><td>-63</td></t<>	Association		28.52	AUD	ORD	-633	-63
23-Oct-18       BlackRoc         National /         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc <t< td=""><td></td><td>on mkt sell</td><td>28.52</td><td>AUD</td><td>ORD</td><td>-5,250</td><td>-5,25</td></t<>		on mkt sell	28.52	AUD	ORD	-5,250	-5,25
23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         Autional       Autional         24-Oct-18       BlackRoc         Autional       Autional </td <td></td> <td>on mkt sell</td> <td>28.52</td> <td>AUD</td> <td>ORD</td> <td>-2,018</td> <td>-2,01</td>		on mkt sell	28.52	AUD	ORD	-2,018	-2,01
23-Oct-18       BlackRoc         National /         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia         24-Oct-18	ck Financial Management, Inc.	on mkt sell	28.52	AUD	ORD	-1,665	-1,66
23-Oct-18       BlackRoc         National /         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia         24-Oct-18	ck Advisors, LLC	on mkt sell	28.52	AUD	ORD	-3,400	-3,40
23-Oct-18       BlackRoc         24-Oct-18       BlackRoc	ck Institutional Trust Company,	on mkt sell	28.52	AUD	ORD	-3,106	-3,10
23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia	ck Investment Management (UK)	on mkt sell	28.52	AUD	ORD	-1,426	-1,42
23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         Autional /       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc	ck Advisors (UK) Limited	on mkt sell	28.52	AUD	ORD	-3,518	-3,51
23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         National /       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackR	ck Advisors (UK) Limited	on mkt sell	28.52	AUD	ORD	-2,528	-2,52
23-Oct-18       BlackRoc         Limited       BlackRoc         23-Oct-18       BlackRoc         National /       BlackRoc         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         National /       24-Oct-18         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         (Australia <t< td=""><td>ck Financial Management, Inc.</td><td>on mkt sell</td><td>28.52</td><td>AUD</td><td>ORD</td><td>-1,102</td><td>-1,10</td></t<>	ck Financial Management, Inc.	on mkt sell	28.52	AUD	ORD	-1,102	-1,10
Limited 23-Oct-18 BlackRoc National / 23-Oct-18 BlackRoc (Australia 23-Oct-18 BlackRoc (Australia 23-Oct-18 BlackRoc (Australia 23-Oct-18 BlackRoc 23-Oct-18 BlackRoc 23-Oct-18 BlackRoc (Australia 24-Oct-18 BlackRoc (Australia) 24-Oct-18 BlackRoc (Australia) 2	ck Investment Management, LLC	on mkt sell	28.52	AUD	ORD	-1,292	-1,29
23-Oct-18       BlackRoc         National /         23-Oct-18       BlackRoc         National /         23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         (Australia         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc<	ck Asset Management Canada	on mkt sell	28.52	AUD	ORD	-2,844	-2,84
23-Oct-18       BlackRoc         National /       23-Oct-18         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       Blac	ck Institutional Trust Company,	on mkt sell	28.52	AUD	ORD	-186	-18
23-Oct-18       BlackRoc (Australia         23-Oct-18       BlackRoc National /         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         24-Oct-18 </td <td>Association ock Institutional Trust Company, Association</td> <td>on mkt sell</td> <td>28.46</td> <td>AUD</td> <td>ORD</td> <td>-8,062</td> <td>-8,06</td>	Association ock Institutional Trust Company, Association	on mkt sell	28.46	AUD	ORD	-8,062	-8,06
23-Oct-18       BlackRoc (Australia)         23-Oct-18       BlackRoc         National A       BlackRoc         23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         National A       24-Oct-18         24-Oct-18       BlackRoc         (Australia)       24-Oct-18         24-Oct-18       BlackRoc         24-Oct-18 <td>ock Fund Advisors</td> <td>on mkt buy</td> <td>28.46</td> <td>AUD</td> <td>ORD</td> <td>20,568</td> <td>20,56</td>	ock Fund Advisors	on mkt buy	28.46	AUD	ORD	20,568	20,56
23-Oct-18     BlackRoc National /       23-Oct-18     BlackRoc       23-Oct-18     BlackRoc       23-Oct-18     BlackRoc       23-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       (Australia     24-Oct-18       24-Oct-18     BlackRoc	ck Investment Management	on mkt buy	28.46	AUD	ORD	2,210	2,21
23-Oct-18       BlackRoc         23-Oct-18       BlackRoc         24-Oct-18       BlackRoc         (Australia       24-Oct-18         24-Oct-18       BlackRoc         National       Australia         24-Oct-18       BlackRoc         National       Australia         24-Oct-18       BlackRoc         National       Australia         24-Oct-18       BlackRoc         National       Austr	ck Institutional Trust Company, Association	on mkt buy	28.46	AUD	ORD	1,675	1,67
23-Oct-18     BlackRoc       24-Oct-18     BlackRoc       (Australia     24-Oct-18       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National     24-Oct-18       BlackRoc     National       24-Oct-18     BlackRoc       National     24-Oct-18	ock (Netherlands) B.V.	on mkt buy	28.46	AUD	ORD	588	58
24-Oct-18     BlackRoc Limited       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia)       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National A     24-Oct-18       8     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National A     24-Oct-18	ck Advisors (UK) Limited	on mkt buy	28.46	AUD	ORD	2,488	2,48
24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc	ck Japan Co., Ltd. ck Investment Management (UK)	collateral transfer on mkt buy	n/a 28.32	AUD AUD	ORD ORD	35,057 2,851	35,05 2,85
24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National /     24-Oct-18	ck Institutional Trust Company,	on mkt sell	28.12	AUD	ORD	-2,706	-2,70
24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National       24-Oct-18     BlackRoc National       24-Oct-18     BlackRoc National       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National     Australia       24-Oct-18     BlackRoc       National     Australia       24-Oct-18     BlackRoc       National     Australia	ck Institutional Trust Company,	on mkt sell	28.10	AUD	ORD	-1,403	-1,40
24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc	ck Investment Management	on mkt sell	28.11	AUD	ORD	-1,625	-1,62
24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc National A       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc	ck Investment Management	on mkt sell	28.11	AUD	ORD	-28,825	-28,82
24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc 24-Oct-18       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc	ck Investment Management	on mkt sell	28.11	AUD	ORD	-4,266	-4,26
24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc (Australia)       24-Oct-18     BlackRoc 24-Oct-18       24-Oct-18     BlackRoc National /       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc	ck Investment Management	on mkt sell	28.11	AUD	ORD	-11,700	-11,70
24-Oct-18     BlackRoc (Australia       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National A     Autional A       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National A     BlackRoc       24-Oct-18     BlackRoc	ck Institutional Trust Company, Association	on mkt sell	28.12	AUD	ORD	-585	-58
24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       24-Oct-18     BlackRoc       National A     BlackRoc       24-Oct-18     BlackRoc       National A     BlackRoc       24-Oct-18     BlackRoc       BlackRoc     BlackRoc       BlackRoc     BlackRoc       BlackRoc     BlackRoc       BlackRoc     BlackRoc       BlackRoc     BlackRoc       BlackRoc     BlackRoc	ck Investment Management	on mkt sell	28.11	AUD	ORD	-740	-74
24-Oct-18         BlackRoc National A           24-Oct-18         BlackRoc National A           24-Oct-18         BlackRoc	ck Advisors (UK) Limited	on mkt sell	28.05	AUD	ORD	-1,239	-1,23
24-Oct-18 BlackRoc National A 24-Oct-18 BlackRoc	ck Advisors (UK) Limited	on mkt buy on mkt sell	28.05 28.05	AUD AUD	ORD ORD	-9,354	-9,35
24-Oct-18 BlackRoc	Association ck Institutional Trust Company,	on mkt buy	28.05	AUD	ORD	2,866	2,86
(Australia	Association ock Investment Management	on mkt buy	28.05	AUD	ORD	2,021	2,02
	a) Limited ock Fund Advisors	in specie	n/a	AUD	ORD	392	39
	ick Fund Advisors	in specie	n/a n/a	AUD	ORD	-4,623	-4,62
	ick Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	676,418	676,41
	ck Investment Management (UK)	on mkt buy	27.34	AUD	ORD	2,146	2,14
25-Oct-18 BlackRoc	ck Advisors, LLC	on mkt sell on mkt sell	27.01 27.01	AUD AUD	ORD ORD	-930 -2,744	-93 -2,74
(Australia							
25-Oct-18 BlackRoc 25-Oct-18 BlackRoc	ck Investment Management a) Limited	on mkt sell	26.75	AUD	ORD	-3,959	-3,95 2,49

ate of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and r securities		Person's votes affected
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	26.75	AUD	ORD	2,478	2,478
25-Oct-18 25-Oct-18	BlackRock Advisors, LLC BlackRock Institutional Trust Company, National Association	on mkt sell on mkt buy	26.75 26.75	AUD AUD	ORD ORD	-305 1,901	-305 1,901
25-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.75	AUD	ORD	25,534	25,534
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,840	1,840
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	920	920
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	26,644	26,644
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
25-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,958	-9,958
26-Oct-18 26-Oct-18	BlackRock Fund Advisors BlackRock Advisors, LLC	in specie	n/a n/a	AUD AUD	ORD ORD	-8,116 8,116	-8,116 8,116
26-Oct-18 26-Oct-18	BlackRock Institutional Trust Company, National Association	in specie on mkt sell	26.35	AUD	ORD	-1,510	-1,510
26-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	26.34	AUD	ORD	-38,144	-38,144
26-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.35	AUD	ORD	-7,206	-7,206
26-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.35	AUD	ORD	-2,619	-2,619
26-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	26.35	AUD	ORD	-3,298	-3,298
26-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	26.35	AUD	ORD	-1,244	-1,244
26-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.35	AUD	ORD	-1,653	-1,653
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-9,861	-9,861
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-5,069	-5,069
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-3,299	-3,299
26-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	26.35	AUD	ORD	-1,222	-1,222
26-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	26.35	AUD	ORD	-2,943	-2,943
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-22,262	-22,262
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.35	AUD	ORD	-11,787	-11,787
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.43	AUD	ORD	-143	-143
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.20	AUD	ORD	-123,095	-123,095
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.20	AUD	ORD	-8,433	-8,433
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.31	AUD	ORD	38,541	38,547
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.31	AUD	ORD	889	889
26-Oct-18	BlackRock Asset Management Canada Limited	on mkt buy	26.31	AUD	ORD	238	238
26-Oct-18	BlackRock Fund Advisors	on mkt buy	26.31	AUD	ORD	6,856	6,856
26-Oct-18	BlackRock Fund Advisors	on mkt buy	26.31	AUD	ORD	106	106
26-Oct-18 26-Oct-18	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-1,590 -97,641	-1,590 -97,641
26-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,359	-2,359
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-1,559	-1,559
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-2,818	-2,818
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-2,322	-2,322
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-193	-193
29-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.18	AUD	ORD	-14,945	-14,945
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.18	AUD	ORD	4,675	4,675
29-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.18	AUD	ORD	-3,003	-3,003
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-34,669	-34,669
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-8,324	-8,324
29-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	26.18	AUD	ORD	-1,135	-1,135

Date of Change	Person whose relevant interest changed	Nature of cl Consideration giv chang	ven in relation to	ССҮ	Class and securities		Person's votes affected
29-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.18	AUD	ORD	20,002	20,002
29-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	26.18	AUD	ORD	-1,750	-1,75
29-Oct-18	BlackRock Investment Management, LLC	on mkt sell	26.18	AUD	ORD	-896	-89
29-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	26.18	AUD	ORD	-8,321	-8,32
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-31,289	-31,28
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.18	AUD	ORD	-14,343	-14,34
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	26.26	AUD	ORD	-1,008	-1,00
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	26.26	AUD	ORD	1,540	1,54
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	26.26	AUD	ORD	378	37
29-Oct-18	BlackRock Investment Management, LLC	on mkt buy	26.26	AUD	ORD	3,143	3,14
29-Oct-18	BlackRock Institutional Trust Company,	on mkt buy	26.26	AUD	ORD	2,004	2,00
29-Oct-18	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,322	3,32
29-Oct-18 29-Oct-18	BlackRock Fund Advisors	in specie		AUD	ORD	-1,008	
29-Oct-18 29-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a n/a	AUD	ORD	5,428	-1,00 5,42
	BlackRock Advisors (UK) Limited						
29-Oct-18	· · · · · · · · · · · · · · · · · · ·	collateral transfer on mkt sell	n/a	AUD	ORD	24,271	24,27
30-Oct-18	BlackRock Institutional Trust Company, National Association		26.30	AUD	ORD	-146	-14
30-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	25.93	AUD	ORD	10,770	10,77
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.22	AUD	ORD	-8,544	-8,54
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.22	AUD	ORD	-244,957	-244,95
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.22	AUD	ORD	-16,909	-16,90
30-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	26.12	AUD	ORD	2,537	2,53
30-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	26.67	AUD	ORD	5,385	5,38
30-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	26.59	AUD	ORD	5,386	5,38
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.71	AUD	ORD	8,041	8,04
30-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.71	AUD	ORD	9,908	9,90
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	392	39
30-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-20,002	-20,00
30-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	40,547	40,54
30-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1	
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.55	AUD	ORD	-921	-92
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.55	AUD	ORD	-2,166	-2,16
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	27.07	AUD	ORD	4,308	4,30
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-851	-85
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	26.51	AUD	ORD	-2,267	-2,26
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	26.51	AUD	ORD	-723	-72
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	26.51	AUD	ORD	-1,115	-1,11
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	26.51	AUD	ORD	-895	-89
31-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.51	AUD	ORD	-20,074	-20,07
31-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.51	AUD	ORD	-3,586	-3,58
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-2,314	-2,31
31-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	26.51	AUD	ORD	-6,200	-6,20
31-Oct-18	BlackRock Advisors, LLC	on mkt sell	26.51	AUD	ORD	-5,109	-5,10
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-36,276	-36,27
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-14,271	-14,27
31-Oct-18	BlackRock Investment Management (UK)	on mkt sell	26.51	AUD	ORD	-2,745	-2,74
51 661 16	Limited						

Date of Change	Person whose relevant interest changed	Nature of char Consideration given change (	n in relation to	ССҮ	Class and r securities		Person's votes affected
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-19,159	-19,159
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-8,671	-8,67
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	26.52	AUD	ORD	-947	-94
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	26.51	AUD	ORD	-583	-58
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.51	AUD	ORD	-352	-35
31-Oct-18	BlackRock Institutional Trust Company,	on mkt sell	26.51	AUD	ORD	-4,438	-4,43
31-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	26.51	AUD	ORD	-961	-96
31-Oct-18	National Association BlackRock Institutional Trust Company,	on mkt sell	26.51	AUD	ORD	-929	-92
31-Oct-18	National Association BlackRock Investment Management	on mkt buy	26.51	AUD	ORD	256	25
31-Oct-18	(Australia) Limited BlackRock Investment Management	on mkt buy	26.51	AUD	ORD	1,316	1,31
04.0 + 40	(Australia) Limited			4115	000		
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	26.50	AUD	ORD	420	42
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	26.50	AUD	ORD	-376	-37
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	26.50	AUD	ORD	-499	-49
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	26.50	AUD	ORD	-1,440	-1,44
31-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	26.50	AUD	ORD	1,811	1,81
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.50	AUD	ORD	13,219	13,21
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	26.50	AUD	ORD	5,871	5,87
31-Oct-18	BlackRock Asset Management Canada Limited	on mkt buy	26.50	AUD	ORD	13,606	13,60
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.50	AUD	ORD	23,443	23,44
31-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	26.50	AUD	ORD	7,956	7,95
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.50	AUD	ORD	-2,097	-2,09
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,228	4,22
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,075	-11,07
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,288	1,28
31-Oct-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	25,270	25,27
31-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-64,818	-64,81
31-Oct-18	BlackRock Investment Management, LLC		n/a	AUD	ORD	-1	-
01-Nov-18	BlackRock (Singapore) Limited	in specie	n/a	AUD	ORD	3,441	3,44
01-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	27.02	AUD	ORD	-2,307	-2,30
	National Association BlackRock Institutional Trust Company,			AUD			-6,64
01-Nov-18	National Association	on mkt sell	27.02	AUD	ORD		-0.04
						-6,641	
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	27.21	AUD	ORD	-6,641 -87,362	
01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	27.21	AUD	ORD	-87,362	-87,36
	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	27.21 27.21	AUD AUD		-87,362 760 700	-87,36 76 70
01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	27.21	AUD	ORD	-87,362	-87,36 76 70
01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management	on mkt buy on mkt buy	27.21 27.21	AUD AUD	ORD ORD	-87,362 760 700	-87,36 76 70 29,48
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy on mkt buy on mkt buy	27.21 27.21 27.21 27.21 27.21	AUD AUD AUD	ORD ORD ORD ORD	-87,362 760 700 29,485 14,189	-87,36 76 70 29,48 14,18
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy	27.21 27.21 27.21 27.21 27.21 27.21	AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187	-87,36 76 70 29,48 14,18 3,18
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy in specie	27.21 27.21 27.21 27.21 27.21 27.21 27.21 n/a	AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239	-87,36 76 70 29,48 14,18 3,18 1,23
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company,	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy	27.21 27.21 27.21 27.21 27.21 27.21	AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie	27.21 27.21 27.21 27.21 27.21 n/a n/a n/a	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd.	on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer	27.21 27.21 27.21 27.21 27.21 27.21 n/a n/a n/a n/a	AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86 -2,57
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd. BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy	27.21 27.21 27.21 27.21 27.21 27.21 n/a n/a n/a n/a n/a 27.79	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576 7,405	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86 -2,57 7,40
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy on mkt sell	27.21 27.21 27.21 27.21 27.21 27.21 n/a n/a n/a 27.79 27.80	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576 7,405 -2,862	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86 -2,57 7,40 -2,86
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy	27.21 27.21 27.21 27.21 27.21 27.21 n/a n/a n/a n/a n/a 27.79	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576 7,405	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86 -2,57 7,40 -2,86
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy on mkt sell	27.21 27.21 27.21 27.21 27.21 27.21 n/a n/a n/a 27.79 27.80	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576 7,405 -2,862	-87,363 766 700 29,483 14,183 1,233 -4,623 -16,866 -2,570 7,403 -2,863 -2,863 -7,155
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Innecial Management, Inc. BlackRock Investment Management	on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy on mkt sell on mkt sell	27.21 27.21 27.21 27.21 27.21 n/a n/a n/a n/a 27.79 27.80 27.80	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576 7,405 -2,862 -7,158	-87,36. 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86 -2,57 7,40 -2,86 -7,15 -1,26
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Financial Management, Inc. BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy on mkt sell on mkt sell on mkt sell on mkt sell	27.21 27.21 27.21 27.21 27.21 0/a n/a n/a n/a 27.79 27.80 27.80 27.80 27.90 28.01	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 7,405 -2,576 7,405 -2,862 -7,158 -1,260 6,498	-87,36 76 70 29,48 14,18 3,18 1,23 -4,62 -16,86 -2,57 7,40 -2,86 -7,15 -1,26 6,49
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) 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 BlackRock Financial Management, Inc. BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	27.21 27.21 27.21 27.21 27.21 0/a n/a n/a n/a 27.79 27.80 27.80 27.80 27.90 28.01 28.01	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 -2,576 7,405 -2,862 -7,158 -1,260 6,498 1,247	-87,362 766 700 29,483 14,18 3,18 1,233 -4,622 -16,866 -2,570 7,400 -2,862 -7,150 -2,862 -7,150 -1,260 6,490 1,24
01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 01-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18 02-Nov-18	BlackRock Investment Management (Australia) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Investment Management (Australia) Limited BlackRock Advisors, LLC BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association BlackRock Financial Management, Inc. BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy on mkt buy on mkt buy on mkt buy in specie in specie in specie collateral transfer on mkt buy on mkt sell on mkt sell on mkt sell on mkt sell	27.21 27.21 27.21 27.21 27.21 0/a n/a n/a n/a 27.79 27.80 27.80 27.80 27.90 28.01	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-87,362 760 700 29,485 14,189 3,187 1,239 -4,623 -16,867 7,405 -2,576 7,405 -2,862 -7,158 -1,260 6,498	-87,363 -87,363 764 700 29,483 14,183 1,233 -4,623 -16,866 -2,574 7,403 -2,863 -7,156 -1,264 6,494 1,244 -433 -12,444

ALL

ate 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
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,104	1,10
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,008	-1,00
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,008	-1,00
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,48
02-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-264,054	-264,05
05-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.59	AUD	ORD	-9,946	-9,94
05-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.59	AUD	ORD	-4,421	-4,42
05-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.59	AUD	ORD	-8,584	-8,58
05-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.43	AUD	ORD	-864	-86
05-Nov-18	BlackRock Investment Management, LLC	on mkt buy	27.43	AUD	ORD	2,374	2,37
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,348	3,34
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	322	32
05-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-93,298	-93,29
05-Nov-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	142,030	142,0
05-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	531,117	531,1
05-Nov-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	44,300	44,30
06-Nov-18	Limited BlackRock Financial Management, Inc.	on mkt sell	27.16	AUD	ORD	-1,878	-1,8
06-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	27.16	AUD	ORD	6 294	6.2
00-1100-18	National Association	on mikt sen	27.16	AUD	ORD	-6,384	-6,3
06-Nov-18	BlackRock International Limited	on mkt sell	27.16	AUD	ORD	-8,509	-8,5
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.18	AUD	ORD	-1,241	-1,2
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.18	AUD	ORD	-1,229	-1,2
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.16	AUD	ORD	-2,081	-2,0
06-Nov-18	BlackRock Investment Management, LLC	on mkt sell	27.16	AUD	ORD	-5,871	-5,8
06-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	27.16	AUD	ORD	-1,115	-1,1
06-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.16	AUD	ORD	-2,854	-2,8
	National Association						
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.16	AUD	ORD	-3,947	-3,9
06-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	27.16	AUD	ORD	-4,364	-4,3
06-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	27.16	AUD	ORD	-1,223	-1,2
06-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	27.16	AUD	ORD	-1,489	-1,4
06-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	27.16	AUD	ORD	-1,660	-1,6
06-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	27.16	AUD	ORD	-2,520	-2,5
06-Nov-18	BlackRock Advisors, LLC	on mkt sell	27.16	AUD	ORD	-3,133	-3,1
06-Nov-18	BlackRock Advisors, LLC	on mkt sell	27.16	AUD	ORD	-6,484	-6,4
06-Nov-18	BlackRock Asset Management Canada	on mkt sell	27.16	AUD	ORD	-2,511	-2,5
06-Nov-18	Limited BlackRock Financial Management, Inc.	on mkt sell	27.16	AUD	ORD	-6,295	-6,2
06-Nov-18	BlackRock Financial Management, Inc.						-2,3
	<b>.</b>	on mkt sell	27.16	AUD	ORD	-2,349	
06-Nov-18	BlackRock Investment Management, LLC	on mkt sell	27.16	AUD	ORD	-1,451	-1,4
06-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.16	AUD	ORD	-1,155	-1,1
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.16	AUD	ORD	-3,053	-3,0
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.16	AUD	ORD	-22,358	-22,3
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.16	AUD	ORD	-3,049	-3,0
06-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	27.16	AUD	ORD	-17,300	-17,3
06-Nov-18	BlackRock Advisors, LLC	on mkt sell	27.16	AUD	ORD	-1,751	-1,7
06-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	27.16	AUD	ORD	-9,381	-1,7 -9,3
06-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.16	AUD	ORD	-2,686	-2,6
06-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.16	AUD	ORD	-6,031	-6,0
00 N 10	National Association	on mist call	07.40	ALIE	000	0.017	
06-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	27.16	AUD	ORD	-2,814	-2,8

06-Nov-18 B 06-Nov-18 B	BlackRock Advisors (UK) Limited     BlackRock Advisors (UK) Limited     BlackRock Advisors (UK) Limited     BlackRock Financial Management, Inc.     BlackRock Investment Management Canada     imited     BlackRock Institutional Trust Company,     Vational Association     BlackRock Institutional Trust Company,     Jational Association     BlackRock Japan Co., Ltd.     BlackRock Advisors (UK) Limited     BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16	AUD AUD AUD AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD ORD ORD ORD	-5,977 -4,553 -5,939 -2,426 -950 -1,646 -14,929 -11,645 -860	-5,977 -4,553 -5,939 -2,426 -950 -1,646 -14,929 -11,645 -860
06-Nov-18 B 06-Nov-18 B	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association	on mkt sell on mkt sell	27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16	AUD AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD ORD	-5,939 -2,426 -950 -1,646 -14,929 -11,645	-5,935 -2,426 -950 -1,646 -14,925 -11,645 -860
06-Nov-18 B 06-Nov-18 B	BlackRock Financial Management, Inc. BlackRock Investment Management, LLC BlackRock Asset Management Canada imited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16	AUD AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD ORD	-2,426 -950 -1,646 -14,929 -11,645	-2,426 -950 -1,646 -14,929 -11,645 -860
06-Nov-18 B 06-Nov-18 B	BlackRock Investment Management, LLC BlackRock Asset Management Canada imited BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Institutional Trust Company, Vational Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	27.16 27.16 27.16 27.16 27.16 27.16 27.16	AUD AUD AUD AUD AUD	ORD ORD ORD ORD ORD	-950 -1,646 -14,929 -11,645	-950 -1,640 -14,929 -11,645 -860
06-Nov-18 B 06-Nov-18 B 06-No	BlackRock Asset Management Canada imited BlackRock Institutional Trust Company, Jational Association BlackRock Institutional Trust Company, Jational Association BlackRock Institutional Trust Company, Jatonal Association BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Jational Association BlackRock Institutional Trust Company, Jational Association BlackRock Institutional Trust Company, Jational Association BlackRock Institutional Trust Company, Jational Association	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	27.16 27.16 27.16 27.16 27.16 27.16	AUD AUD AUD AUD	ORD ORD ORD ORD	-1,646 -14,929 -11,645	-1,646 -14,929 -11,645 -860
Li 06-Nov-18 B N 06-Nov-18 B 06-Nov-18 B 00-Nov-18 B	imited BlackRock Institutional Trust Company, Jational Association BlackRock Institutional Trust Company, Jational Association BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, Jational Association BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Jational Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	27.16 27.16 27.16 27.16	AUD AUD AUD	ORD ORD ORD	-14,929 -11,645	-14,929 -11,645 -860
06-Nov-18 B N 06-Nov-18 B 06-Nov-18 B	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company, National Association BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, National Association BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell on mkt sell on mkt sell on mkt sell	27.16 27.16 27.16	AUD	ORD	-11,645	-11,645
06-Nov-18 B 06-Nov-18 B	BlackRock Institutional Trust Company, Jational Association BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, Jational Association BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Jational Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell on mkt sell on mkt sell	27.16	AUD	ORD		-860
06-Nov-18 B 06-Nov-18 B	BlackRock Financial Management, Inc. BlackRock Institutional Trust Company, Vational Association BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Vational Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell on mkt sell	27.16			-860	
N 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B	National Association BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited	on mkt sell on mkt sell		AUD	ORD		
06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Jational Association BlackRock Advisors (UK) Limited	on mkt sell	27.16			-657	-657
06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B	BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company, Jational Association BlackRock Advisors (UK) Limited	on mkt sell	27.10	AUD	ORD	-619	-619
06-Nov-18 B N 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B N	BlackRock Institutional Trust Company, Jational Association BlackRock Advisors (UK) Limited		27.16	AUD	ORD	-9,678	-9,678
N 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B 06-Nov-18 B N	Vational Association BlackRock Advisors (UK) Limited	01111111100011	27.16	AUD	ORD	-280	-280
06-Nov-18         B           06-Nov-18         B           06-Nov-18         B           06-Nov-18         B           06-Nov-18         N		an militari					
06-Nov-18 B 06-Nov-18 B 06-Nov-18 B N		on mkt buy	27.17	AUD	ORD	1,520	1,52
06-Nov-18 B 06-Nov-18 B N		on mkt buy	27.17	AUD	ORD	1,494	1,494
06-Nov-18 B N	BlackRock Advisors (UK) Limited	on mkt sell on mkt buy	27.17	AUD	ORD	-21,980	-21,980
	BlackRock Institutional Trust Company,	on mkt buy	27.17 27.17	AUD AUD	ORD ORD	980 32,823	980 32,823
06-Nov-18 B	National Association						
	BlackRock Advisors (UK) Limited	on mkt buy	27.17	AUD	ORD	3,142	3,14
	BlackRock Institutional Trust Company, National Association	on mkt buy	27.17	AUD	ORD	33,253	33,253
06-Nov-18 B	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-350,695	-350,69
06-Nov-18 B	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	54,131	54,13
06-Nov-18 B	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-142,030	-142,03
06-Nov-18 B	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-531,117	-531,11
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	81,571	81,571
06-Nov-18 B	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	2,936	2,936
07-Nov-18 B	BlackRock Institutional Trust Company, Jational Association	on mkt sell	27.16	AUD	ORD	-1,138	-1,138
07-Nov-18 B	BlackRock Investment Management Australia) Limited	on mkt buy	27.24	AUD	ORD	4,866	4,866
07-Nov-18 B	BlackRock Investment Management	on mkt buy	27.24	AUD	ORD	5,638	5,638
07-Nov-18 B	Australia) Limited BlackRock Investment Management	on mkt buy	27.24	AUD	ORD	1,195	1,195
07-Nov-18 B	Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	27.25	AUD	ORD	-8,385	-8,385
07-Nov-18 B	Vational Association BlackRock Institutional Trust Company,	on mkt sell	27.25	AUD	ORD	-1,832	-1,832
07-Nov-18 B	Iational Association BlackRock Institutional Trust Company, Iational Association	on mkt sell	27.25	AUD	ORD	-1,857	-1,857
	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	1,250	1,250
	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	564	564
	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	2,618	2,618
07-Nov-18 B	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	564	564
07-Nov-18 B	BlackRock Advisors (UK) Limited	on mkt buy	27.31	AUD	ORD	1,076	1,076
	BlackRock Asset Management Canada	on mkt buy	27.31	AUD	ORD	7,753	7,753
	BlackRock Japan Co., Ltd.	on mkt sell	27.17	AUD	ORD	-336,782	-336,782
07-Nov-18 B	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-2,335	-2,33
	imited	in on opio	~/~		000	000	000
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	828	828
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,064	-8,064
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-82	-82
07-Nov-18 B	BlackRock Capital Management, Inc. BlackRock Investment Management (UK)	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	51 714	5 <sup>.</sup> 714
07-Nov-18 B	imited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-684	-684
	.imited BlackRock Financial Management, Inc.	on mkt sell	27.54	AUD	ORD	-2,814	-2,814

ate of Change	Person whose relevant interest changed	Considerat	e of change (6) / ion given in relation to change (7)	ССҮ	Class and r securities		Person's votes affected
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.54	AUD	ORD	-8,635	-8,63
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.52	AUD	ORD	6,597	6,59
08-Nov-18	BlackRock International Limited	on mkt sell	27.54	AUD	ORD	-12,918	-12,91
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-1,602	-1,60
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-2,651	-2,65
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-2,143	-2,143
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.51	AUD	ORD	-4,516	-4,51
08-Nov-18	BlackRock Advisors, LLC	on mkt sell	27.51	AUD	ORD	-6,151	-6,15
08-Nov-18	BlackRock Advisors, LLC	on mkt sell	27.51	AUD	ORD	-7,459	-7,45
08-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	27.51	AUD	ORD	-824	-824
08-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	27.51	AUD	ORD	-2,586	-2,580
08-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	27.51	AUD	ORD	-10,077	-10,07
08-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	27.51	AUD	ORD	-3,508	-3,508
08-Nov-18	BlackRock Investment Management, LLC	on mkt sell	27.51	AUD	ORD	-1,345	-1,34
08-Nov-18	BlackRock Investment Management (UK)	on mkt sell	27.51	AUD	ORD	-986	-986
08-Nov-18	Limited BlackRock Institutional Trust Company,	on mkt sell	27.51	AUD	ORD	-7,500	-7,500
08-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.51	AUD	ORD	-24,963	-24,963
08-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.51	AUD	ORD	-2,275	-2,27
08-Nov-18	National Association BlackRock Financial Management, Inc.	on mkt sell	27.51	AUD	ORD	-15,473	-15,473
	<b>-</b>						
08-Nov-18	BlackRock Advisors, LLC	on mkt sell	27.51	AUD	ORD	-1,667	-1,66
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-11,528	-11,52
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-6,048	-6,04
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-9,223	-9,223
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.51	AUD	ORD	-7,743	-7,743
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.51	AUD	ORD	-6,028	-6,02
08-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	27.51	AUD	ORD	-2,023	-2,023
08-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	27.51	AUD	ORD	-2,691	-2,69
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-17,687	-17,68
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	27.51	AUD	ORD	-11,035	-11,03
08-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	27.51	AUD	ORD	-141	-14
00 NL 40	National Association		07.47		000	0.750	0.75
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.47	AUD	ORD	-3,759	-3,759
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.47	AUD	ORD	3,750	3,750
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.47	AUD	ORD	4,491	4,49
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.47	AUD	ORD	538	53
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.47	AUD	ORD	1,721	1,72
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.47	AUD	ORD	2,544	2,54
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,790	2,79
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,960	4,960
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	552	552
08-Nov-18	BlackRock Advisors (UK) Limited	collateral tran	sfer n/a	AUD	ORD	55,571	55,57
08-Nov-18	BlackRock Capital Management, Inc.	collateral tran		AUD	ORD	50	50
08-Nov-18	BlackRock Investment Management (UK) Limited	collateral tran	sfer n/a	AUD	ORD	-86	-80
08-Nov-18	BlackRock Asset Management North Asia Limited	collateral tran	sfer n/a	AUD	ORD	-16	-10
		on mkt sell	27.10	AUD	ORD	-1,879	-1,879
09-Nov-18	BlackRock Institutional Trust Company, National Association	on nikt sei	27.10	NOD		.,	

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
09-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	27.05	AUD	ORD	-3,131	-3,13
09-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	27.13	AUD	ORD	77,642	77,64
09-Nov-18	BlackRock Advisors, LLC	on mkt buy	27.13	AUD	ORD	24,641	24,64
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.13	AUD	ORD	4,990	4,99
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.13	AUD	ORD	284	28
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,674	1,67
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,000	3,00
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,500	1,50
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	612	61
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,008	-1,00
09-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,073	-7,07
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	19,230	19,23
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	21,140	21,14
09-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,957	-1,95
09-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	1	
09-Nov-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	54	5
09-Nov-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-6	-
12-Nov-18	Limited BlackRock Institutional Trust Company,	on mkt sell	27.25	AUD	ORD	-3,167	-3,16
12-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	27.25	AUD	ORD	-5,240	-5,24
40 Nov 40	National Association	an malat a all	07.07		000	0.774	0.75
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	27.27	AUD	ORD	-3,774	-3,77
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.27	AUD	ORD	3,810	3,8
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.27	AUD	ORD	4,016	4,0
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	27.27	AUD	ORD	539	5
12-Nov-18 12-Nov-18	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	on mkt sell on mkt buy	27.27 27.27	AUD AUD	ORD ORD	-2,518 2,091	-2,51
12-1100-10	blackrock investment wanagement, LLC	OIT HIKE DUY	21.21	AUD	ORD	2,091	2,08
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,623	-4,62
12-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,863	1,86
12-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	.,00
12-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	17	1
12-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	37	3
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-1,709	-1,70
13-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.81	AUD	ORD	-1,617	-1,61
13-Nov-18	BlackRock Investment Management, LLC	on mkt sell	26.82	AUD	ORD	-4,969	-4,96
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.81	AUD	ORD	-4,964	-4,96
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-944	-94
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-3,643	-3,64
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-545	-54
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.82	AUD	ORD	-3,226	-3,22
13-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	26.82	AUD	ORD	-1,245	-1,24
13-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	26.82	AUD	ORD	-1,122	-1,12
13-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	26.82	AUD	ORD	-1,365	-1,36
13-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	26.82	AUD	ORD	-1,636	-1,63
13-Nov-18	BlackRock Advisors, LLC	on mkt sell	26.82	AUD	ORD	-8,636	-8,63
13-Nov-18 13-Nov-18	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	26.82 26.82	AUD AUD	ORD ORD	-4,799 -563	-4,79
13-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	26.82	AUD	ORD	-1,861	-1,86
13-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.82	AUD	ORD	-5,097	-5,09
13-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.82	AUD	ORD	-1,700	-1,70
13-Nov-18	BlackRock Investment Management, LLC	on mkt sell	26.82	AUD	ORD	-807	-80
13-Nov-18	BlackRock International Limited	on mkt sell	26.81	AUD	ORD	-5,787	-5,78

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and r securities		Person's votes affected
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-9,900	-9,900
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-12,813	-12,813
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-1,673	-1,673
13-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.82	AUD	ORD	-10,699	-10,699
13-Nov-18	BlackRock Advisors, LLC	on mkt sell	26.82	AUD	ORD	-2,797	-2,797
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-8,764	-8,764
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-6,040	-6,040
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-4,472	-4,472
13-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	26.82	AUD	ORD	-2,831	-2,831
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.82	AUD	ORD	-6,348	-6,348
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.82	AUD	ORD	-4,873	-4,873
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.82	AUD	ORD	-4,505	-4,505
13-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.82	AUD	ORD	-2,940	-2,940
13-Nov-18	BlackRock Investment Management, LLC	on mkt sell	26.82	AUD	ORD	-1,200	-1,200
13-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	26.82	AUD	ORD	-2,498	-2,498
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-596	-596
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-5,230	-5,230
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.82	AUD	ORD	-11,079	-11,079
13-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	26.82	AUD	ORD	-513	-513
13-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	26.82	AUD	ORD	-7,407	-7,407
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.73	AUD	ORD	-81	-81
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.83	AUD	ORD	980	980
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.83	AUD	ORD	2,244	2,244
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.83	AUD	ORD	499	499
13-Nov-18 13-Nov-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	26.83 26.83	AUD AUD	ORD ORD	2,994 539	2,994 539
13-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	26.83	AUD	ORD	1,659	1,659
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.83	AUD	ORD	3,589	3,589
13-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,944	2,944
13-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	14	14
13-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
13-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-62	-62
13-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	42	42
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.57	AUD	ORD	-396	-396
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-37,773	-37,773
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-10,035	-10,035
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-2,703	-2,703
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-2,505	-2,505
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.56	AUD	ORD	-2,637	-2,637
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.40	AUD	ORD	-3,783	-3,783
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ORD	1,860	1,860
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ORD	5,489	5,489
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ORD	539	539
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ORD	1,400	1,400
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ORD	499	499
14-Nov-18	BlackRock Fund Advisors	on mkt buy	26.40	AUD	ORD	2,646	2,646
14-Nov-18 14-Nov-18	BlackRock Fund Advisors BlackRock Investment Management (UK)	in specie	n/a	AUD AUD	ORD ORD	4,464	4,464
	Limited	in specie	n/a			2,335	
14-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,213	9,213

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and n securities		Person's votes affected
14-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67	-67
14-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
14-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	25	25
14-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	36	36
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.69	AUD	ORD	3,020	3,020
15-Nov-18	BlackRock International Limited	on mkt sell	26.70	AUD	ORD	-2,687	-2,687
15-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.69	AUD	ORD	-1,166	-1,166
15-Nov-18	BlackRock Advisors, LLC	on mkt sell	26.69	AUD	ORD	-2,888	-2,888
15-Nov-18	BlackRock Advisors, LLC	on mkt sell	26.69	AUD AUD	ORD	-1,548	-1,548
15-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.69		ORD	-1,985	-1,985
15-Nov-18	BlackRock Advisors, LLC	on mkt sell	26.69	AUD	ORD	-541	-541
15-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.69	AUD	ORD	-7,644	-7,644
15-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	26.69	AUD	ORD	-1,662	-1,662
15-Nov-18	National Association BlackRock Financial Management, Inc.	on mkt sell	26.69	AUD	ORD	-937	-937
15-Nov-18	BlackRock Asset Management Canada	on mkt sell	26.69	AUD	ORD	-2,064	-2,064
15-Nov-18	Limited BlackRock Institutional Trust Company,	on mkt sell	26.69	AUD	ORD	-5,189	-5,189
15-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	26.69	AUD	ORD	-2,931	-2,931
	National Association					,	
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.68	AUD	ORD	6,498	6,498
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.68	AUD	ORD	502	502
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.68	AUD	ORD	1,004	1,004
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.68	AUD	ORD	1,004	1,004
15-Nov-18 15-Nov-18	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt sell	26.68 26.68	AUD AUD	ORD ORD	539 -756	-756
15-Nov-18	BlackRock Investment Management (UK)	on mkt buy	26.68	AUD	ORD	1,819	1,819
15 Nov 10	Limited	on mithuu	26.69	AUD	ORD	204	20/
15-Nov-18 15-Nov-18	BlackRock (Netherlands) B.V. BlackRock Institutional Trust Company,	on mkt buy on mkt buy	26.68 26.68	AUD	ORD	6,087	204 6,087
15-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt buy	26.68	AUD	ORD	6,614	6,614
15-Nov-18	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	26.68	AUD	ORD	-4,322	-4,322
15-Nov-18	National Association BlackRock Fund Advisors	on mkt buy	26.68	AUD	ORD	1,870	1,870
15-Nov-18	BlackRock Fund Advisors	in specie	20.00 n/a	AUD	ORD	3,348	3,348
15-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	27	27
15-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-25	-25
15-Nov-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	479	479
15-Nov-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-486	-486
16-Nov-18	Limited BlackRock Advisors, LLC	on mkt buy	26.45	AUD	ORD	7,104	7,104
16-Nov-18	BlackRock Institutional Trust Company,	on mkt buy	26.45	AUD	ORD	7,104	7,104
	National Association						
16-Nov-18	BlackRock Advisors, LLC BlackRock International Limited	on mkt buy on mkt buy	26.45 26.45	AUD AUD	ORD ORD	1,264 556	1,264
16-Nov-18 16-Nov-18	BlackRock Investment Management, LLC	on mkt buy	26.45	AUD	ORD	424	556 424
16-Nov-18	BlackRock Financial Management, Inc.	on mkt buy	26.45	AUD	ORD	2,018	2,018
16-Nov-18	BlackRock Institutional Trust Company,	on mkt buy	26.45	AUD	ORD	336	336
16-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	26.42	AUD	ORD	-1,034	-1,034
	National Association BlackRock Institutional Trust Company,	on mkt sell	26.42	AUD	ORD	-1,567	-1,567
	National Association						
16-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	26.37	AUD	ORD	-521	-521
		on mkt sell	26.42	AUD	ORD	-308	-308
16-Nov-18	BlackRock Institutional Trust Company, National Association	on miki sen	20.12				
		on mkt sell	26.42	AUD	ORD	-588	-588
16-Nov-18	National Association						-588

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ	Class and number of securities affected		Person's votes affected
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.32	AUD	ORD	79	79
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.32	AUD	ORD	-2,308	-2,308
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,900	3,900
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,840	1,840
16-Nov-18	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	33,768	33,768
16-Nov-18	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	8,805	8,805
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,805	-8,805
16-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	25	25
16-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	1	1
16-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-46	-46
16-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	13	13
19-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,455	-4,455
19-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.01	AUD	ORD	-910	-910
19-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.01	AUD	ORD	-1,908	-1,908
19-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	26.24	AUD	ORD	3,717	3,717
19-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.82	AUD	ORD	-4,191	-4,191
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.82	AUD	ORD	500	500
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.82	AUD	ORD	-2,528	-2,528
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,500	1,500
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,220	3,220
19-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	-2
19-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	41	41
19-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-83	-83
19-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	81	81
19-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-65	-65
19-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	24	24
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.46	AUD	ORD	-7,016	-7,016
20-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.46	AUD	ORD	4,005	4,005
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-2	-2
20-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.42	AUD	ORD	-3	-3
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-4	-4
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-7	-7
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.42	AUD	ORD	-3	-3
20-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.42	AUD	ORD	-9	-9
20-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	25.42	AUD	ORD	-2	-2
20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.42	AUD	ORD	-5	-5
20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.42	AUD	ORD	-2	-2
20-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.42	AUD	ORD	-1	-1
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-11	-11
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-22	-22
20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.42	AUD	ORD	-12	-12
20-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.42	AUD	ORD	-8	-8
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-82	-82
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-21	-21
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-4	-4
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.42	AUD	ORD	-3	-3
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.42	AUD	ORD	-5	-5

20-Nov-18         E           20-Nov-18         E	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc. BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, National Association	on mkt sell on mkt sell on mkt sell on mkt sell	25.42 25.42 25.42	AUD AUD	ORD	-4	-4
20-Nov-18 E 20-Nov-18 E 20-Nov-18 E 20-Nov-18 E 20-Nov-18 E	BlackRock Financial Management, Inc. BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company,	on mkt sell		AUD			
20-Nov-18 [ 20-Nov-18 ] 20-Nov-18 ] 20-Nov-18 ] 20-Nov-18 ]	BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company,		25 42		ORD	-7	-
20-Nov-18 [ 20-Nov-18 [ 20-Nov-18 [ 20-Nov-18 [	Limited BlackRock Institutional Trust Company,	on mkt sell	20.72	AUD	ORD	-6	-6
20-Nov-18			25.42	AUD	ORD	-20	-20
20-Nov-18		on mkt sell	25.42	AUD	ORD	-67	-67
1	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-12	-12
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-1	-1
I	BlackRock Investment Management (UK) Limited	on mkt sell	25.42	AUD	ORD	-1	-1
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-1	-1
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.42	AUD	ORD	-1	-1
	BlackRock Advisors (UK) Limited	on mkt sell	25.42	AUD	ORD	-1	-1
20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.42	AUD	ORD	-1	-1
	BlackRock Investment Management (UK) Limited	on mkt sell	25.42	AUD	ORD	-1	-1
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-299	-299
	BlackRock Financial Management, Inc.	on mkt sell	25.39	AUD	ORD	-290	-290
20-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.39	AUD	ORD	-491	-491
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-660	-660
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-162	-162
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-1,260	-1,260
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-168	-168
	BlackRock Advisors (UK) Limited	on mkt sell	25.39	AUD	ORD	-549	-549
	BlackRock Advisors (UK) Limited	on mkt sell	25.39	AUD	ORD	-190	-190
	BlackRock Advisors, LLC BlackRock Financial Management, Inc.	on mkt sell on mkt sell	25.39 25.39	AUD AUD	ORD ORD	-1,559 -139	-1,559 -139
	BlackRock Asset Management Canada	on mkt sell	25.39	AUD	ORD	-416	-416
	Limited BlackRock Financial Management, Inc.	on mkt sell	25.39	AUD	ORD	-942	-942
20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.39	AUD	ORD	-301	-301
20-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.39	AUD	ORD	-257	-257
20-Nov-18	BlackRock International Limited	on mkt sell	25.39	AUD	ORD	-1,051	-1,051
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.39	AUD	ORD	-210	-210
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-1,993	-1,993
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-4,029	-4,029
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-244	-244
20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.39	AUD	ORD	-2,127	-2,127
20-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.39	AUD	ORD	-1,535	-1,535
1	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-14,922	-14,922
	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-3,918	-3,918
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-801	-801
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.39	AUD	ORD	-502	-502
	BlackRock Advisors (UK) Limited	on mkt sell	25.39	AUD	ORD	-957	-957
	BlackRock Advisors (UK) Limited	on mkt sell	25.39	AUD	ORD	-739	-739
	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt sell on mkt sell	25.39 25.39	AUD AUD	ORD ORD	-1,222 -1,121	-1,222 -1,121

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and r securities		Person's votes affected
20-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	25.39	AUD	ORD	-3,726	-3,72
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-12,335	-12,33
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.39	AUD	ORD	-2,200	-2,200
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.39	AUD	ORD	-130	-130
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.38	AUD	ORD	-3,763	-3,763
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.38	AUD	ORD	2,536	2,536
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.38	AUD	ORD	539	539
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.38	AUD	ORD	177	177
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,610	1,610
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	483	483
20-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	721,796	721,796
20-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-119	-119
20-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	322	322
20-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-104	-104
20-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-150	-150
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-853	-853
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-122	-122
21-Nov-18	BlackRock Investment Management, LLC	on mkt sell	24.91	AUD	ORD	-200	-200
21-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.91	AUD	ORD	-53	-53
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-66	-66
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-513	-513
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-68	-68
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.91	AUD	ORD	-223	-223
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.91	AUD	ORD	-78	-78
21-Nov-18	BlackRock Advisors, LLC	on mkt sell	24.91	AUD	ORD	-635	-635
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.91	AUD	ORD	-57	-57
21-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	24.91	AUD	ORD	-170	-170
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.91	AUD	ORD	-383	-383
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.91	AUD	ORD	-122	-122
21-Nov-18	BlackRock Investment Management, LLC	on mkt sell	24.91	AUD	ORD	-105	-105
21-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.91	AUD	ORD	-86	-86
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-812	-812
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-1,641	-1,641
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-99	-99
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.91	AUD	ORD	-866	-866
21-Nov-18 21-Nov-18	BlackRock Advisors, LLC BlackRock Institutional Trust Company, National Association	on mkt sell on mkt sell	24.91 24.91	AUD AUD	ORD ORD	-625 -6,078	-625 -6,078
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-1,596	-1,596
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-326	-326
21-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	24.91	AUD	ORD	-204	-204
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.91	AUD	ORD	-390	-390
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.91	AUD	ORD	-301	-301
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.91	AUD	ORD	-498	-498
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.91	AUD	ORD	-457	-457

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to nge (7)	ССҮ	Class and securities	Person's votes affected	
21-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	24.91	AUD	ORD	-1,518	-1,518
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-5,025	-5,025
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.91	AUD	ORD	-896	-896
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.02	AUD	ORD	-934	-934
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-2,131	-2,131
21-Nov-18	BlackRock International Limited	on mkt sell	25.02	AUD	ORD	-3,391	-3,391
21-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.05	AUD	ORD	-26,882	-26,882
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.17	AUD	ORD	-370	-370
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.17	AUD	ORD	-370	-370
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-5,903	-5,903
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-842	-842
21-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.02	AUD	ORD	-1,385	-1,385
21-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.02	AUD	ORD	-365	-365
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-456	-456
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-3,553	-3,553
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-473	-473
21-Nov-18 21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	25.02 25.02	AUD AUD	ORD ORD	-1,546 -537	-1,546 -537
21-Nov-18	BlackRock Advisors (UK) Limited BlackRock Advisors, LLC	on mkt sell	25.02	AUD	ORD	-4,395	-4,395
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.02	AUD	ORD	-4,395 -392	-392
21-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	25.02	AUD	ORD	-1,173	-1,173
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.02	AUD	ORD	-2,654	-2,654
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.02	AUD	ORD	-847	-847
21-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.02	AUD	ORD	-725	-725
21-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.02	AUD	ORD	-592	-592
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-5,615	-5,615
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-11,355	-11,355
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-687	-687
21-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.02	AUD	ORD	-5,995	-5,995
21-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.02	AUD	ORD	-4,326	-4,326
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-42,057	-42,057
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-11,044	-11,044
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-2,257	-2,257
21-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.02	AUD	ORD	-1,414	-1,414
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.02	AUD	ORD	-2,697	-2,697
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.02	AUD AUD	ORD	-2,084	-2,084
21-Nov-18 21-Nov-18	BlackRock Advisors (UK) Limited BlackRock Financial Management, Inc.	on mkt sell on mkt sell	25.02 25.02	AUD	ORD ORD	-3,443 -3,160	-3,443
21-Nov-18	BlackRock Asset Management Canada	on mkt sell			ORD		-10,500
21-Nov-18 21-Nov-18	Limited BlackRock Institutional Trust Company,	on mkt sell	25.02	AUD	ORD	-10,500	-10,500
	National Association						
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.02	AUD	ORD	-6,199	-6,199
21-Nov-18	BlackRock Fund Advisors BlackRock Investment Management (UK)	in specie in specie	n/a	AUD	ORD	1,566	1,566
21-Nov-18	Limited	•	n/a		ORD	-16,572	-16,572
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-12,969	

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
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,453	-7,45
21-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-26,820	-26,82
21-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-55,643	-55,64
21-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	672	67
21-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	201	20
21-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-875	-87
21-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	74	74
22-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.86	AUD	ORD	-5,761	-5,76
22-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	25.81	AUD	ORD	7,380	7,38
22-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.06	AUD	ORD	8,355	8,35
22-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	8,930	8,93
22-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	2	0,00
22-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-526	-52
22-Nov-18	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	321	32
22-Nov-18	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-21	-2
	Limited						
23-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	362,447	362,44
23-Nov-18 23-Nov-18	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD AUD	ORD ORD	3,906	3,90 -22,51
20-110-10	National Association	in specie	n/a	AUD	OND	-22,510	-22,51
23-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-92,929	-92,92
23-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-153	-15
23-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-383	-38
23-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	214	21
23-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	516	51
23-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-250	-25
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.74	AUD	ORD	-1,314	-1,31
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.74	AUD	ORD	-1,410	-1,41
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.74	AUD	ORD	135	13
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.74	AUD	ORD	-584	-58
26-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.74	AUD	ORD	-38,559	-38,55
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.74	AUD	ORD	5,448	5,44
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.74	AUD	ORD	-9,470	-9,47
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	25.74	AUD	ORD	11,294	11,29
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.74	AUD	ORD	-1,824	-1,82
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,000	13,00
26-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-254,671	-254,67
26-Nov-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-234,071	-294,07
26-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-291	-29
	BlackRock Investment Management (UK)			AUD			-126,75
26-Nov-18	Limited		n/a		ORD	-126,759	
26-Nov-18	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-1,552	-1,55
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.95	AUD	ORD	1,993	1,99
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-709	-70
27-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.84	AUD	ORD	-1,713	-1,71
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-410	-41
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-2,868	-2,86
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.84	AUD	ORD	-1,449	-1,44
27-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	25.84	AUD	ORD	-1,127	-1,12
27-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	25.84	AUD	ORD	-406	-40
-	BlackRock Japan Co., Ltd.	on mkt sell	25.84	AUD	ORD	-536	-53
27-Nov-18	Diacki tock Japan Co., Ltd.						
27-Nov-18 27-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	25.84	AUD	ORD	-545	-54
	•			AUD AUD	ORD ORD	-545 -10,354	-54 -10,35

ate of Change	Person whose relevant interest changed	Consideration	of change (6) / given in relation to ange (7)	ССҮ	Class and r securities		Person's votes affected
27-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	25.84	AUD	ORD	-890	-89
27-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.84	AUD	ORD	-2,716	-2,71
27-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.84	AUD	ORD	-899	-89
27-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.84	AUD	ORD	-485	-48
27-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.84	AUD	ORD	-417	-41
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-2,523	-2,52
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-10,505	-10,50
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-614	-61
27-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.84	AUD	ORD	-5,949	-5,94
27-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.84	AUD	ORD	-2,746	-2,74
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-28,484	-28,48
27-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	25.84	AUD	ORD	-7,145	-7,14
27-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	25.84	AUD	ORD	-2,253	-2,2
27-Nov-18	National Association BlackRock Investment Management (UK) Limited	on mkt sell	25.84	AUD	ORD	-1,018	-1,0
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.84	AUD	ORD	-2,702	-2,7
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.84	AUD	ORD	-2,079	-2,0
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.84	AUD	ORD	-2,837	-2,8
27-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.84	AUD	ORD	-2,577	-2,5
27-Nov-18	BlackRock Investment Management, LLC	on mkt sell	25.84	AUD	ORD	-526	-5
27-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	25.84	AUD	ORD	-6,750	-6,7
27-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	25.84	AUD	ORD	-719	-7
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-20,912	-20,9
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-5,750	-5,7
27-Nov-18	BlackRock Investment Management (UK)	on mkt sell	25.84	AUD	ORD	-402	-4
27-Nov-18	Limited BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-366	-3
27-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	25.84		ORD	-330	-3
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.84	AUD	ORD	-330 -310	-3
27-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	25.94	AUD	ORD	-1,286	-1,2
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.94	AUD	ORD	-3,204	-3,2
27-Nov-18	BlackRock International Limited	on mkt sell	25.94	AUD	ORD	-3,839	-3,8
27-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	25.98	AUD	ORD	-6,403	-6,4
27-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	26.15	AUD	ORD	7,220	7,2
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.96	AUD	ORD	-175	-1
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.96	AUD	ORD	-8,098	-8,0
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.15	AUD	ORD	-1,267	-1,2
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.15	AUD	ORD	-1,520	-1,5
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	26.15	AUD	ORD	-17,216	-17,2
27-Nov-18 27-Nov-18	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell on mkt sell	26.15 26.15	AUD AUD	ORD ORD	-1,599 -12,406	-1,5 -12,4
27-Nov-18	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,200	1,2
27-Nov-18	BlackRock Japan Co., Ltd.	collateral transfe		AUD	ORD	-8,884	-8,8
27-Nov-18	BlackRock Advisors (UK) Limited	collateral transfe		AUD	ORD	-5,621	-5,6
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.14	AUD	ORD	-1,226	-1,2
28-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	26.14	AUD	ORD	-9,686	-9,6

ate of Change	Person whose relevant interest changed	Considerat	re of change (6) / ion given in relation to change (7)	ССҮ	Class and r securities		Person's votes affected
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.14	AUD	ORD	-3,020	-3,02
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.14	AUD	ORD	-4,883	-4,883
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	26.09	AUD	ORD	-15,010	-15,01
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.04	AUD	ORD	-19,957	-19,95
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.04	AUD	ORD	-3,206	-3,20
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	26.04	AUD	ORD	-3,174	-3,17
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	26.11	AUD	ORD	945	94
28-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	26.11	AUD	ORD	1,728	1,72
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,850	2,850
28-Nov-18	BlackRock Japan Co., Ltd.	collateral tran	sfer n/a	AUD	ORD	5,622	5,622
29-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.38	AUD	ORD	-1,691	-1,691
29-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	25.38	AUD	ORD	-9,998	-9,998
29-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	25.38	AUD	ORD	-1,915	-1,915
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	25.44	AUD	ORD	3,807	3,80
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	25.44	AUD	ORD	-1,168	-1,168
29-Nov-18	BlackRock Advisors, LLC	on mkt sell	25.44	AUD	ORD	-26,313	-26,313
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,348	3,348
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	784
29-Nov-18	BlackRock Japan Co., Ltd.	collateral tran	sfer n/a	AUD	ORD	-27,902	-27,902
30-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	2,500	2,500
30-Nov-18	BlackRock Asset Management North Asia Limited	on mkt buy	24.74	AUD	ORD	4,864	4,864
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.10	AUD	ORD	-1,989	-1,989
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	24.02	AUD	ORD	-1,563	-1,563
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.02	AUD	ORD	-3,154	-3,154
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	24.02	AUD	ORD	-13,745	-13,745
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	24.02	AUD	ORD	-3.372	-3,372
30-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.02	AUD	ORD	-4,308	-4,308
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.02	AUD	ORD	-1,978	-1,978
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.02	AUD	ORD	-11,516	-11,516
30-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.02	AUD	ORD	-6,919	-6,919
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	24.02	AUD	ORD	-3,327	-3,327
30-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	24.02	AUD	ORD	-42,631	-42,631
30-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	24.02	AUD	ORD	-9,095	-9,095
30-Nov-18	National Association BlackRock Institutional Trust Company,	on mkt sell	24.02	AUD	ORD	-3,588	-3,588
	National Association BlackRock Investment Management (UK)						
30-Nov-18	Limited	on mkt sell	24.02	AUD	ORD	-1,586	-1,586
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.02	AUD	ORD	-1,483	-1,483
30-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	24.02	AUD	ORD	-2,818	-2,818
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	24.02	AUD	ORD	-9,471	-9,47′
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.02	AUD	ORD	-28,612	-28,612
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.02	AUD	ORD	-3,947	-3,947
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	24.02	AUD	ORD	-425	-425
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	24.02	AUD	ORD	-1,450	-1,450
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	24.02	AUD	ORD	-1,430	-1,430
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	24.02	AUD	ORD	-600	-600
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	24.02	AUD	ORD	-720	-720
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	24.02	AUD	ORD	-730	-730

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / n given in relation to nange (7)	ССҮ	Class and securities		Person's votes affected
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	24.02	AUD	ORD	-639	-63
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	24.02	AUD	ORD	-1,132	-1,13
30-Nov-18	BlackRock Institutional Trust Company,	on mkt sell	24.02	AUD	ORD	-1,326	-1,32
	National Association					.,	.,
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	24.02	AUD	ORD	-4,613	-4,61
30-Nov-18	BlackRock International Limited	on mkt sell	24.02	AUD	ORD	-2,844	-2,84
30-Nov-18	BlackRock Asset Management North Asia Limited	on mkt buy	24.23	AUD	ORD	628	62
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-418	-41
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-752	-75
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	24.12	AUD	ORD	164,867	164,86
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-1,184	-1,18
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	23.66	AUD	ORD	-1,934	-1,934
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.66	AUD	ORD	-5,371	-5,37
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-1,762	-1,76
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.66	AUD	ORD	-1,836	-1,83
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	33,681	33,68
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	23.66	AUD	ORD	689	68
30-Nov-18	BlackRock International Limited	on mkt buy	23.66	AUD	ORD	3,130	3,13
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	23.66	AUD	ORD	-1,142	-1,14
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	23.66	AUD	ORD	-728	-72
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	326	32
30-Nov-18	BlackRock Fund Advisors	on mkt buy	23.66	AUD	ORD	6,625	6,62
30-Nov-18	BlackRock Fund Advisors	on mkt sell	23.66	AUD	ORD	-5,580	-5,58
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-8,456	-8,45
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-6,248	-6,24
30-Nov-18	BlackRock Fund Advisors	on mkt buy	23.66	AUD	ORD	3,108	3,10
30-Nov-18	BlackRock Fund Advisors	on mkt sell	23.66	AUD	ORD	-10,044	-10,04
30-Nov-18	BlackRock Fund Advisors	on mkt sell	23.66	AUD	ORD	-714	-71
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	9,361	9,36
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-5,202	-5,20
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.66	AUD	ORD	2,176	2,17
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.66	AUD	ORD	-125	-12
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-5,384	-5,38
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	23.66	AUD	ORD	-3,399	-3,39
30-Nov-18	BlackRock Fund Advisors	on mkt sell	23.66	AUD	ORD	-2,477	-2,47
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.66	AUD	ORD	-12,271	-12,27
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-4,027	-4,02
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	23.66	AUD	ORD	-2,608	-2,60
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	23.66	AUD	ORD	-1,663	-1,66
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-19,321	-19,32
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	23.66	AUD	ORD	-14,274	-14,27
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.66	AUD	ORD	-284	-28
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.66	AUD	ORD	-12,299	-12,29
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.66	AUD	ORD	2,170	2,17
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	23.66	AUD	ORD	6,785	6,78
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	23.66	AUD	ORD	3,935	3,93
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.66	AUD	ORD	7,010	7,01
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.66	AUD	ORD	13,508	13,508
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	23.66	AUD	ORD	33,339	33,339

Date of Change	Person whose relevant interest changed	Nature of ch Consideration give change	en in relation to	ССҮ	Class and securities		Person's votes affected
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.66	AUD	ORD	-651	-65
30-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-580,094	-580,09
03-Dec-18	BlackRock Fund Advisors	on mkt buy	23.75	AUD	ORD	740	74
03-Dec-18	BlackRock Investment Management, LLC	on mkt buy	23.75	AUD	ORD	941	94
03-Dec-18	BlackRock Institutional Trust Company,	on mkt sell	24.14	AUD	ORD	-543	-54
	National Association						
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-58,321	-58,32
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	24.19	AUD	ORD	42,095	42,09
03-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,125	1,12
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	23.69	AUD	ORD	3,138	3,13
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt sell	23.63	AUD	ORD	-3,857	-3,85
04-Dec-18	BlackRock Institutional Trust Company,	on mkt sell	23.64	AUD	ORD	-2,534	-2,53
04-Dec-18	National Association BlackRock Institutional Trust Company,	on mkt sell	23.63	AUD	ORD	-1,141	-1,14
	National Association						
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.63	AUD	ORD	-4,068	-4,06
04-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	23.64	AUD	ORD	-4,385	-4,38
04-Dec-18	BlackRock Advisors, LLC	on mkt sell	23.63	AUD	ORD	-15,268	-15,26
04-Dec-18	BlackRock Advisors, LLC	on mkt sell	23.63	AUD	ORD	-3,981	-3,98
04-Dec-18	BlackRock International Limited	on mkt sell	23.63	AUD	ORD	-2,555	-2,55
	BlackRock Institutional Trust Company,	on mkt sell	23.63	AUD	ORD	-10,620	-10,62
04-Dec-18	National Association BlackRock Financial Management, Inc.	on mkt sell	23.63	AUD	ORD	-5,867	-5,86
						,	
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.63	AUD	ORD	-46,142	-46,14
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.63	AUD	ORD	-9,734	-9,73
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	23.63	AUD	ORD	-1,192	-1,19
04-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	23.63	AUD	ORD	-3,599	-3,59
04-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	23.63	AUD	ORD	-9,872	-9,87
04-Dec-18	BlackRock Institutional Trust Company,	on mkt sell	23.63	AUD	ORD	-31,623	-31,62
04-Dec-18	National Association BlackRock Institutional Trust Company,	on mkt sell	23.63	AUD	ORD	-2,828	-2,82
04-Dec-18	National Association BlackRock Investment Management, LLC	on mkt sell	23.63	AUD	ORD	-1,103	-1,1(
						-	
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	23.63	AUD	ORD	-1,048	-1,04
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	23.63	AUD	ORD	-583	-58
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt sell	23.63	AUD	ORD	-1,052	-1,0
04-Dec-18	BlackRock Advisors, LLC	on mkt sell	23.64	AUD	ORD	-2,018	-2,0
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	23.64	AUD	ORD	194	
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	23.64	AUD	ORD	-1,245	-1,2
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	23.64	AUD	ORD	210	2
	BlackRock Investment Management (UK) Limited	on mkt sell	23.64	AUD	ORD	-15,225	-15,2
04-Dec-18	BlackRock Fund Advisors	on mkt buy	23.64	AUD	ORD	3,597	3,5
04-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	23.64	AUD	ORD	838	8
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,069	3,0
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,760	2,7
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	984	9
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,016	-2,0
	BlackRock Investment Management (UK)	on mkt sell	23.02	AUD	ORD	-4,171	-4,1
05-Dec-18	Limited BlackRock Institutional Trust Company,	on mkt sell	22.76	AUD	ORD	-949	-9
05-Dec-18	National Association BlackRock Institutional Trust Company,	on mkt sell	22.76	AUD	ORD	-3,544	-3,5
	National Association						
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	22.60	AUD	ORD	-1,801	-1,80
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	22.60	AUD	ORD	-11,870	-11,87

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
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	22.60	AUD	ORD	-2,718	-2,718
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	22.60	AUD	ORD	-3,764	-3,764
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	22.60	AUD	ORD	-2,934	-2,934
05-Dec-18	BlackRock Fund Advisors	on mkt buy	22.61	AUD	ORD	26,964	26,964

07-Dec-18 Maria Tricarico, Date

4. Details of present registered holders

Authorised Signatory

		Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
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	28,654	28,654	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	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	7,472	7,472	Subsidiary of BlackRock, Inc.
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	76,562	76,562	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	3,441	3,441	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	967,257	967,257	Subsidiary of BlackRock, Inc.
BlackRock Advisors (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	527,314	527,314	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	46,686	46,686	Subsidiary of BlackRock, Inc.
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	659,947	659,947	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	34,599	34,599	Subsidiary of BlackRock, Inc.

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 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	37,253	37,253	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	2,500	2,500	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	1,336,828	1,336,828	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	14,883	14,883	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	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	96,057	96,057	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	183,347	183,347	Subsidiary of BlackRock, Inc.
BlackRock Advisors, 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	77,091	77,091	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	419,171	419,171	Subsidiary of BlackRock, Inc.
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	124,044	124,044	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	5,887	5,887	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	RBC-ROYAL TRUST - TORONTO		Power to 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	12,288	12,288	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	4,251	4,251	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	345,494	345,494	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	23,349	23,349	Subsidiary of BlackRock, Inc.

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 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	466,050	466,050	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	141,835	141,835	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	2,466	2,466	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	897	897	Subsidiary of BlackRock, Inc.
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	16,410	16,410	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	235,771	235,771	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	23,360	23,360	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	79,954	79,954	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	770,498	770,498	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	444,655	444,655	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	SSB-STATE STREET BANK & TRUST TORONTO		Power to 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	4,924	4,924	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	81,490	81,490	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	22,756	22,756	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	7,483,348	7,483,348	Subsidiary of BlackRock, Inc.

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	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	883,249	883,249	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	41,629	41,629	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	8,877,801	8,877,801	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	91,563	91,563	Subsidiary of BlackRock, Inc.
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	210,727	210,727	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	RBC-ROYAL TRUST - TORONTO		Power to 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	6,769	6,769	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	15,821	15,821	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	712,908	712,908	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	53,448	53,448	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	12,693	12,693	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	54,749	54,749	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	64,628	64,628	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	184,586	184,586	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	205,862	205,862	Subsidiary of BlackRock, Inc.

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 (Australia) Limited	HSBC-HSBC 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	535,827	535,827	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	1,769,853	1,769,853	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	2,073,519	2,073,519	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	491,371	491,371	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 as investment manager or trustee.	ORD	181,622	181,622	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	247,149	247,149	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	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	36,625	36,625	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LUX		Power to 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	3,518	3,518	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	248,865	248,865	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	319,316	319,316	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	12,397	12,397	Subsidiary of BlackRock, Inc.
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	417,536	417,536	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CREDIT SUISSE (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	24,050	24,050	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	445,307	445,307	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		number of urities	Person's votes	Nature of Association
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	47,238	47,238	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	3,800	3,800	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	87,208	87,208	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	37,779	37,779	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	709,260	709,260	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	38,303	38,303	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) 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	138,023	138,023	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	23,182	23,182	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	219,100	219,100	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	20,468	20,468	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	40,614	40,614	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	173,198	173,198	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	365,374	365,374	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	364,408	364,408	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		l number of urities	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	26,556	26,556	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	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	5,784	5,784	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	47,003	47,003	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, 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	30,003	30,003	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	UNION 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	15,587	15,587	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	18,403	18,403	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	9,670	9,670	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	393,028	393,028	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	117,848	117,848	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	67,544	67,544	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	7,255	7,255	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	203,147	203,147	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	419,968	419,968	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		l number of urities	Person's votes	Nature of Association
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 held in its capacity as investment manager.	ORD	38,381	38,381	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET AUSTRALIA		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	239,505	239,505	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	1,521,507	1,521,507	Subsidiary of BlackRock, Inc.

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

	07-Dec-18
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
Diackrook inc.	New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor
	Amstelplein
	Amsterdam Netherlands
BlackRock (Singapore) Limited	20 Anson Road #18-01
	079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue.
	London, EC2N 2DL,
	United Kingdom
BlackRock Advisors, LLC	1209 Orange Street,
	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500
	Toronto, Ontario M5J 2S1 Canada
Plack Dool Acout Management North Acia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower,
BlackRock Asset Management North Asia Limited	3 Garden Road, Central, Hong Kong
BlackRock Capital Management, Inc.	1209 Orange Street.
Diackrock Capital Management, inc.	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Financial Management, Inc.	1209 Orange Street,
Diasia contributional managoment, men	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street
	San Francisco, CA, 94105
	United States
BlackRock Institutional Trust Company, National	1225 17th Street,
Association	Suite 300,
	Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One,
	1 Semple Street,
	Edinburgh, EH3 8BL,
	United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street
	Melbourne VIC 3000 Australia (Victoria, Australia)
Plack Pack Investment Management (LIK) Limited	
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL
	United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street,
Elasti test involution management, EEO	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main,
, ,	1-8-3 Marunouchi,
	Chiyoda-ku, Tokyo 100-8217 (Japan)

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

	07-Dec-18
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 ARISTOCRAT LEISURE LTD or the Australian Securities and Investments Commission upon request.