## **Form 604**

Corporations Act 2001 Section 671B

# Notice of change of interests of substantial holder

To Company Name/Scheme ORICA LTD

ACN/ARSN 004 145 868

#### 1. Details of substantial holder(1)

Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures

ACN/ARSN (if applicable) to this form)

There was a change in the interests of the

#### 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 Person's votes Voting power (5)		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ord	22,871,889	6.01	29,020,280	7.17

## 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)	Nature 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:

Name	Address
Annexure C	

## Signature

print name Maria Tricarico

Capacity \*Authorised Signatory

sign here

date 16 / 03 /2020

#### 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 Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The 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 Act 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, becom'e entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

<sup>\*</sup> 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.

16-Mar-20

Maria Tricarico, Authorised Signatory

Date

## 5. Consideration

		ORICA LTD	(ORI)				
Date of Change	Person whose relevant interest changed	Nature of change (6) / rest Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
13-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.07	AUD	ORD	-2,949	-2,94
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.04	AUD	ORD	-21,412	-21,41
13-Mar-19	BlackRock Investment Management, LLC	on mkt buy	18.08	AUD	ORD	885	88
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.05	AUD	ORD	1,378	1,37
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.05	AUD	ORD	1,060	1,06
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.05	AUD	ORD	844	84
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,160	1,16
13-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-8	-
13-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-255	-25
13-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-105,700	-105,70
13-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,067	-3,06
13-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,141	5,14
13-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,779	-1,77
14-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.13	AUD	ORD	-4,813	-4,81
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,688	1,68
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	540	54
14-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	4	
14-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	276	27
14-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-82,478	-82,47
14-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	112	11
14-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,221	-1,22
14-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-784	-78
14-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,626	1,62
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	3,380	3,38
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	420	42
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	18.14	AUD	ORD	-720	-72
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	1,690	1,69
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.14	AUD	ORD	3,311	3,31
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	18.14	AUD	ORD	-28,017	-28,01
15-Mar-19	BlackRock Investment Management (UK)	on mkt buy	18.14	AUD	ORD	8,447	8,44
15-Mar-19	Limited  BlackRock Institutional Trust Company, National Association	on mkt buy	18.14	AUD	ORD	66,999	66,99
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.14	AUD	ORD	-4,382	-4,38
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.14	AUD	ORD	-1,181	-1,18
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.14	AUD	ORD	-11,340	-11,34
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.14	AUD	ORD	3,024	3,02
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.14	AUD	ORD	1,111	1,11
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,100	-21,10
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,950	15,95
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,064	-5,06
15-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	33	3

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
15-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-50	-50
15-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,695	12,695
15-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	3,392	3,392
15-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-12,085	-12,085
15-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,407	6,407
15-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,345	2,345
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,440	-8,440
18-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-4	-4
18-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	300	300
18-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-22,549	-22,549
18-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,879	1,879
18-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,125	-2,125
18-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-603	-603
18-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	580	580
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.04	AUD	ORD	-4,417	-4,417
19-Mar-19	BLACKROCK ADVISORS, LLC	on mkt sell	18.05	AUD	ORD	-2,958	-2,958
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	18.05	AUD	ORD	-981	-981
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.05	AUD	ORD	-1,416	-1,416
19-Mar-19	BLACKROCK ADVISORS, LLC	on mkt sell	18.05	AUD	ORD	-3,441	-3,441
19-Mar-19	BlackRock International Limited	on mkt sell	18.05	AUD	ORD	-627	-627
19-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.05	AUD	ORD	-5,200	-5,200
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.05	AUD	ORD	-772	-772
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	4,330	4,330
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	18.04	AUD	ORD	-2,190	-2,190
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.04	AUD	ORD	315	315
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.04	AUD	ORD	1,684	1,684
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.04	AUD	ORD	1,786	1,786
19-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	18.04	AUD	ORD	-218	-218
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.04	AUD	ORD	-3,833	-3,833
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,320	1,320
19-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	41	41
19-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-192	-192
19-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-90,611	-90,611
19-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,094	2,094
19-Mar-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	-3,977	-3,977
19-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,044	4,044
19-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,001	-2,001
20-Mar-19	BlackRock Investment Management, LLC	on mkt buy	18.21	AUD	ORD	918	918
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.57	AUD	ORD	-1,803	-1,803
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.57	AUD	ORD	-1,882	-1,882
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.54	AUD	ORD	894	894
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.50	AUD	ORD	735	735
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,770	-14,770
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,600	11,600
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-812	-812
20-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,277	-5,277
20-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-33	-33
20-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-573	-573
20-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	73,956	73,956

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
20-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,338	-1,338
20-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,073	3,073
20-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-501	-50°
20-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-657	-657
21-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.48	AUD	ORD	-3,622	-3,622
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.51	AUD	ORD	945	94
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.51	AUD	ORD	496	49
21-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.51	AUD	ORD	-40,358	-40,35
21-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	461	46
21-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-593	-59
21-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-84,509	-84,50
21-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,980	2,98
21-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,102	-4,102
21-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,935	6,93
21-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,267	-4,26
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.62	AUD	ORD	1,040	1,04
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.56	AUD	ORD	366	36
22-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.56	AUD	ORD	-283	-28
22-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.56	AUD	ORD	2,866	2,86
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,22
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-812	-81
22-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-128	-12
22-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,203	1,20
22-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-83,552	-83,55
22-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,346	1,34
22-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,765	-9,76
22-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,929	2,92
22-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,414	4,41
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.30	AUD	ORD	2,682	2,68
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.30	AUD	ORD	165	16
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,440	10,44
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,770	3,77
25-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	36	3
25-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	126,967	126,96
25-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,665	-1,66
25-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,920	6,92
25-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,565	-5,56
25-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-897	-89
26-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.20	AUD	ORD	-3,700	-3,70
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.20	AUD	ORD	-4,456	-4,45
26-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-24	-2
26-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-610	-610
26-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-126,967	-126,967
26-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,730	-1,73
26-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,568	-4,56
26-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	183,841	183,84
26-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-792	-792

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.07	AUD	ORD	-625	-62
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.08	AUD	ORD	-1,221	-1,221
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.10	AUD	ORD	330	330
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,803	-1,803
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,803	1,803
27-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,688	-1,688
27-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	45	45
27-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	366	366
27-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	308,607	308,607
27-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,913	-1,913
27-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,370	4,370
27-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,444	-5,444
27-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,891	1,891
28-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.09	AUD	ORD	-2,598	-2,598
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.16	AUD	ORD	894	894
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.13	AUD	ORD	2,682	2,682
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.16	AUD	ORD	372	372
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.16	AUD	ORD	846	846
28-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-67	-67
28-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer		AUD	ORD		-686
	• • •		n/a			-686	
28-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,762	-62,762
28-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-370	-370
28-Mar-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	-7,003	-7,003
28-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-165,661	-165,661
28-Mar-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-2,329	-2,329
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	27,349	27,349
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.63	AUD	ORD	-862	-862
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.63	AUD	ORD	-82,986	-82,986
29-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.63	AUD	ORD	6,456	6,456
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.63	AUD	ORD	-2,870	-2,870
29-Mar-19	BlackRock Fund Advisors	on mkt buy	17.63	AUD	ORD	2,709	2,709
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,760	1,760
29-Mar-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	94	94
29-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	590	590
29-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	89,305	89,305
29-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-546	-546
29-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	8,076	8,076
29-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,097	-13,097
29-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,822	3,822
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.83	AUD	ORD	867	867
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.83	AUD	ORD	1,734	1,734
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.83	AUD	ORD	-4,360	-4,360
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.83	AUD	ORD	-564	-564
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.83	AUD	ORD	10,073	10,073
01-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,600	3,600
01-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	78	78
01-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-583	-583
01-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	265,765	265,765
01-Apr-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	875	875
	MANAGEMENT, INC.					- <b>-</b>	

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
01-Apr-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	9,367	9,367
01-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,507	-4,507
01-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,231	-5,231
02-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.81	AUD	ORD	-12,252	-12,252
02-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.81	AUD	ORD	-1,492	-1,492
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.77	AUD	ORD	895	895
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.77	AUD	ORD	867	867
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.77	AUD	ORD	-11,335	-11,335
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.77	AUD	ORD	332	332
02-Apr-19 02-Apr-19	BlackRock Advisors (UK) Limited BlackRock Fund Advisors	on mkt buy in specie	17.77 n/a	AUD AUD	ORD ORD	1,620 880	1,620 880
02-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-163	-163
02-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	515,394	515,394
02-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-201,088	-201,088
02-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,394	1,394
02-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,181	1,181
02-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,149	-3,149
02-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-238	-238
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.12	AUD	ORD	-346	-346
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.11	AUD	ORD	-4,091	-4,091
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.10	AUD	ORD	2,165	2,165
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.10	AUD	ORD	-8,037	-8,037
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.10	AUD	ORD	315	315
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.10	AUD	ORD	2,887	2,887
03-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	18.10	AUD	ORD	2,751	2,751
03-Apr-19	BlackRock Investment Management, LLC	on mkt sell	18.10	AUD	ORD	-6,650	-6,650
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,091	5,091
03-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-149	-149
03-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-29,402	-29,402
03-Apr-19 03-Apr-19	BlackRock Advisors (UK) Limited BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer collateral transfer	n/a n/a	AUD	ORD ORD	-161,638 -1,710	-161,638 -1,710
03-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,157	-2,157
03-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,231	5,231
03-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	282	282
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.01	AUD	ORD	-21,109	-21,109
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.02	AUD	ORD	3,464	3,464
04-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.02	AUD	ORD	2,982	2,982
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.02	AUD	ORD	1,114	1,114
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.02	AUD	ORD	1,669	1,669
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.02	AUD	ORD	1,790	1,790
04-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	10,461	10,461
04-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	128	128
04-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-85,146	-85,146
04-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-238,190	-238,190

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
04-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	9,954	9,954
04-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,127	-4,127
04-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	295,986	295,986
04-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,519	-2,519
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.11	AUD	ORD	212	212
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.11	AUD	ORD	-147	-147
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,210	-23,210
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,091	5,091
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,788	6,788
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,100	2,100
05-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	1,042	1,042
05-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-155,851	-155,851
05-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	323,747	323,747
05-Apr-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	102	102
05-Apr-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,069	-1,069
0F Apr 10	Plack Pook Investment Management (IIII)	colleteral transfer	n/o	ALID	ODD	202 447	202 447
05-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-303,447	-303,447
05-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,927	3,927
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.26	AUD	ORD	2,682	2,682
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.26	AUD	ORD	-205	-205
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,056	1,056
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,605	-11,605
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,150	10,150
08-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	313	313
08-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-130,348	-130,348
08-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	27,803	27,803
08-Apr-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-3,492	-3,492
08-Apr-19	MANAGEMENT, INC.  BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,909	6,909
08-Apr-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,945	-3,945
08-Apr-19	Limited  BlackRock Asset Management North Asia		n/a	AUD	ORD	-96	-96
	Limited						
09-Apr-19	BlackRock Investment Management (UK) Limited		18.28	AUD	ORD	-37,055	-37,055
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.26	AUD	ORD	-12,597	-12,597
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.24	AUD	ORD	1,299	1,299
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.24	AUD	ORD	-213	-213
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.24	AUD	ORD	847	847
09-Apr-19	BLACKROCK ADVISORS, LLC	on mkt sell	18.24	AUD	ORD	-24,910	-24,910
09-Apr-19	BlackRock International Limited	on mkt sell	18.24	AUD	ORD	-9,551	-9,551
09-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-1,122	-1,122
09-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-44,906	-44,906
09-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	114,619	114,619
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,690	-1,690
09-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,013	4,013
09-Apr-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	2,757	2,757
09-Apr-19	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-3,249	-3,249
•	Limited						
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.24	AUD	ORD	-967	-967
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.34	AUD	ORD	1,173	1,173
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.24	AUD	ORD	-4,971	-4,971
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.23	AUD	ORD	-212	-212
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.23	AUD	ORD	847	847
10-Api-19	\- /	,	-				
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.23	AUD	ORD	-3,472	-3,472
•	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	18.23 18.23	AUD AUD	ORD ORD	-3,472 -847	-3,472 -847

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY		Class and number of securities affected	
10-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-16,546	-16,546
10-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,176	2,176
10-Apr-19	BLACKROCK FINANCIÁL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,483	2,483
10-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,390	-4,390
10-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,660	-1,660
10-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,688	2,688
11-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.20	AUD	ORD	-8,840	-8,840
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.22	AUD	ORD	-867	-867
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.22	AUD	ORD	-124	-12
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,994	2,99
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,485	8,48
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,970	14,970
11-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	894	894
<u>.</u>	•						
11-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-35,620	-35,620
11-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-436,184	-436,184
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	4,420	4,420
11-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,263	-1,263
11-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,863	-3,860
11-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	88	88
12-Apr-19	BlackRock Fund Advisors	on mkt buy	18.38	AUD	ORD	5,757	5,75
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.48	AUD	ORD	847	84
12-Apr-19	BlackRock Fund Advisors	•	n/a	AUD	ORD	8,410	8,41
· · · · · · · · · · · · · · · · · · ·		in specie					
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,495	-9,49
12-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-805	-80
12-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,320	-18,320
12-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2,209	-2,209
12-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,920	2,920
12-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,209	5,209
12-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,556	-4,556
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.48	AUD	ORD	2,538	2,538
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.48	AUD	ORD	-1,732	-1,732
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.48	AUD	ORD	-423	-423
	BlackRock Fund Advisors			AUD	ORD	4,358	
15-Apr-19		on mkt buy	18.48		ORD		4,358
15-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD		6,052	6,052
15-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,149	-4,14
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,211	-2,21°
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,211	2,21
15-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	423	423
15-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	35,356	35,35
15-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	837	83
15-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-81	-8
15-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	309	309
15-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-634	-634
16-Apr-19	BlackRock Investment Management	on mkt sell	18.64	AUD	ORD	-5,554	-5,55
16 ^~~ 10	(Australia) Limited	on mkt huur	10.65	ALID	ODD	0.47	0.4
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.65	AUD	ORD	847	84
40 ^ 17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,600	11,60
16-Apr-19		in specie	n/a	AUD	ORD	3,026	3,02
16-Apr-19	BlackRock Fund Advisors	· · · · · · · · · · · · · · · · · · ·					
16-Apr-19 16-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-350	-35
16-Apr-19 16-Apr-19 16-Apr-19	BLACKROCK ADVISORS, LLC BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-350 -34,057	
16-Apr-19 16-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer					-35 <sub>0</sub>

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
16-Apr-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	4,759	4,759
16-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,865	-5,865
16-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,098	3,098
17-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.54	AUD	ORD	-32,671	-32,671
17-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.54	AUD	ORD	-48,267	-48,267
17-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.54	AUD	ORD	-10,183	-10,183
17-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.54	AUD	ORD	-11,852	-11,852
17-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.53	AUD	ORD	-3,935	-3,935
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.50	AUD	ORD	4,220	4,220
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.50	AUD	ORD	1,688	1,688
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.50	AUD	ORD	-423	-423
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.50	AUD	ORD	27,604	27,604
17-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-365	-365
17-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	927	927
17-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	42,596	42,596
17-Apr-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-480	-480
17-Apr-19	MANAGEMENT, INC.  BlackRock Investment Management, LLC		n/a	AUD	ORD	743	743
17-Apr-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-367	-367
17-Apr-19	Limited  BlackRock Asset Management North Asia		n/a	AUD	ORD	-459	-459
18-Apr-19	Limited  BlackRock Institutional Trust Company,	on mkt sell	18.66	AUD	ORD	-838	-439
18-Apr-19	National Association  BlackRock Investment Management	on mkt sell	18.66	AUD	ORD	-2,524	-2,524
18-Apr-19	(Australia) Limited  BlackRock Institutional Trust Company,	on mkt sell	18.66	AUD	ORD	-5,146	-5,146
18-Apr-19	National Association  BlackRock Institutional Trust Company,	on mkt sell	18.66	AUD	ORD	-1,190	-1,190
18-Apr-19	National Association  BlackRock Institutional Trust Company,	on mkt sell	18.66	AUD	ORD	-2,584	-2,584
18-Apr-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	18.71	AUD	ORD	2,973	2,973
18-Apr-19	National Association  BLACKROCK FINANCIAL	on mkt sell	18.71	AUD	ORD	-1,547	-1,547
18-Apr-19	MANAGEMENT, INC. BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	8	8
18-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,140	1,140
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	238	238
18-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,561	-1,561
18-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,644	-2,644
18-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,818	2,818
19-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	9	9
19-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,785	-1,785
19-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	170	170
19-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	530	530
19-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-265	-265
19-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,341	1,341
22-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	152	152
22-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-599	-599
22-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-61	-61
22-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,359	1,359

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22-Apr-19	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
22-April	22-Apr-19	•	collateral transfer	n/a	AUD	ORD	1,131	1,131
23 Apr   19   BlackRock Frowsment Management   In specie   n/a   AUD   ORD   31,609   51	22-Apr-19	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-1,982	-1,982
23-Apr-19   BlackRock Institutional Trust Company, on mixt sell   18.95   AUD   ORD   -18.598   -18	23-Apr-19	BlackRock Investment Management	in specie	n/a	AUD	ORD	91,609	91,609
Caustralia Jurnitud	23-Apr-19	BlackRock Fund Advisors	on mkt buy	18.84	AUD	ORD	32,461	32,461
National Association   National Association	23-Apr-19		on mkt sell	18.95	AUD	ORD	-18,598	-18,598
23-Apr-19   BlackRock Institutional Trust Company, on mixt sell   18.95   AUD   ORD   -2.274   -2.	23-Apr-19		on mkt sell	18.95	AUD	ORD	-13,314	-13,314
22-Apr-19   BlackRock Asset Management Canada   18.95   AUD   ORD   -1.4.88   -1	23-Apr-19	BlackRock Institutional Trust Company,	on mkt sell	18.95	AUD	ORD	-2,274	-2,274
22-Apr19   BlackRock Institutional Trust Company, National Association   18,95   AUD   ORD   -5,140   -5, 140   -5	23-Apr-19		on mkt sell	18.95	AUD	ORD	-1,486	-1,486
22-Apr-19   BlackRock Agent Co., Ltd.   On mids sell   18.95   AUD   ORD   -1,470   -1	23-Apr-19	BlackRock Institutional Trust Company,	on mkt sell	18.95	AUD	ORD	-5,140	-5,140
22-Apr-19   BlackRock Japan Co, Ltd.	23-Apr-19	BlackRock Institutional Trust Company,	on mkt sell	18.95	AUD	ORD	-163	-163
22-Apr-19   BlackRock Fund Advisors   in specie   n/a   AUD   ORD   1,760   1	23-Anr-19		on mkt sell	18.91	AUD	ORD	-1 470	-1,470
22-Apr-19   BLACKROCK ADVISORS, LLC	· · · · · · · · · · · · · · · · · · ·							1,760
23-Apr-19   BlackRook Japan Co., Ltd.   collateral transfer   n/a   AUD   ORD   -360   -22-Apr-19   BlackRook Archivost (UK) Limited   collateral transfer   n/a   AUD   ORD   -42,597   -42   -23-Apr-19   BlackRock (ROCK FINANCIAL   collateral transfer   n/a   AUD   ORD   -1,810   -1   -1   -1   -1   -1   -1   -1	•		•					501
22-Apr-19   BlackRook Advisors (UK) Limited collateral transfer n/a AUD ORD -42.597 -42	<u> </u>	•						-360
22-Apr-19	<u>.</u>	·						-42,597
MANAGEMENT, INC.   23-Apr-19   BlackRock Investment Management (UK)   collateral transfer   n/a   AUD   ORD   2,655   2   23-Apr-19   BlackRock Investment Management (UK)   collateral transfer   n/a   AUD   ORD   -1,892   -1   Imited   Callateral transfer   n/a   AUD   ORD   -1,892   -1   Callateral transfer   n/a   AUD   ORD   -1,892   -1   Callateral transfer   n/a   AUD   ORD   -1,8690   -78,690   -79,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -78,690   -79,690   -79,690   -78,690	•							-1,810
23-Apr-19		MANAGEMENT, INC.					· 	2,655
Limited		-						
Limited   23-Apr-19   BlackRock Investment Management   in specie   n/a   AUD   ORD   78,890   78   78,990   78   78   78   78   78   78   78   7		Limited					· 	-1,892
Autonome   Autonome	·	Limited						905
(Australia) Limited   19.05   AUD   ORD   -1,619   -1	•	(Australia) Limited	•					-78,690
(Australia) Limited		(Australia) Limited	•					23,049
Limited   SlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -24,158   -24   Apr-19   BlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -4,357   -4   Apr-19   BlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -2,965   -2   Apr-19   BlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -14,294   -14   Apr-19   BlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -14,294   -14   Apr-19   BlackRock Investment Management   On mkt buy   19.06   AUD   ORD   3,456   3   AUD   ORD   630   AUD   ORD   630   AUD   ORD   630   AUD   ORD   525   AUD   ORD	24-Apr-19	(Australia) Limited	on mkt sell	19.05			-1,619	-1,619
Caustralia   Limited   Caustralia   C	24-Apr-19		on mkt buy	19.13	AUD	ORD	10,650	10,650
24-Apr-19   BlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -2,965   -2	•	•	on mkt sell	19.05	AUD	ORD	-24,158	-24,158
Australia   Limited   24-Apr-19   BlackRock Investment Management   On mkt sell   19.05   AUD   ORD   -14,294   -14	24-Apr-19		on mkt sell	19.05	AUD	ORD	-4,357	-4,357
(Australia) Limited   24-Apr-19   BlackRock Investment Management (Institutional Association   19.06   AUD   ORD   3.456   3   3   3   3   3   3   3   3   3	24-Apr-19		on mkt sell	19.05	AUD	ORD	-2,965	-2,965
(Australia) Limited         (Australia) Limited         on mkt buy         19.06         AUD         ORD         630           24-Apr-19         BlackRock Advisors (UK) Limited         on mkt buy         19.06         AUD         ORD         525           24-Apr-19         BlackRock Advisors (UK) Limited         on mkt buy         19.06         AUD         ORD         525           24-Apr-19         BlackRock Investment Management, LLC         on mkt buy         19.06         AUD         ORD         4,064         4           24-Apr-19         BlackRock Investment Management, LLC         on mkt buy         19.06         AUD         ORD         5,520         5           24-Apr-19         BlackRock Investment Management (Australia) Limited         on mkt buy         19.06         AUD         ORD         4,861         4           24-Apr-19         BlackRock Fund Advisors in specie         n/a         AUD         ORD         1,144         1           24-Apr-19         BlackRock Fund Advisors in specie         n/a         AUD         ORD         12,180         12           24-Apr-19         BlackRock Appan Co., Ltd.         collateral transfer         n/a         AUD         ORD         -392           24-Apr-19         BlackRock Investment Management, L	24-Apr-19		on mkt sell	19.05	AUD	ORD	-14,294	-14,294
24-Apr-19 BlackRock Advisors (UK) Limited on mkt buy 19.06 AUD ORD 525 24-Apr-19 BlackRock Advisors (UK) Limited on mkt buy 19.06 AUD ORD 525 24-Apr-19 BlackRock Investment Management, LLC on mkt buy 19.06 AUD ORD 4,064 4  24-Apr-19 BlackRock Institutional Trust Company, on mkt buy 19.06 AUD ORD 5,520 5 National Association  24-Apr-19 BlackRock Investment Management on mkt buy 19.06 AUD ORD 4,861 4  (Australia) Limited (Australia) Limited ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12  24-Apr-19 BlackRock ADVISORS, LLC collateral transfer n/a AUD ORD -392  24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD 3,044 3  MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD 3,384 3  Limited SackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  25-Apr-19 BlackRock Abvisors, LLC collateral transfer n/a AUD ORD 3,384 3  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3	24-Apr-19		on mkt buy	19.06	AUD	ORD	3,456	3,456
24-Apr-19 BlackRock Advisors (UK) Limited on mkt buy 19.06 AUD ORD 525 24-Apr-19 BlackRock Advisors (UK) Limited on mkt buy 19.06 AUD ORD 525 24-Apr-19 BlackRock Investment Management, LLC on mkt buy 19.06 AUD ORD 4,064 4  24-Apr-19 BlackRock Institutional Trust Company, on mkt buy 19.06 AUD ORD 5,520 5 National Association  24-Apr-19 BlackRock Investment Management on mkt buy 19.06 AUD ORD 4,861 4 (Australia) Limited (Australia) Limited ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12  24-Apr-19 BlackRock ADVISORS, LLC collateral transfer n/a AUD ORD -392  24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD 3,044 3  MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD 3,384 3  Limited Apr-19 BlackRock Asset Management (UK) collateral transfer n/a AUD ORD 1,209 1  25-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 7,200 1  25-Apr-19 BlackRock ADVISORS, LLC collateral transfer n/a AUD ORD 1,209 1  25-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 7,200 1  25-Apr-19 BlackRock ADVISORS, LLC collateral transfer n/a AUD ORD 7,200 1	24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	19.06	AUD	ORD	630	630
24-Apr-19 BlackRock Institutional Trust Company, on mkt buy 19.06 AUD ORD 4,064 4  24-Apr-19 BlackRock Institutional Trust Company, on mkt buy 19.06 AUD ORD 5,520 5  24-Apr-19 BlackRock Investment Management on mkt buy 19.06 AUD ORD 4,861 4  (Australia) Limited  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12  24-Apr-19 BlackRock ADVISORS, LLC collateral transfer n/a AUD ORD -392  24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258  24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3  MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	19.06	AUD	ORD	525	525
24-Apr-19 BlackRock Institutional Trust Company, on mkt buy 19.06 AUD ORD 5,520 5  24-Apr-19 BlackRock Investment Management on mkt buy 19.06 AUD ORD 4,861 4  (Australia) Limited  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12  24-Apr-19 BlackRock ADVISORS, LLC collateral transfer n/a AUD ORD -392  24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258  24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3  MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	19.06	AUD	ORD	525	525
National Association  24-Apr-19 BlackRock Investment Management on mkt buy 19.06 AUD ORD 4,861 4  (Australia) Limited  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12  24-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -392  24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258  24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3  MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19	BlackRock Investment Management, LLC	on mkt buy	19.06	AUD	ORD	4,064	4,064
(Australia) Limited  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1  24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12  24-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -392  24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258  24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3  MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19		on mkt buy	19.06	AUD	ORD	5,520	5,520
24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 1,144 1 24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12 24-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -392 24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258 24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3 MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3 Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1 Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19		on mkt buy	19.06	AUD	ORD	4,861	4,861
24-Apr-19 BlackRock Fund Advisors in specie n/a AUD ORD 12,180 12 24-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -392 24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258 24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3 MANAGEMENT, INC. 24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6 24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3 Limited 24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1 Limited 25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19		in specie	n/a	AUD	ORD	1,144	1,144
24-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -392 24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258 24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3 MANAGEMENT, INC. 24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3 Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1 Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	<u>.</u>							12,180
24-Apr-19 BlackRock Japan Co., Ltd. collateral transfer n/a AUD ORD -258 24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3 MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2			<u>'</u>					-392
24-Apr-19 BLACKROCK FINANCIAL collateral transfer n/a AUD ORD 3,044 3 MANAGEMENT, INC.  24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	•	*						-258
24-Apr-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD -6,986 -6  24-Apr-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD 3,384 3  Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1  Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	· · · · · · · · · · · · · · · · · · ·	BLACKROCK FINANCIAL						3,044
Limited  24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1 Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19		collateral transfer	n/a	AUD	ORD	-6,986	-6,986
24-Apr-19 BlackRock Asset Management North Asia collateral transfer n/a AUD ORD 1,209 1 Limited  25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19		collateral transfer	n/a	AUD	ORD	3,384	3,384
25-Apr-19 BLACKROCK ADVISORS, LLC collateral transfer n/a AUD ORD -2	24-Apr-19	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,209	1,209
· · · · · · · · · · · · · · · · · · ·	05.4.75			,	A 1 10	055		
25-Api-19 BlackRock Japan Co., Ltd. Collateral transfer 1/a AOD ORD -326	25-Apr-19 25-Apr-19	BLACKROCK ADVISORS, LLC BlackRock Japan Co., Ltd.	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-2 -328	-2 -328

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY	Class and r securities		Person's votes affected
25-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,252	-3,25
25-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,960	-1,960
25-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,221	2,22
25-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,960	2,960
25-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,890	-2,89
26-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	19.00	AUD	ORD	-9,247	-9,24
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	19.00	AUD	ORD	2,535	2,53
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	19.00	AUD	ORD	742	74
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	19.00	AUD	ORD	954	95
26-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	19.00	AUD	ORD	9,900	9,90
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,280	9,28
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,424	-3,42
26-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	377	37
26-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	365	36
26-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,167	-1,16
26-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	822	822
26-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,957	-2,95
26-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,560	2,560
29-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-190	-190
29-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-524	-52
29-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,943	-15,94
29-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-922	-92
29-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,169	5,16
29-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,430	-2,430
29-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,103	-1,10
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.57	AUD	ORD	-150	-150
30-Apr-19	BLACKROCK ADVISORS, LLC	on mkt sell	18.57	AUD	ORD	-2,329	-2,329
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.57	AUD	ORD	-7,260	-7,260
30-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.57	AUD	ORD	-847	-84
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.57	AUD	ORD	-876	-87
30-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	18.57	AUD	ORD	-1,947	-1,94
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.60	AUD	ORD	1,728	1,72
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.60	AUD	ORD	2,535	2,53
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	18.60	AUD	ORD	847	84
30-Apr-19	BLACKROCK ADVISORS, LLC	on mkt sell	18.60	AUD	ORD	-1,863	-1,86
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	18.60	AUD	ORD	-6,484	-6,48
30-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	18.60	AUD	ORD	333	33
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,712	1,712
30-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,939	2,939
30-Apr-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-16	-10
30-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	327	32
30-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,895	-4,89
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	723	723
30-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,064	-7,06
30-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,579	1,57
30-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,450	4,45
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.64	AUD	ORD	-854	-854

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.56	AUD	ORD	-6,778	-6,77
01-May-19	BlackRock Advisors (UK) Limited	on mkt buy	18.55	AUD	ORD	636	63
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.55	AUD	ORD	5,665	5,66
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.55	AUD	ORD	2,921	2,92
01-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,832	18,83
01-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-320	-32
01-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	133	13
01-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,267	-1,26
01-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,829	1,82
01-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	391	39
01-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-766	-76
02-May-19	BlackRock Asset Management Canada Limited	on mkt sell	18.51	AUD	ORD	-1,130	-1,13
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.55	AUD	ORD	-3,456	-3,45
02-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-22	-2:
02-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-61	-6
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-888	-88
02-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,657	2,65
02-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,593	-1,59
02-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-94	-9
03-May-19	BlackRock Asset Management North Asia Limited	on mkt buy	18.70	AUD	ORD	5,267	5,26
03-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	400	40
03-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	50	5
03-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,215	2,21
03-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,651	-4,65
03-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,673	1,67
03-May-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	313	31
06-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-15	-1:
06-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	88	88
06-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,525	2,52
06-May-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	341	34
06-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,905	-2,90
06-May-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-35	-3
07-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.67	AUD	ORD	-40,568	-40,56
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.67	AUD	ORD	-17,005	-17,00
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.67	AUD	ORD	83,966	83,96
07-May-19	BlackRock Asset Management Canada Limited	on mkt buy	18.67	AUD	ORD	1,153	1,15
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,072	2,07
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,552	3,552
07-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-410	-410
07-May-19 07-May-19	BlackRock Japan Co., Ltd. BLACKROCK FINANCIAL	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-72 4,701	-72 4,70
07-May-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-381	-38
07-May-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,879	-1,87
07-May-19	Limited BlackRock Asset Management North Asia	a allata val tva vafa v	n/a	AUD	ORD	-1,959	-1,959

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.61	AUD	ORD	-6,126	-6,126
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.61	AUD	ORD	-17,086	-17,086
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.65	AUD	ORD	-795	-795
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	18.65	AUD	ORD	53	53
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	18.65	AUD	ORD	2,547	2,547
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	18.65	AUD	ORD	742	742
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	18.65	AUD	ORD	364	364
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.65	AUD	ORD	41,288	41,288
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,673	2,673
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,136	5,136
08-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-61	-61
08-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,198	1,198
08-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,071	-8,071
08-May-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-3,290	-3,290
08-May-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,968	-2,968
08-May-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	172	172
•	Limited						
08-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,850	2,850
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	19.66	AUD	ORD	-809	-809
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	19.70	AUD	ORD	-6,819	-6,819
09-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	19.70	AUD	ORD	2,330	2,330
09-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,848	6,848
09-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	207	207
09-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,426	-1,426
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	3,491	3,491
09-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,048	1,048
09-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,144	1,144
09-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,464	-4,464
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	19.46	AUD	ORD	-332	-332
10-May-19	BlackRock Advisors (UK) Limited	on mkt buy	19.46	AUD	ORD	851	851
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	19.46	AUD	ORD	-3,189	-3,189
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	19.46	AUD	ORD	-568	-568
10-May-19	BlackRock (Netherlands) B.V.	on mkt buy	19.46	AUD	ORD	1,036	1,036
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,984	11,984
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,136	5,136
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,053	1,053
10-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	813	813
10-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,002	1,002
10-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-522	-522
10-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10,898	-10,898
10-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-119	-119
10-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-941	-941
13-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,600	3,600
13-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-553	-553
13-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-845	-845
13-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,576	-3,576
13-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,236	-3,236
13-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,413	3,413
13-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,127	-3,127
14-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	19.55	AUD	ORD	2,324	2,324
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	19.67	AUD	ORD	-1,732	-1,732

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	19.67	AUD	ORD	-744	-744
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	19.67	AUD	ORD	-744	-744
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	968	968
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	812	812
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,136	5,136
14-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-315	-315
14-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-356	-356
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,146	2,146
14-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,555	-2,555
14-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,501	1,501
14-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-422	-422
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	19.96	AUD	ORD	17,899	17,899
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	19.96	AUD	ORD	199	199
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	19.93	AUD	ORD	26,566	26,566
15-May-19	BlackRock Asset Management Canada Limited	on mkt buy	20.02	AUD	ORD	405	405
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	20.02	AUD	ORD	-1,012	-1,012
15-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,410	4,410
15-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	249	249
15-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	682	682
15-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-643	-643
15-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,167	-7,167
15-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-782	-782
15-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	7,661	7,661
16-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.18	AUD	ORD	28,349	28,349
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.26	AUD	ORD	1,698	1,698
16-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-59	-59
16-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,959	6,959
16-May-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	276	276
,	MANAGEMENT, INC.			_	_		-
16-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	147	147
16-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,018	3,018
16-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,832	-2,832
17-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.53	AUD	ORD	185	185
17-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	1,023	1,023
17-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,577	-7,577
17-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	83,807	83,807
17-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,467	2,467
17-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-521	-521
17-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,519	4,519
17-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-7,420	-7,420
20-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.23	AUD	ORD	89	89
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.25	AUD	ORD	156	156
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-51,668	-51,668
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	51,668	51,668
20-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	199	199
20-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	501	501
20-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,761	12,761
20-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,493	2,493
20-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-741	-741

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
20-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,371	-4,371
20-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,919	1,919
21-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	AUD	ORD	9,994	9,994
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.37	AUD	ORD	164	164
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.55	AUD	ORD	854	854
21-May-19	BlackRock Asset Management North Asia Limited		20.55	AUD	ORD	3,437	3,437
21-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	246	246
21-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-238	-238
21-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	13,740	13,740
21-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,386	-1,386
21-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,639	3,639
21-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,446	-2,446
21-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	185	185
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.68	AUD	ORD	7,131	7,131
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.68	AUD	ORD	2,900	2,900
22-May-19	BlackRock Institutional Trust Company,	on mkt buy	20.68	AUD	ORD	2,884	2,884
22-May-19	National Association  BlackRock Investment Management	on mkt buy	20.68	AUD	ORD	25,151	25,151
22-May-19	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.68	AUD	ORD	3,407	3,407
22-May-19	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	20.68	AUD	ORD	7,119	7,119
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	852	852
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	2,556	2,556
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.67	AUD	ORD	1,752	1,752
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.67	AUD	ORD	18,206	18,206
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.67	AUD	ORD	17,876	17,876
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.71	AUD	ORD	26,079	26,079
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	20.71	AUD	ORD	-26,079	-26,079
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,440	4,440
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,880	8,880
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,692	-2,692
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	9,876	9,876
22-May-19	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	2,562	2,562
22-May-19	National Association BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	662	662
22-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	493	493
22-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-110,308	-110,308
22-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	892	892
22-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,830	-2,830
22-May-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	104,948	104,948
22-May-19	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-1,736	-1,736
23-May-19	Limited  BlackRock Investment Management	on mkt buy	20.78	AUD	ORD	10,135	10,135
23-May-19	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	20.76	AUD	ORD	749	749
	National Association						
23-May-19 23-May-19	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt sell	20.83	AUD AUD	ORD ORD	23,001 -3,008	23,001 -3,008
_0 May 10	(Australia) Limited	JII IIIM OOII	20.00	, (0)		5,500	5,000
23-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	56	56

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and r securities		Person's votes affected
23-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	531	53′
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-4,766	-4,766
23-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,559	-6,559
23-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,191	3,191
23-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-753	-753
24-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-703	-703
24-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	558	558
24-May-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	8,158	8,158
	MANAGEMENT, INC.						
24-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	54,112	54,112
24-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-74,955	-74,955
24-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-270	-270
27-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-182	-182
27-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	573	573
27-May-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-7,712	-7,712
	MANAGEMENT, INC.						
27-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-54,056	-54,056
27-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-22,783	-22,783
27-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,130	3,130
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.76	AUD	ORD	9,808	9,808
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.86	AUD	ORD	658	658
28-May-19	BlackRock Asset Management Canada	on mkt buy	20.86	AUD	ORD	3,200	3,200
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.86	AUD	ORD	387	387
28-May-19	BlackRock Asset Management Canada	on mkt buy	20.86	AUD	ORD	182	182
28-May-19	Limited BlackRock International Limited	on mkt buy	20.86	AUD	ORD	2,258	2,258
28-May-19	BlackRock Fund Advisors	on mkt buy	20.86	AUD	ORD	2,230	2,230
28-May-19	BlackRock Fund Advisors	on mkt buy	20.86	AUD	ORD	577	577
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.86	AUD	ORD	611	611
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.86	AUD	ORD	4,456	4,456
28-May-19	BlackRock Investment Management	on mkt buy	20.86	AUD	ORD	261	261
	(Australia) Limited	·					
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	20.86	AUD	ORD	3,523	3,523
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.86	AUD	ORD	388	388
28-May-19	BlackRock (Singapore) Limited	on mkt sell	20.86	AUD	ORD	-1,123	-1,123
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.86	AUD	ORD	1,969	1,969
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	20.86	AUD	ORD	9,593	9,593
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.86	AUD	ORD	1,163	1,163
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	20.86	AUD	ORD	551	551
28-May-19	BlackRock International Limited	on mkt buy	20.86	AUD	ORD	6,771	6,771
28-May-19 28-May-19	BlackRock Fund Advisors	on mkt buy	20.86	AUD	ORD	838	838
28-May-19	BlackRock Fund Advisors	on mkt buy	20.86	AUD	ORD	1,733	1,733
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.86	AUD	ORD	1,832	1,832
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	20.86	AUD	ORD	-2,003	-2,003
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.86	AUD	ORD	13,363	13,363
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.86	AUD	ORD	788	788
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	20.86	AUD	ORD	10,559	10,559
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	20.86	AUD	ORD	-573	-573

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28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.86	AUD	ORD	1,168	1,16
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.86	AUD	ORD	8,975	8,97
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.86	AUD	ORD	-36,197	-36,19
28-May-19		on mkt sell	20.86	AUD	ORD	-1,627	-1,62
28-May-19	BlackRock Fund Advisors	on mkt buy	20.86	AUD	ORD	6,460	6,46
28-May-19	BlackRock Fund Advisors	on mkt buy	20.86	AUD	ORD	13,376	13,37
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.86	AUD	ORD	9,013	9,01
28-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-1,026	-1,02
28-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,040	-4,04
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-9,690	-9,69
28-May-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	-52,245	-52,24
28-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-30,486	-30,48
28-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-15,379	-15,37
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.78	AUD	ORD	5,203	5,20
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.78	AUD	ORD	810	81
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.78	AUD	ORD	797	79
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	7,080	7,08
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	655	65
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	4,131	4,13
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	33,046	33,04
29-May-19	BlackRock Investment Management, LLC	on mkt buy	20.82	AUD	ORD	1,396	1,39
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	4,658	4,65
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	12,248	12,24
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.83	AUD	ORD	734	73
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.83	AUD	ORD	824	82
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	20.83	AUD	ORD	-432	-43
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	20.83	AUD	ORD	-1,049	-1,04
29-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,026	-3,02
29-May-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-1,326	-1,32
29-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,753	-1,75
29-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-4,807	-4,80
29-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-29,449	-29,44
29-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,093	-16,09
29-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-7,596	-7,59
30-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.41	AUD	ORD	3,648	3,64
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	20.44	AUD	ORD	-288	-28
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	20.44	AUD	ORD	-432	-43
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.66	AUD	ORD	27	2
31-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	20.66	AUD	ORD	-15,195	-15,19
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.66	AUD	ORD	4,025	4,02
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	20.66	AUD	ORD	7,234	7,23
31-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,136	-5,13
03-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.42	AUD	ORD	-372	-37
04-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.39	AUD	ORD	-2,082	-2,08
04-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.39	AUD	ORD	2,815	2,81

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Date of Change	Person whose relevant interest changed	Consideration gi	hange (6) / ven in relation to ge (7)	CCY	Class and r securities		Person's votes affected
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.40	AUD	ORD	1,050	1,050
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.40	AUD	ORD	-744	-744
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.40	AUD	ORD	-13,219	-13,219
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.40	AUD	ORD	8,384	8,384
04-Jun-19	BlackRock Fund Advisors	on mkt buy	20.40	AUD	ORD	10,856	10,856
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,138	-1,138
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,052	-6,052
05-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,125	2,125
05-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.44	AUD	ORD	1,101	1,101
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.44	AUD	ORD	-360	-360
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.44	AUD	ORD	-560	-560
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.44	AUD	ORD	-22,514	-22,514
05-Jun-19	BlackRock Fund Advisors	in specie	20.44 n/a	AUD	ORD	6,831	6,831
06-Jun-19	BlackRock Investment Management (UK)	on mkt buy	20.46	AUD	ORD	1,165	1,165
	Limited	•					
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.46	AUD	ORD	19,828	19,828
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.46	AUD	ORD	13,590	13,590
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.46	AUD	ORD	36,122	36,122
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.45	AUD	ORD	-1,835	-1,835
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.45	AUD	ORD	734	734
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.45	AUD	ORD	828	828
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.45	AUD	ORD	2,484	2,484
07-Jun-19	BlackRock Investment Management (UK)	on mkt buy	20.65	AUD	ORD	701	701
07-Jun-19	Limited BlackRock Investment Management (UK) Limited	on mkt buy	20.71	AUD	ORD	4,277	4,277
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	2,225	2,225
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	2,125	2,125
07-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.71	AUD	ORD	385	385
07-Jun-19	BlackRock Fund Advisors	on mkt buy	20.71	AUD	ORD	8,664	8,664
10-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,052	-6,052
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.98	AUD	ORD	-438	-438
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.98	AUD	ORD	840	840
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.98	AUD	ORD	840	840
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.98	AUD	ORD	717	717
11-Jun-19	BlackRock Investment Management	on mkt sell	20.98	AUD	ORD	-4,494	-4,494
12-Jun-19	(Australia) Limited BlackRock Investment Management (UK)	on mkt buy	21.02	AUD	ORD	25,075	25,075
40 1 40	Limited	1.11	00.04	ALID	000	00.4	00.4
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.81	AUD	ORD	834	834
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.81	AUD	ORD	210	210
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.81	AUD	ORD	-1,696	-1,696
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.81	AUD	ORD ORD	9,387	9,387
12-Jun-19 12-Jun-19	BlackRock Fund Advisors	in specie collateral transfer	n/a n/a	AUD AUD	ORD	-2,970	-2,970
12-Jun-19 13-Jun-19	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy	20.81	AUD	ORD	5,813 454	5,813 454
13-Jun-19	(Australia) Limited BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	8,896	8,896
13-Jun-19	National Association BlackRock Institutional Trust Company,	on mkt buy	20.73	AUD	ORD	9,243	9,243
13-Jun-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	20.73	AUD	ORD	3,342	3,342
14-Jun-19	National Association BlackRock Investment Management (UK)	on mkt buy	20.76	AUD	ORD	2,653	2,653
14-Jun-19	Limited	•					
	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	9,388	9,388
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	4,933	4,933
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.51	AUD	ORD	-36,664	-36,664
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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.45	AUD	ORD	-284	-284
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.45	AUD	ORD	-844	-844
14-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	20.45	AUD	ORD	-605	-605
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,760	-8,760
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,570	-6,570
14-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,813	-5,813
14-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	81,932	81,932
17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.51	AUD	ORD	114	114
17-Jun-19	BlackRock Fund Advisors	on mkt sell	20.51	AUD	ORD	-8,428	-8,428
17-Jun-19	BlackRock Fund Advisors	on mkt sell	20.51	AUD	ORD	-11,307	-11,307
17-Jun-19 17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.51	AUD	ORD	242	242
18-Jun-19	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt buy	n/a 20.66	AUD AUD	ORD ORD	-8,015 2,443	-8,015 2,443
	(Australia) Limited					,	
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.66	AUD	ORD	-968	-968
18-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,100	2,100
18-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.71	AUD	ORD	3,024	3,024
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	53	53
19-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,078	-1,078
19-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.54	AUD	ORD	-1,748	-1,748
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.54	AUD	ORD	-847	-847
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.54	AUD	ORD	705	705
20-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	20.83	AUD	ORD	-3,527	-3,527
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.69	AUD	ORD	568	568
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.69	AUD	ORD	-17,228	-17,228
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	20.69	AUD	ORD	10,547	10,547
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.69	AUD	ORD	1,314	1,314
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.69	AUD	ORD	3,918	3,918
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.69	AUD	ORD	-1,408	-1,408
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,848	2,848
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,770	-5,770
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,924	-6,924
21-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	18,463	18,463
21-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.51	AUD	ORD	852	852
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,869	1,869
24-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	20.51	AUD	ORD	5,038	5,038
24-Jun-19 24-Jun-19	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	4,085 11,215	4,085 11,215
25-Jun-19	Limited  BlackRock Investment Management (Australia) Limited	on mkt buy	20.57	AUD	ORD	2,677	2,677
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.53	AUD	ORD	141	141
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,795	-5,795
25-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,085	-4,085
25-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-81,933	-81,933
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	56,561	56,561
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	7,724	7,724
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	24,962	24,962
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	36,628	36,628
26-Jun-19	BlackRock Investment Management	on mkt buy	20.49	AUD	ORD	4,315	4,315

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and i securities		Person's votes affected
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	11,910	11,910
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.48	AUD	ORD	-143	-143
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.48	AUD	ORD	9,908	9,908
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.48	AUD	ORD	6,366	6,366
26-Jun-19	BlackRock (Netherlands) B.V.	on mkt buy	20.48	AUD	ORD	319	319
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	20.48	AUD	ORD	-1,935	-1,935
26-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,026	-3,026
26-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,463	-18,463
26-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	18,375	18,375
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	20.47	AUD	ORD	-1,149	-1,149
27-Jun-19	BlackRock Investment Management, LLC	on mkt buy	20.47	AUD	ORD	1,023	1,023
27-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	805	805
27-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	46,234	46,234
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.28	AUD	ORD	-3,153	-3,153
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	20.27	AUD	ORD	54	54
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.27	AUD	ORD	-3,095	-3,095
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	20.27	AUD	ORD	-1,992	-1,992
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,159	3,159
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,157	1,157
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,052	-6,052
28-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
28-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	419,383	419,383
28-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-64,697	-64,697
01-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,516	-3,516
01-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1	-1
01-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,391	2,391
01-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,126	-11,126
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.66	AUD	ORD	-2,919	-2,919
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.66	AUD	ORD	-223	-223
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	20.69	AUD	ORD	-3,360	-3,360
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	20.69	AUD	ORD	-294	-294
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.69	AUD	ORD	7,929	7,929
02-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.69	AUD	ORD	8,585	8,585
02-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-139	-139
03-Jul-19	BlackRock Investment Management	on mkt buy	20.70	AUD	ORD	11,219	11,219
03-Jul-19	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.70	AUD	ORD	693	693
03-Jul-19	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.70	AUD	ORD	29,058	29,058
03-Jul-19	(Australia) Limited BlackRock Investment Management	on mkt buy	20.70	AUD	ORD	36,623	36,623
	(Australia) Limited						
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.69	AUD	ORD	570	570
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.69	AUD	ORD	243	243
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,991	-5,991
03-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-421,635	-421,635
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.73	AUD	ORD	766	766
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.73	AUD	ORD	3,407	3,407
04-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	82,722	82,722
04-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	424,938	424,938
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.86	AUD	ORD	840	840
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.86	AUD	ORD	228	228
05-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,636	-4,636
05-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,062	-9,062
05-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	434,528	434,528

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
05-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-424,938	-424,938
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.51	AUD	ORD	840	840
08-Jul-19	BlackRock Fund Advisors	on mkt buy	20.51	AUD	ORD	3,524	3,524
08-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,078	-1,078
08-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-73,660	-73,660
08-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	24,599	24,599
08-Jul-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	5,080	5,080
08-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	7,251	7,251
09-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.53	AUD	ORD	-11,804	-11,804
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,792	-10,792
09-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7	-10,732
09-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer			ORD		
09-Jul-19 09-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a n/a	AUD AUD	ORD	-426 -665	-426 -665
09-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	664	664
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.48	AUD	ORD	7,015	7,015
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.48	AUD	ORD	2,864	2,864
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.48	AUD	ORD	1,425	1,425
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	AUD	ORD	36,529	36,529
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.48	AUD	ORD	1,427	1,427
10-Jul-19	BlackRock Investment Management	on mkt buy	20.49	AUD	ORD	3,969	3,969
10-Jul-19	(Australia) Limited  BLACKROCK FINANCIAL	on mkt buy	20.48	AUD	ORD	1,537	1,537
10-Jul-19	MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-7	-7
10-Jul-19	BlackRock Japan Co., Ltd.		n/a				
10-Jul-19 10-Jul-19	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	collateral transfer collateral transfer	n/a n/a	AUD	ORD ORD	-458,700 -4,415	-458,700 -4,415
10-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,915	-7,915
11-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	20.48	AUD	ORD	-2,687	-2,687
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.49	AUD	ORD	54	54
12-Jul-19	BlackRock Investment Management	on mkt sell	20.25	AUD	ORD	-19,581	-19,581
	(Australia) Limited						
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.25	AUD	ORD	5,124	5,124
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.25	AUD	ORD	1,272	1,272
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,200	1,200
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,078	-1,078
15-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.00	AUD	ORD	3,837	3,837
15-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.00	AUD	ORD	2,827	2,827
15-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	20.01	AUD	ORD	7,336	7,336
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	19.91	AUD	ORD	1,680	1,680
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,759	2,759
16-Jul-19 16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,158	-2,158
17-Jul-19	BlackRock Investment Management	on mkt buy	20.02	AUD	ORD	33,673	33,673
	(Australia) Limited						
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.02	AUD	ORD	-3,310	-3,310
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.02	AUD	ORD	-1,095	-1,095
	BlackRock Institutional Trust Company,	on mkt sell	20.02	AUD	ORD	-1,151	-1,151
17-Jul-19	National Association						
17-Jul-19 17-Jul-19	National Association  BlackRock Investment Management (UK) Limited	on mkt buy	20.04	AUD	ORD	4,024	4,024
	National Association  BlackRock Investment Management (UK)	on mkt buy on mkt buy on mkt buy	20.04 20.01 20.01	AUD AUD	ORD ORD ORD	4,024 1,728 5,611	4,024 1,728 5,611

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY	Class and securities		Person's votes affected
17-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	20.01	AUD	ORD	2,151	2,151
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	19.92	AUD	ORD	513	513
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	19.89	AUD	ORD	840	840
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	19.89	AUD	ORD	1,680	1,680
18-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	19.89	AUD	ORD	12,585	12,585
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	19.89	AUD	ORD	15,790	15,790
19-Jul-19	BLACKROCK ADVISORS, LLC	on mkt sell	20.12	AUD	ORD	-3,895	-3,895
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.15	AUD	ORD	240	240
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	20.15	AUD	ORD	-690	-690
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.15	AUD	ORD	10,920	10,920
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,068	1,068
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,617	-1,617
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,145	5,145
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.35	AUD	ORD	723	723
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.35	AUD	ORD	142	142
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	289,997	289,997
22-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	264	264
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.30	AUD	ORD	143	143
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.30	AUD	ORD	103	103
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.30	AUD	ORD	212	212
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,067	-5,067
23-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-264	-264
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.44	AUD	ORD	39,854	39,854
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.44	AUD	ORD	1,222	1,222
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.43	AUD	ORD	-5,315	-5,31
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.43	AUD	ORD	-1,640	-1,640
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	20.43	AUD	ORD	-1,691	-1,691
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.42	AUD	ORD	845	845
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.42	AUD	ORD	2,989	2,989
24-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,078	-1,078
24-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	18,507	18,507
25-Jul-19	BLACKROCK ADVISORS, LLC	on mkt sell	20.58	AUD	ORD	-1,970	-1,970
25-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.59	AUD	ORD	720	720
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,187	2,187
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,860	6,860
25-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,507	-18,507
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.44	AUD	ORD	1,680	1,680
26-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	49,314	49,314
26-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	33,525	33,525
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.50	AUD	ORD	847	847
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.50	AUD	ORD	875	875
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.50	AUD	ORD	315	315
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	20.50	AUD	ORD	840	840
29-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	152	152
29-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-49,314	-49,314
29-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-33,525	-33,525
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,307	1,307
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	21.10	AUD	ORD	202	202
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	21.10	AUD	ORD	212	212
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	21.10	AUD	ORD	228	228
30-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-152	-15
30-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	439,466	439,466
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.82	AUD	ORD	15,227	15,227
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.82	AUD	ORD	6,783	6,783

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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 securities		Person's votes affected
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	21.82	AUD	ORD	839 847 -1,617 53 -40,474 -17,836 -3,371 -1,908 -6,263 33,328 -398,992 20,669 218,527 120,569 9,750 -21,748 705 25,469 -2,624 -1,440 3,083 6,598	83
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	21.82	AUD	ORD	847	84
31-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,617	-1,61
31-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	53	53
31-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,474	-40,474
01-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	21.91	AUD	ORD	-17,836	-17,836
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.97	AUD	ORD	-3,371	-3,37
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.93	AUD	ORD	-1.908	-1,908
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.93	AUD	ORD		-6,263
01-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	33,328	33,328
01-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-398,992	-398,992
01-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	20,669	20,669
01-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	218,527	218,527
01-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	120,569	120,569
01-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9,750	9,750
01-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-21 748	-21,748
02-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.16	AUD	ORD		705
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.25	AUD	ORD	25,469	25,469
02-Aug-19	BlackRock Investment Management, LLC	on mkt sell	22.25	AUD	ORD	-2,624	-2,624
02-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1 440	-1,440
02-Aug-19 02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	· · · · · · · · · · · · · · · · · · ·	3,083
02-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,598	6,598
02-Aug-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-6,587	-6,587
02-Aug-19	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	1,059	1,059
05-Aug-19	BlackRock Investment Management	on mkt sell	21.72	AUD	ORD	-12,695	-12,695
05 10	(Australia) Limited BlackRock Japan Co., Ltd.	a allata val tva vafa v	7/0	ALID	ODD	24.040	24.04/
05-Aug-19	· · · · · · · · · · · · · · · · · · ·	collateral transfer	n/a	AUD	ORD	-31,940	-31,940
05-Aug-19	BlackRock Advisors (UK) Limited BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	407,616	407,616
05-Aug-19	MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-23,752	-23,752
05-Aug-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	-225,124	-225,124
05-Aug-19	Limited		n/a	AUD	ORD	-113,982	-113,982
05-Aug-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-10,809	-10,809
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.09	AUD	ORD	-2,771	-2,77°
06-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.14	AUD	ORD	720	720
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.02	AUD	ORD	2,989	2,989
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.02	AUD	ORD	839	839
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.02	AUD	ORD	-954	-954
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.02	AUD	ORD	-342	-342
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.02	AUD	ORD	-1,166	-1,166
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.02	AUD	ORD	-552	-552
06-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.02	AUD	ORD	3,023	3,023
06-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	17,858	17,858
06-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-391,532	-391,532
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	162,660	162,660
06-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	126,987	126,987
06-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	97,112	97,112
06-Aug-19	BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	5,239	5,239

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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	
07-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	21.05	AUD	ORD	3.373	3,373	
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.05	AUD	ORD	-6,745	-6,745	
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.05	AUD	ORD	-3,502	-3,502	
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.05	AUD	ORD	-7,335	-7,335	
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.05	AUD	ORD	9,118	9,118	
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.07	AUD	ORD	-424	-424	
	BlackRock Advisors (UK) Limited	on mkt sell	21.07	AUD	ORD	-1,026	-1,026	
	BlackRock Advisors (UK) Limited	on mkt buy	21.07	AUD	ORD		54	
	BlackRock Advisors (UK) Limited	on mkt buy	21.07	AUD	ORD		192	
	BlackRock Advisors (UK) Limited	on mkt sell	21.07	AUD	ORD		-342	
	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD		-17,859 -16,083	
	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD		-162,660	
	MANAGEMENT, INC. BlackRock Investment Management, LLC		n/a	AUD	ORD		-126,987	
	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD		-97,112	
	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD		-5,239	
	BLACKROCK ADVISORS, LLC	on mkt buy	21.37	AUD	ORD	2,413	2,413	
-	BlackRock Institutional Trust Company, National Association	on mkt buy	21.37	AUD	ORD	1,054	1,054	
-	BlackRock Asset Management Canada Limited	on mkt buy	21.37	AUD	ORD	1,339	1,339	
•	BlackRock Institutional Trust Company, National Association	on mkt buy	21.37	AUD	ORD	2,067	2,067	
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.45	AUD	ORD	-1,063	-1,063	
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.45	AUD	ORD	-1,063	-1,063	
	BlackRock Advisors (UK) Limited	on mkt sell	21.45	AUD	ORD	-205	-205	
	BlackRock Advisors (UK) Limited	on mkt sell	21.45	AUD	ORD		-238	
	BlackRock Advisors (UK) Limited	on mkt sell	21.45	AUD	ORD	<u> </u>	-19,466	
	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	collateral transfer	n/a n/a	AUD AUD	ORD ORD		533,419 -75,907	
_	National Association	in specie	21.57	AUD	ORD		-5,577	
_	BlackRock Investment Management (UK) Limited	on mkt sell				3,373 -6,745 -3,502 -7,335 9,118 -424 -1,026 54 192 -342 -17,859 -16,083 -162,660 -126,987 -97,112 -5,239 2,413 1,054 1,339 2,067 -1,063 -1,063		
	BLACKROCK ADVISORS, LLC	on mkt buy	21.79	AUD	ORD		1,297	
· ·	BlackRock Asset Management Canada Limited	on mkt buy	21.79	AUD	ORD		1,029	
	BlackRock Investment Management (Australia) Limited	on mkt buy	21.77	AUD	ORD	s affected  3,373 -6,745  -3,502 -7,335  9,118  -424 -1,026 54 192 -342 -17,859 -16,083 -162,660 -126,987 -97,112 -5,239  2,413 1,054 1,339 2,067 -1,063 -1,063 -205 -238 -19,466 533,419 -75,907 -5,577 1,297 1,029 3,416 2,541 6,427 5,161  222 267,573 86 -6,052 -398,558 -2,591 1,343 740 1,027 2,028 98 839 -1,055 238 2,517	3,416	
	BlackRock Advisors (UK) Limited	on mkt buy	21.77	AUD	ORD		2,541	
09-Aug-19	BlackRock Investment Management	on mkt buy	21.77	AUD	ORD	6,427	6,427	
	(Australia) Limited BlackRock Investment Management	on mkt buy	21.77	AUD	ORD	5,161	5,161	
	(Australia) Limited				000			
	BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD		222	
12-Aug-19	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	n/a 21.58	AUD	ORD		267,573 86	
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6.052	-6,052	
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD		-398,558	
13-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.50	AUD	ORD		-2,591	
	BLACKROCK ADVISORS, LLC	on mkt buy	21.51	AUD	ORD	1.343	1,343	
	BlackRock Investment Management (UK)	on mkt buy	21.51	AUD	ORD		740	
	Limited  BlackRock Asset Management Canada	on mkt buy	21.51	AUD	ORD		1,027	
	Limited  BlackRock Institutional Trust Company,	on mkt buy	21.51	AUD	ORD		2,028	
		on mike buy	١.٠١	AUD	OND	۷,020	۷,020	
13-Aug-19	National Association	on mkt huu:	04.54	ALID	ODD	20		
13-Aug-19	National Association  BlackRock Institutional Trust Company, National Association	on mkt buy	21.51	AUD	ORD		98	
13-Aug-19 13-Aug-19	National Association  BlackRock Institutional Trust Company, National Association  BlackRock Advisors (UK) Limited	on mkt buy	21.53	AUD	ORD	839	839	
13-Aug-19 13-Aug-19 13-Aug-19	National Association  BlackRock Institutional Trust Company, National Association  BlackRock Advisors (UK) Limited  BlackRock Advisors (UK) Limited	on mkt buy	21.53 21.53	AUD AUD	ORD ORD	839 -1,055	839 -1,055	
13-Aug-19 13-Aug-19 13-Aug-19 13-Aug-19	National Association  BlackRock Institutional Trust Company, National Association  BlackRock Advisors (UK) Limited	on mkt buy	21.53	AUD	ORD	839 -1,055 238	839	

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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
13-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	111	111
13-Aug-19	BlackRock Advisors (UK) Limited	collateral transfe	r n/a	AUD	ORD	-2,582	-2,582
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	21.49	AUD	ORD	-6,400	-6,400
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.57	AUD	ORD	9,754	9,754
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.57	AUD	ORD	5,724	5,724
14-Aug-19	BlackRock Investment Management	on mkt buy	21.57	AUD	ORD	27,989	27,989
14-Aug-19	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	21.56	AUD	ORD	-6,547	-6,547
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.57	AUD	ORD	781	781
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.63	AUD	ORD	3,072	3,072
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.63	AUD	ORD	552	-552
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		-3,026
14-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD		-3,020
14-Aug-19	BlackRock Advisors (UK) Limited	collateral transfe		AUD	ORD		-2,270
	BLACKROCK ADVISORS, LLC	on mkt buy	21.01	AUD	ORD		
15-Aug-19	*						1,403
15-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.01	AUD	ORD		1,213
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD		6,084
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	1,106	1,106
15-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	21.01	AUD	ORD	1,480	1,480
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	2,196	2,196
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.01	AUD	ORD	1,999	1,999
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	20.93	AUD	ORD	-600	-600
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	20.93	AUD	ORD	482	482
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	20.93	AUD	ORD	-600	-600
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	20.93	AUD	ORD		5,254
15-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,930	1,930
15-Aug-19	BlackRock Advisors (UK) Limited	collateral transfe	r n/a	AUD	ORD	24,637	24,637
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.80	AUD	ORD	360	360
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.80	AUD	ORD	705	705
16-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	20.80	AUD	ORD	2,032	2,032
16-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.80	AUD	ORD	1,545	1,545
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.80	AUD	ORD	9,066	9,066
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.80	AUD	ORD	1,682	1,682
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	20.80	AUD	ORD	111 -2,582 -6,400 9,754 5,724 27,989 -6,547 781 3,072 -552 -3,026 -788 -2,270 1,403 1,213 6,084 1,106 1,480 2,196 1,999 -600 482 -600 5,254 1,930 24,637 360 705 2,032 1,545 9,066 1,682	2,059
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	20.80	AUD	ORD		1,646
16-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	20.80	AUD	ORD		705
16-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	20.80	AUD	ORD	2,173	2,173
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.80	AUD	ORD	3,643	3,643
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.80	AUD	ORD	3,003	3,003
16-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	20.86	AUD	ORD	4,063	4,063
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2 156	-2,156
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		1,053
16-Aug-19	BlackRock Advisors (UK) Limited	collateral transfe		AUD	ORD		969
	. ,						969 711
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.05	AUD	ORD		
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.15	AUD	ORD		6,836
19-Aug-19	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	collateral transfe	er n/a 21.43	AUD AUD	ORD ORD		-17,657 844
20-Aug-19							

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY			Person's votes affected
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.43	AUD	ORD	10 number of ties affected  873  3,792 2,762  833 12,783  2,174  1,687 1,319 698  3,075 6,513 4,634 3,448 383  -5,171 312 770 176 2,172  705 770 2,628  -4,556 1,222 9,764	873
20-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.43	AUD	ORD	3,792	3,792
20-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.43	AUD	ORD	2,762	2,762
20-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.43	AUD	ORD	833	833
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.43	AUD	ORD	12,783	12,783
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.43	AUD	ORD	2,174	2,174
20-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.43	AUD	ORD	1,687	1,687
20-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.43	AUD	ORD		1,319
20-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	21.43	AUD	ORD	698	698
20-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	21.43	AUD	ORD	3,075	3,075
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.43	AUD	ORD	6,513	6,513
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.43	AUD	ORD	4,634	4,634
20-Aug-19	BlackRock Investment Management	on mkt buy	21.46	AUD	ORD	3,448	3,448
20-Aug-19	(Australia) Limited BlackRock Investment Management	on mkt buy	21.46	AUD	ORD	383	383
20-Aug-19	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-5,171	-5,171
20-Aug-19	Limited  BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	312	312
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	AUD	ORD		770
21-Aug-19	BlackRock Institutional Trust Company,	on mkt buy	21.31	AUD	ORD	176	176
21-Aug-19	National Association  BlackRock Investment Management	on mkt buy	21.31	AUD	ORD	2,172	2,172
21-Aug-19	(Australia) Limited BlackRock Japan Co., Ltd.	on mkt buy	21.31	AUD	ORD		705
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	21.31	AUD	ORD		770
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.31	AUD	ORD	2,628	2,628
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.30	AUD	ORD	-4,556	-4,556
21-Aug-19	BlackRock Investment Management, LLC	on mkt buy	21.31	AUD	ORD	1,222	1,222
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	AUD	ORD	9,764	9,764
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	AUD	ORD	2,141	2,141
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	AUD	ORD	2,264	2,264
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.34	AUD	ORD	1,293	1,293
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.34	AUD	ORD	849	849
21-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,078	-1,078
21-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-388,343	-388,343
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	AUD	ORD	602	602
22-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.29	AUD	ORD	2,334	2,334
22-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.29	AUD	ORD	2,485	2,485
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	AUD	ORD	7,445	7,445
22-Aug-19	BlackRock Institutional Trust Company,	on mkt buy	21.29	AUD	ORD	1,415	1,415
22-Aug-19	National Association BlackRock Asset Management Canada	on mkt buy	21.29	AUD	ORD	2,007	2,007
22-Aug-19	Limited BlackRock Institutional Trust Company,	on mkt buy	21.29	AUD	ORD	4,260	4,260
22-Aug-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	21.29	AUD	ORD	3,036	3,036
00 4 15	National Association		04.00	A 1 1 1 5			
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.23	AUD	ORD	-595 10.161	-595 10.161
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	21.23	AUD	ORD	-19,161	-19,161
22-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,430	-3,430
22-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	17,590	17,590 -17,500
22-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-17,500	-17,5

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY	Class and securities		Person's votes affected
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	23,087	23,087
22-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	164,271	164,271
22-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	173,267	173,267
22-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,091	4,091
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	653	653
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	768	768
23-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.16	AUD	ORD	2,626	2,626
23-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.16	AUD	ORD	2,223	2,223
23-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.16	AUD	ORD	700	700
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	10,645	10,645
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	1,791	1,791
23-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	21.16	AUD	ORD	2,402	2,402
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	5,195	5,195
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	3,239	3,239
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.20	AUD	ORD	2,155	2,155
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.20	AUD	ORD	383	383
23-Aug-19	BlackRock Investment Management, LLC	on mkt sell	21.20	AUD	ORD	-2,977	-2,977
23-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,106	-8,106
23-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-17,590	-17,590
23-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-23,087	-23,087
23-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-164,271	-164,271
23-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-173,267	-173,267
23-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,091	-4,091
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.93	AUD	ORD	70	70
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	20.93	AUD	ORD	927	927
26-Aug-19	BlackRock (Singapore) Limited	on mkt sell	21.02	AUD	ORD	-1,554	-1,554
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,474	-3,474
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.06	AUD	ORD	709	709
27-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy on mkt buy	21.07	AUD	ORD	2,119	2,119
27-Aug-19	BlackRock Investment Management (UK) Limited	•	21.07	AUD	ORD	2,681	2,681
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.07	AUD	ORD	9,111	9,111
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.07	AUD	ORD	1,430	1,430
27-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	21.07	AUD	ORD	2,112	2,112
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.07	AUD	ORD	4,477	4,477
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.07	AUD	ORD	2,324	2,324
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.06	AUD	ORD	70	70
27-Aug-19	BlackRock International Limited	on mkt buy	21.04	AUD	ORD	4,282	4,282
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	21.04	AUD	ORD	-3,818	-3,818
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.13	AUD	ORD	475	475
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.13	AUD	ORD	2,393	2,393

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected	
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.13	AUD	ORD	number of	252	
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.13	AUD	ORD	3,170	3,170	
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	7,484	7,484	
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	1,824	1,824	
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.16	AUD	ORD	1,831	1,831	
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.18	AUD	ORD	-27	-27	
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.18	AUD	ORD	-1,750	-1,750	
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,896	-13,896	
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		-4,632	
28-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	AUD	ORD		53,449	
28-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD		19,149	
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.22	AUD	ORD	1,051 2,619 2,766 1,306 2,359 4,613 3,075 -1,074 282,173 441 812 1,026 2,619 2,766	186	
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.22	AUD	ORD		724	
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.22	AUD	ORD		1,051	
29-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.22	AUD	ORD		2,619	
29-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.22	AUD	ORD		2,766	
29-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.22	AUD	ORD		700	
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.22	AUD	ORD	· 	10,099	
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.22	AUD	ORD	·	1,674	
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.22	AUD	ORD		1,670	
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.22	AUD	ORD		1,306	
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	21.22	AUD	ORD		2,359	
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.22	AUD	ORD		4,613	
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.22	AUD	ORD		3,075	
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	21.25	AUD	ORD	· · · · · · · · · · · · · · · · · · ·	-1,074	
29-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD		282,173	
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.54	AUD	ORD	\$ affected  252  3,170  7,484  1,824  1,831  -27 -1,750 -13,896 -4,632 53,449  19,149 186  724  1,051 2,619 2,766  700 10,099  1,674  1,670 1,306 2,359  4,613 3,075  -1,074 282,173 441  812  1,026 264  1,049 2,619 2,766  1,033  2,777 2,203 840  2,377  5,083  3,511  1,437 766  244		441
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.54	AUD	ORD		812	
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.54	AUD	ORD	1,026	1,026	
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.54	AUD	ORD	264	264	
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.54	AUD	ORD		1,049	
30-Aug-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.54	AUD	ORD		2,619	
30-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.54	AUD	ORD		2,766	
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.54	AUD	ORD	1,633	1,633	
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.54	AUD	ORD		2,777	
30-Aug-19 30-Aug-19	BlackRock Advisors (UK) Limited BLACKROCK FINANCIAL	on mkt buy on mkt buy	21.54 21.54	AUD AUD	ORD ORD		2,203 840	
30-Aug-19	MANAGEMENT, INC. BlackRock Asset Management Canada	on mkt buy	21.54	AUD	ORD	2,377	2,377	
30-Aug-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	21.54	AUD	ORD	5.083	5,083	
30-Aug-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	21.54	AUD	ORD		3,511	
-g .c	National Association	<b>,</b>		<del>z =</del>		-,	-,0.1	
30-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	21.50	AUD	ORD	1,437	1,437	
30-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.53	AUD	ORD		766	
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	21.53	AUD	ORD	244	244	
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.53	AUD	ORD		2,646	
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,001	2,001	
30-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD		83,248	
30-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	122,360	122,360	

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY			Person's votes affected
02-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.44	AUD	ORD	102,397 1,139 4,280 2,586 -6,712 27 240 720 488 194 267,798 144 1,103 1,584 596 2,397 1,283 1,479 1,324 1,192 1,604 4,080 8,722 2,340	258
02-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.44	AUD	ORD	898	898
02-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.41	AUD	ORD	4,808	4,808
02-Sep-19	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	98,181	98,181
00.0 40	Limited			ALID	000	100.007	400.007
02-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer collateral transfer	n/a	AUD	ORD ORD		-102,397
02-Sep-19 03-Sep-19	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	on mkt buy	n/a 21.42	AUD AUD	ORD		1,139 4,280
03-Sep-19	Limited  BlackRock Investment Management	on mkt buy	21.42	AUD	ORD		2,586
05-0ер-19	(Australia) Limited	On mike buy	21.72	AOD	OND	2,500	2,300
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	21.42	AUD	ORD	-6,712	-6,712
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.42	AUD	ORD		27
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.42	AUD	ORD	240	240
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.42	AUD	ORD	720	720
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.42	AUD	ORD	488	488
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.42	AUD	ORD		194
03-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD		267,798
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.28	AUD	ORD	144	144
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.28	AUD	ORD	1,103	1,103
04-Sep-19	BlackRock Investment Management, LLC	on mkt buy	21.28	AUD	ORD	1,584	1,584
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.28	AUD	ORD	596	596
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	21.28	AUD	ORD	2,397	2,397
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	21.28	AUD	ORD	1,283	1,283
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	21.28	AUD	ORD	1,479	1,479
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	21.28	AUD	ORD		1,324
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	21.28	AUD	ORD		1,192
04-Sep-19	BlackRock Investment Management, LLC	on mkt buy	21.28	AUD	ORD	1,604	1,604
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	21.28	AUD	ORD		4,080
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	AUD	ORD	8,722	8,722
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	AUD	ORD	2,340	2,340
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	AUD	ORD	258 898 4,808 98,181 -102,397 1,139 4,280 2,586 -6,712 27 240 720 488 194 267,798 144 1,103 1,584 596 2,397 1,283 1,479 1,324 1,192 1,604 4,080 8,722 2,340 2,311 -3,364 106 54 20,580 5,145 -520,683 460 1,086 2,586 1,771 691 12,061 1,944 1,101 2,577 5,428 3,006	2,311
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	21.31	AUD	ORD	-3,364	-3,364
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.31	AUD	ORD		106
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.31	AUD	ORD		54
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		20,580
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		5,145
04-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD		-520,683
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD		460
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD		1,086
05-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.64	AUD	ORD		2,586
05-Sep-19	BlackRock Investment Management (UK)	on mkt buy	21.64	AUD	ORD	1,771	1,771
05-Sep-19	Limited BLACKROCK ADVISORS, LLC	on mkt buy	21.64	AUD	ORD	604	691
05-Sep-19 05-Sep-19	BlackRock Institutional Trust Company,	on mkt buy	21.64	AUD	ORD		12,061
	National Association						
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD		1,944
05-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	21.64	AUD	ORD	1,101	1,101
05-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	21.64	AUD	ORD	2,577	2,577
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD	5,428	5,428
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD	3,006	3,006
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.68	AUD	ORD	369	369
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	21.68	AUD	ORD		-6,656
05-Sep-19	BlackRock Investment Management, LLC	on mkt buy	21.68	AUD	ORD	978	978

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Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY			Person's votes affected
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	d number of	1,740
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,044	1,044
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,200	-1,200
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,575	8,575
05-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	242,249	242,249
06-Sep-19	BlackRock Institutional Trust Company,	on mkt buy	21.64	AUD	ORD	679	679
	National Association						
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD	972	972
06-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.64	AUD	ORD		2,360
06-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy	21.64	AUD	ORD	728	728
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD	11,158	11,158
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	21.64	AUD	ORD	1,581	1,581
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	21.64	AUD	ORD	948	948
06-Sep-19	BlackRock Asset Management Canada	on mkt buy	21.64	AUD	ORD	2,250	2,250
06-Sep-19	Limited BlackRock Institutional Trust Company,	on mkt buy	21.64	AUD	ORD	5,092	5,092
06-Sep-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	21.64	AUD	ORD	2 679	2,679
	National Association						
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	21.62	AUD	ORD	5,172	5,172
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.62	AUD	ORD	428	428
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.62	AUD	ORD	54	54
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	21.62	AUD	ORD		482
06-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	21.62	AUD	ORD		1,828
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1 392	1,392
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		-2,156
	BlackRock Japan Co., Ltd.	•		AUD	ORD		1,376
06-Sep-19	· · · · · · · · · · · · · · · · · · ·	collateral transfer	n/a n/a	AUD			
06-Sep-19 09-Sep-19	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company, National Association	collateral transfer on mkt buy	21.72	AUD	ORD ORD		2,068 361
09-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5 145	5,145
09-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD		395,830
09-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD		-264,181
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD		-135,632
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.02	AUD	ORD	99	99
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.02	AUD	ORD	587	587
10-Sep-19	BlackRock Institutional Trust Company,	on mkt buy	22.02	AUD	ORD	957	957
10 Can 10	National Association BLACKROCK ADVISORS, LLC	a in malet la cons	22.02	ALID	ORD	2 442	0.440
10-Sep-19 10-Sep-19	BlackRock Investment Management (UK)	on mkt buy on mkt buy	22.02 22.02	AUD AUD	ORD		2,113 1,770
•	Limited					-	
	BlackRock Institutional Trust Company, National Association	on mkt buy	22.02	AUD	ORD	9,479	9,479
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.02	AUD	ORD	1,283	1,283
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.02	AUD	ORD	897	897
10-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	22.02	AUD	ORD	1,891	1,891
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.02	AUD	ORD	4,113	4,113
10-Sep-19	BlackRock Institutional Trust Company,	on mkt buy	22.02	AUD	ORD	2,029	2,029
10-Sep-19	National Association  BlackRock Investment Management	on mkt buy	22.14	AUD	ORD	3,448	3,448
40.0 40	(Australia) Limited	an male burn	20.44	ALID	000	201	
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.14	AUD	ORD	891	891
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.14	AUD	ORD	321	321
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.14	AUD	ORD	642	642
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,566	1,566
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,306	-2,306
10-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-397,206	-397,206
	DI ID IAI: (IIIC): (II	11 4 14 6	,				
10-Sep-19 11-Sep-19	BlackRock Advisors (UK) Limited BlackRock Fund Advisors	collateral transfer in specie	n/a n/a	AUD AUD	ORD ORD	393,478 -1,800	393,478 -1,800

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.45	AUD	ORD	-5,368	-5,368
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.45	AUD	ORD	-3,268	-3,268
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.47	AUD	ORD	5,824	5,824
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.47	AUD	ORD	1,045	1,045
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.47	AUD	ORD	1,031	1,031
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.46	AUD	ORD	428	428
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	609	609
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,508	-4,508
11-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	20	20
11-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-411,754	-411,754
11-Sep-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	35,369	35,369
11-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	364,606	364,606
12-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.52	AUD	ORD	-3,062	-3,062
12-Sep-19	BlackRock Fund Advisors	on mkt buy	22.63	AUD	ORD	11,335	11,335
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.50	AUD	ORD	530	530
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.50	AUD	ORD	488	488
12-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	22.50	AUD	ORD	5,335	5,335
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	AUD	ORD	-9,638	-9,638
12-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	11	11
12-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5	-5
12-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-414	-414
12-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,094	6,094
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.58	AUD	ORD	206	206
•	· · · · · · · · · · · · · · · · · · ·	·	22.58	AUD	ORD	1,605	1,605
13-Sep-19 13-Sep-19	BlackRock Advisors (UK) Limited BlackRock Fund Advisors	on mkt buy in specie	22.36 n/a	AUD	ORD	637	637
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	498	498
13-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	406,652	406,652
13-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	292,038	292,038
13-Sep-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	-22,416	-22,416
13-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-256,592	-256,592
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.62	AUD	ORD	-8,732	-8,732
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,944	1,944
16-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,960	-7,960
16-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	68,378	68,378
16-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,583	5,583
16-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	67,049	67,049
17-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.61	AUD	ORD	-3,340	-3,340
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	548	548
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	844	844
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.66	AUD	ORD	548	548
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.66	AUD	ORD	-31,753	-31,753
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.66	AUD	ORD	3,107	3,107
17-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-398,718	-398,718
17-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-249,602	-249,602
17-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-18,122	-18,122
17-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-181,157	-181,157
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-383	-383
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-5,068	-5,068

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities	number of affected	Person's votes affected
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.49	AUD	ORD	-7,233	-7,233
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-471	-471
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-1,573	-1,573
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.48	AUD	ORD	-1,578	-1,578
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.48	AUD	ORD	766	766
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.48	AUD	ORD	530	530
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.48	AUD	ORD	488	488
18-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5	-5
18-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	21,386	21,386
19-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.64	AUD	ORD	-2,396	-2,396
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.68	AUD	ORD	424	424
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.68	AUD	ORD	844	844
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.68	AUD	ORD	241	241
19-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	15,041	15,041
19-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-45,289	-45,289
19-Sep-19	BlackRock Investment Management, LLC		n/a	AUD	ORD	58,134	58,134
19-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	339,633	339,633
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.84	AUD	ORD	65	65
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.77	AUD	ORD	3,017	3,017
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-660	-660
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-5,070	-5,070
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.77	AUD	ORD	742	742
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-9,094	-9,094
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	22.77	AUD	ORD	-17,386	-17,386
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-1,218	-1,218
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	AUD	ORD	-637	-637
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.77	AUD	ORD	5,886	5,886
20-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	22.77	AUD	ORD	1,763	1,763
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.77	AUD	ORD	2,082	2,082
20-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-860	-860
20-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,026	-3,026
20-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	15,400	15,400
20-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	464,735	464,735
20-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-58,134	-58,134
20-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-339,633	-339,633
23-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	80	80
23-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.91	AUD	ORD	-479	-479
23-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.91	AUD	ORD	-19,267	-19,267
23-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,430	3,430
23-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,033	-18,033
23-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-179,336	-179,336
23-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,439	5,439
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.98	AUD	ORD	96	96
24-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.98	AUD	ORD	-2,332	-2,332
24-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.97	AUD	ORD	856	856
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.97	AUD	ORD	-2,551	-2,551
24-Sep-19	BLACKROCK FINANCIAL	on mkt sell	22.97	AUD	ORD	-4,197	-4,197
	National Association						

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Date of Change	Person whose relevant interest changed  BlackRock Fund Advisors	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
24-Sep-19		in specie	n/a	AUD	ORD	872	872
24-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	134,207	134,207
24-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	97,723	97,723
24-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	164	164
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.79	AUD	ORD	624	624
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.79	AUD	ORD	-2,732	-2,732
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.79	AUD	ORD	-354	-354
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.79	AUD	ORD	-404	-404
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.79	AUD	ORD	-394	-394
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.85	AUD	ORD	3,879	3,879
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	22.85	AUD	ORD	-280	-280
25-Sep-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	1,345	1,345
25-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	335,844	335,844
25-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-400,369	-400,369
25-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	616	616
25-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	156,077	156,077
25-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	241,459	241,459
26-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	22.63	AUD	ORD	972	972
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.58	AUD	ORD	5,602	5,602
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.58	AUD	ORD	6,696	6,696
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.58	AUD	ORD	12,972	12,972
26-Sep-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-87	-87
26-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-318,891	-318,891
26-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	16	16
26-Sep-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	2,879	2,879
26-Sep-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,189	5,189
26-Sep-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-8,577	-8,577
27-Sep-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	22.84	AUD	ORD	588	588
27-Sep-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	22.84	AUD	ORD	655	655
27-Sep-19	National Association  BlackRock Investment Management (UK)	on mkt buy	22.84	AUD	ORD	1,276	1,276
<u>-</u>	Limited						
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.84	AUD	ORD	6,684	6,684
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.84	AUD	ORD	1,153	1,153
27-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	22.84	AUD	ORD	1,814	1,814
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.84	AUD	ORD	2,738	2,738
27-Sep-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.92	AUD	ORD	1,149	1,149
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	25,203	25,203
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	4,535	4,535
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	1,293	1,293
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
27-Sep-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-1,258	-1,258
27-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
27-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	429,026	429,026
27-Sep-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-3,495	-3,495
27-Sep-19	MANAGEMENT, INC.  BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-161,266	-161,266

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Date of Change	Person whose relevant interest changed  BlackRock Investment Management (UK) Limited	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
27-Sep-19		collateral transfer	n/a	AUD	ORD	-238,485	-238,485
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.65	AUD	ORD	467	467
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.54	AUD	ORD	4,310	4,310
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.54	AUD	ORD	7,924	7,924
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	22.54	AUD	ORD	-7,924	-7,924
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.54	AUD	ORD	857	857
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	22.54	AUD	ORD	844	844
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.54	AUD	ORD	32,576	32,576
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.54	AUD	ORD	898	898
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.54	AUD	ORD	-17,712	-17,712
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.54	AUD	ORD	-7,671	-7,671
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.54	AUD	ORD	-13,747	-13,747
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.54	AUD	ORD	-31,747	-31,747
30-Sep-19	BlackRock Fund Advisors	on mkt buy	22.54	AUD	ORD	6,552	6,552
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.54	AUD	ORD	5,297	5,297
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.54	AUD	ORD	4,653	4,653
30-Sep-19	BlackRock Fund Advisors	on mkt buy	22.54	AUD	ORD	5,034	5,034
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,128	-6,128
30-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	6,516	6,516
30-Sep-19 30-Sep-19	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	-408,907	-408,907
30-Sep-19	BlackRock Investment Management, LLC		n/a n/a	AUD	ORD	63,339	63,339
30-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	343,833	343,833
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.86	AUD	ORD	551	551
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.86	AUD	ORD	1,330	1,330
01-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.86	AUD	ORD	2,754	2,754
01-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.86	AUD	ORD	1,605	1,605
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.70	AUD	ORD	14,304	14,304
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.86	AUD	ORD	10,357	10,357
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.86	AUD	ORD	1,595	1,595
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.86	AUD	ORD	1,902	1,902
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.86	AUD	ORD	1,508	1,508
01-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.86	AUD	ORD	1,170	1,170
01-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	22.86	AUD	ORD	2,598	2,598
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.86	AUD	ORD	4,317	4,317
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.86	AUD	ORD	2,542	2,542
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.92	AUD	ORD	431	431
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.92	AUD	ORD	844	844
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	805	805
01-Oct-19 01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	805	805 10.060
01-Oct-19	BlackRock Investment Management (UK) Limited BlackRock Japan Co., Ltd.	in specie collateral transfer	n/a 	AUD	ORD	-10,969	-10,969
01-Oct-19 01-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD	ORD	-9,233	-1 -9,233
			, 🐱				0,200

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Limited   02-Oct-19	Person whose relevant interest changed  BlackRock Investment Management (UK)	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
02-Oct-19         BlackRown           03-Oct-19         BlackRown           04-Oct-19         BlackRown           04-Oct-19         BlackRown           04-Oct-19         BlackRown           04-Oct-19         BlackRown		collateral transfer	n/a	AUD	ORD	-2,018	-2,018
02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           Limited         User of the control of the	Rock Institutional Trust Company, nal Association	on mkt buy	22.57	AUD	ORD	262	262
02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           Limited         User of the control of the	Rock Advisors (UK) Limited	on mkt buy	22.67	AUD	ORD	535	535
02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           03-Oct-19         BlackRo           National         O3-Oct-19           03-Oct-19         BlackRo           National         O3-Oct-19           03-Oct-19         BlackRo           National         O3-Oct-19           03-Oct-19         BlackRo           04-Oct-19         Black	Rock Advisors (UK) Limited	on mkt buy	22.67	AUD	ORD	535	535
02-Oct-19         BlackRo           02-Oct-19         BlackRo           02-Oct-19         BlackRo           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           04-Oct-19         BlackRo           07-Oct-19         Black	Rock Fund Advisors	in specie	n/a	AUD	ORD	-2,100	-2,100
02-Oct-19         BlackRo           02-Oct-19         BlackRo           Limited         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           04-Oct-19         BlackRo           National         04-Oct-19           04-Oct-19         BlackRo           07-Oct-19         Blac	Rock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	141,673	141,673
02-Oct-19         BlackRo           Limited         03-Oct-19           03-Oct-19         BlackRo           Limited         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           National         03-Oct-19           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           04-Oct-19         BlackRo           National         O4-Oct-19           BlackRo         (Australi           04-Oct-19         BlackRo           07-Oct-19         Black	Rock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	245,594	245,594
Limited   O3-Oct-19	Rock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,709	-6,709
03-Oct-19         BlackRo National           03-Oct-19         BlackRo Limited           03-Oct-19         BlackRo National           03-Oct-19         BlackRo National           03-Oct-19         BlackRo Limited           03-Oct-19         BlackRo National           03-Oct-19         BlackRo National           03-Oct-19         BlackRo National           03-Oct-19         BlackRo National           04-Oct-19         BlackRo National           04-Oct-19 <t< td=""><td>Rock Investment Management (UK)</td><td>collateral transfer</td><td>n/a</td><td>AUD</td><td>ORD</td><td>9,012</td><td>9,012</td></t<>	Rock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	9,012	9,012
03-Oct-19         BlackRo Limited           03-Oct-19         BlackRo National           04-Oct-19         <	Rock Institutional Trust Company, nal Association	on mkt buy	22.43	AUD	ORD	728	728
03-Oct-19         BlackRown National           04-Oct-19         BlackRown National	Rock Investment Management (UK)	on mkt buy	22.43	AUD	ORD	1,040	1,040
National	Rock Institutional Trust Company,	on mkt sell	22.44	AUD	ORD	-6,516	-6,516
Limited   O3-Oct-19	Rock Institutional Trust Company,	on mkt buy	22.43	AUD	ORD	6,515	6,515
03-Oct-19         BlackRown           04-Oct-19         BlackRown           07-Oct-19         BlackRown	Rock Asset Management Canada	on mkt buy	22.43	AUD	ORD	1,544	1,544
03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           Limited         O4-Oct-19           04-Oct-19         BlackRo           Limited         O4-Oct-19           04-Oct-19         BlackRo           (Australi         O4-Oct-19           04-Oct-19         BlackRo           07-Oct-19         BlackR	Rock Institutional Trust Company, nal Association	on mkt buy	22.43	AUD	ORD	2,139	2,139
03-Oct-19         BlackRo           03-Oct-19         BlackRo           03-Oct-19         BlackRo           04-Oct-19         BlackRo           National         O4-Oct-19           04-Oct-19         BlackRo           (Australi           04-Oct-19         BlackRo           National         O4-Oct-19           04-Oct-19         BlackRo           07-Oct-19         BlackRo	Rock Fund Advisors	in specie	n/a	AUD	ORD	498	498
03-Oct-19         BlackRo           03-Oct-19         BlackRo           Limited         04-Oct-19           04-Oct-19         BlackRo           Limited         04-Oct-19           04-Oct-19         BlackRo           (Australi           04-Oct-19         BlackRo           07-Oct-19         BlackRo	Rock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-62,631	-62,631
03-Oct-19 BlackRo Limited  04-Oct-19 BlackRo Limited  04-Oct-19 BlackRo (Australi  04-Oct-19 BlackRo (Australi  04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-779	-779
Limited   O4-Oct-19	Rock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10,114	-10,114
National	Rock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	10,146	10,146
Limited  04-Oct-19 BlackRo (Australi  04-Oct-19 BlackRo National  04-Oct-19 BlackRo 04-Oct-19 BlackRo Limited  04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Institutional Trust Company, nal Association	on mkt buy	22.60	AUD	ORD	4,934	4,934
(Australi 04-Oct-19 BlackRo National 04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Asset Management Canada	on mkt buy	22.60	AUD	ORD	987	987
National	Rock Investment Management ralia) Limited	on mkt buy	22.65	AUD	ORD	12,068	12,068
04-Oct-19 BlackRo 04-Oct-19 BlackRo Limited 04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Institutional Trust Company, nal Association	on mkt buy	22.60	AUD	ORD	436	436
04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Advisors (UK) Limited	on mkt buy	22.65	AUD	ORD	853	853
Limited	Rock Advisors (UK) Limited	on mkt sell	22.65	AUD	ORD	-968	-968
04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Investment Management (UK) ed	on mkt buy	22.65	AUD	ORD	7,334	7,334
04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Fund Advisors	in specie	n/a	AUD	ORD	-2,400	-2,400
04-Oct-19 BlackRo 04-Oct-19 BlackRo 04-Oct-19 BlackRo Limited 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo Limited 07-Oct-19 BlackRo	Rock Fund Advisors	in specie	n/a	AUD	ORD	-1,404	-1,404
04-Oct-19 BlackRo  04-Oct-19 BlackRo  Limited  07-Oct-19 BlackRo  07-Oct-19 BlackRo  07-Oct-19 BlackRo  07-Oct-19 BlackRo  07-Oct-19 BlackRo  Limited  07-Oct-19 BlackRo	Rock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,422	-18,422
04-Oct-19 BlackRo Limited  07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo Limited  07-Oct-19 BlackRo Limited  07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-312,545	-312,545
Limited	Rock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-13,682	-13,682
07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo Limited 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	12,008	12,008
07-Oct-19 BlackRo	Rock Advisors (UK) Limited	on mkt sell	22.47	AUD	ORD	-2,116	-2,116
07-Oct-19 BlackRo	Rock Advisors (UK) Limited	on mkt sell	22.47	AUD	ORD	-141	-141
07-Oct-19 BlackRo 07-Oct-19 BlackRo Limited 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Advisors (UK) Limited	on mkt buy	22.47	AUD	ORD	424	424
07-Oct-19 BlackRo Limited 07-Oct-19 BlackRo 07-Oct-19 BlackRo 07-Oct-19 BlackRo	Rock Advisors (UK) Limited	on mkt buy	22.47	AUD	ORD	55	55
07-Oct-19 BlackRo	Rock Investment Management (UK)	in specie	n/a	AUD	ORD	-2,976	-2,976
07-Oct-19 BlackRo	Rock Fund Advisors	in specie	n/a	AUD	ORD	2,398	2,398
07-Oct-19 BlackRo	Rock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2	2
	Rock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
07-Oct-19 BlackRo	Rock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-794	-794
07-Oct-19 BlackRo	Rock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,665	-3,665
08-Oct-19 BlackRo	Rock Investment Management ralia) Limited	in specie	n/a	AUD	ORD	76,357	76,357
08-Oct-19 BlackRo	Rock Investment Management ralia) Limited	on mkt sell	22.51	AUD	ORD	-2,035	-2,035
	CKROCK ADVISORS, LLC	on mkt buy	22.52	AUD	ORD	1,641	1,641
	Rock Investment Management (UK)	on mkt buy	22.52	AUD	ORD	1,083	1,083

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Date of Change	Person whose relevant interest changed	changed Consideration given in relation to CCY securities affected change (7)		Person's votes affected			
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.52	AUD	ORD	7,201	7,201
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.52	AUD	ORD	989	989
08-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	22.52	AUD	ORD	1,467	1,467
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.52	AUD	ORD	2,971	2,971
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.52	AUD	ORD	1,981	1,981
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.51	AUD	ORD	9,913	9,913
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	22.51	AUD	ORD	-231	-231
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.51	AUD	ORD	954	954
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.51	AUD	ORD	1,971	1,971
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.51	AUD	ORD	25,005	25,005
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.51	AUD	ORD	2,077	2,077
08-Oct-19 08-Oct-19	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	in specie collateral transfer	n/a n/a	AUD AUD	ORD ORD	-29,393 -1	-29,393 -1
08-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,023	-2,023
	-						
08-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,449	-2,449
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.31	AUD	ORD	138	138
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.31	AUD	ORD	247	247
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.31	AUD	ORD	326	326
09-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	22.31	AUD	ORD	1,681	1,681
09-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	22.31 22.31	AUD AUD	ORD ORD	924	924
09-Oct-19 09-Oct-19	BlackRock Japan Co., Ltd.  BlackRock Investment Management	on mkt buy on mkt sell	22.33	AUD	ORD	1,005 -5,318	1,005 -5,318
09-Oct-19	(Australia) Limited  BlackRock Investment Management	on mkt sell	22.33	AUD	ORD	-2,559	-2,559
09-Oct-19	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	22.33	AUD	ORD	10,301	10,301
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	22.33	AUD	ORD	-4,646	-4,646
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.33	AUD	ORD	-3,490	-3,490
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.33	AUD	ORD	2,540	2,540
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,187	-5,187
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,187	-5,187
09-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	-2
09-Oct-19 09-Oct-19	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	7,497 -7,252	7,497 -7,252
09-Oct-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	9,376	9,376
10-Oct-19	Limited BlackRock Institutional Trust Company,	on mkt buy	22.71	AUD	ORD	725	725
10.0	National Association		00.74	4115	000	0.000	2 222
10-Oct-19 10-Oct-19	BLACKROCK ADVISORS, LLC BlackRock Investment Management (UK)	on mkt buy on mkt buy	22.71 22.71	AUD AUD	ORD ORD	2,936 2,247	2,936 2,247
10-Oct-19	Limited  BlackRock Institutional Trust Company, National Association	on mkt buy	22.71	AUD	ORD	8,789	8,789
10-Oct-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	22.71	AUD	ORD	1,077	1,077
10-Oct-19	National Association  BlackRock Asset Management Canada Limited	on mkt buy	22.71	AUD	ORD	1,497	1,497
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.71	AUD	ORD	5,936	5,936
10-Oct-19	BlackRock Institutional Trust Company,	on mkt buy	22.71	AUD	ORD	3,831	3,831
10-Oct-19	National Association  BlackRock Investment Management (UK)	on mkt buy	22.41	AUD	ORD	4,373	4,373
10-Oct-19	Limited  BlackRock Institutional Trust Company, National Association	on mkt buy	22.69	AUD	ORD	70	70
10-Oct-19	National Association BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	834	834

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and i securities		Person's votes affected
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	844	844
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	1,710	1,710
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	22.82	AUD	ORD	-3,174	-3,17
10-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	22.82	AUD	ORD	3,959	3,959
10-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	57,746	57,746
10-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4	
10-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,034	5,034
10-Oct-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,363	-3,363
11-Oct-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	22.90	AUD	ORD	77	77
11-Oct-19	National Association  BlackRock Investment Management (UK)	on mkt buy	22.88	AUD	ORD	1,621	1,62
11-Oct-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	22.88	AUD	ORD	2,418	2,41
11.0 . 10	National Association	1.41	00.04		000	400	40
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.84	AUD	ORD	428	428
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	22.84	AUD	ORD	-222	-22
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	22.84	AUD	ORD	-366	-366
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	444	444
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,200	2,200
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,200	2,200
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,400	4,40
11-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	
11-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-5,827	-5,82
11-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8,603	8,603
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,376	9,370
14-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.13	AUD	ORD	856	850
14-Oct-19	BlackRock Investment Management, LLC		23.13	AUD	ORD	-847	-84
14-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	23,817	23,81
14-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	00.45
14-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-28,159	-28,159
14-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-381,482	-381,482
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	504	504
15-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.30	AUD	ORD	-2,780	-2,78
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.32	AUD	ORD	1,175	1,175
15-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.32	AUD	ORD	3,493	3,493
15-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.32	AUD	ORD	1,878	1,878
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.32	AUD	ORD	12,239	12,239
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.32	AUD	ORD	1,992	1,992
15-Oct-19	BLACKROCK FINANCIAL	on mkt buy	23.32	AUD	ORD	1,046	1,046
15-Oct-19	MANAGEMENT, INC.  BlackRock Asset Management Canada	on mkt buy	23.32	AUD	ORD	2,949	2,949
15-Oct-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.32	AUD	ORD	6,537	6,537
15-Oct-19	National Association  BlackRock Institutional Trust Company, National Association	on mkt buy	23.32	AUD	ORD	2,759	2,759
15-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.32	AUD	ORD	857	85
15-Oct-19 15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	205	
15-Oct-19 15-Oct-19	. ,			AUD	ORD	205	209
	BlackRock Advisors (UK) Limited	on mkt buy	23.37				280
15-Oct-19	BlackRock Japan Co., Ltd.	on mkt sell	23.37	AUD	ORD	-3,787	-3,787
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
15-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	454.074
15-Oct-19 16-Oct-19	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	collateral transfer on mkt buy	n/a 23.70	AUD AUD	ORD ORD	151,271 239	151,27 <sup>2</sup> 239
16-Oct-19	National Association  BlackRock Asset Management Canada	on mkt buy	23.70	AUD	ORD	700	700
16-Oct-19	Limited  BlackRock Investment Management (UK)	on mkt buy	23.76	AUD	ORD	26,235	26,235
16. Oct 10	Limited  BlackRock Institutional Trust Company,	on mkt huy	23.69	AUD	ORD	819	819
16-Oct-19	National Association	on mkt buy	<b>23.</b> 09	AUD	UKD	819	819

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Date of Change	Person whose relevant interest changed	Nature of o Consideration gi chan		CCY	Class and number of securities affected		Person's votes affected
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.69	AUD	ORD	-3,280	-3,280
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.69	AUD	ORD	-451	-451
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.69	AUD	ORD	-6,410	-6,410
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.69	AUD	ORD	-3,106	-3,106
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.69	AUD	ORD	-7,072	-7,072
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.69	AUD	ORD	936	936
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.69	AUD	ORD	366	366
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.69	AUD	ORD	353	353
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.59	AUD	ORD	383	383
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.59	AUD	ORD	1,698	1,698
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.59	AUD	ORD	1,060	1,060
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.59	AUD	ORD	435	435
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.59	AUD	ORD	530	530
16-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	257,238	257,238
17-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.46	AUD	ORD	1,448	1,448
17-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.46	AUD	ORD	628	628
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.46	AUD	ORD	4,555	4,555
17-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	23.46	AUD	ORD	1,422	1,422
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.46	AUD	ORD	3,555	3,555
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.46	AUD	ORD	-2,801	-2,801
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.49	AUD	ORD	1,278	1,278
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.49	AUD	ORD	280	280
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.49	AUD	ORD	120	120
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.49	AUD	ORD	196	196
17-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	974	974
18-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.25	AUD	ORD	1,476	1,476
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.25	AUD	ORD	5,132	5,132
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.25	AUD	ORD	2,241	2,241
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.22	AUD	ORD	2,130	2,130
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.22	AUD	ORD	420	420
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.22	AUD	ORD	315	315
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.22	AUD	ORD	2,205	2,205
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.22	AUD	ORD	-11,369	-11,369
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,610	1,610
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,064	-3,064
18-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	27,305	27,305
18-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-409,487	-409,487
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.34	AUD	ORD	-2,738	-2,738
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.34	AUD	ORD	1,599	1,599
21-Oct-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	1,726	1,726
21-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	22,331	22,331
21-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	812,110	812,110
22-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.56	AUD	ORD	77	77
22-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.55	AUD	ORD	766	766
22.2.1.2	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3	-3
22-Oct-19		•					
22-Oct-19 22-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	406,046	406,046

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.18	AUD	ORD	-441	-44′
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.18	AUD	ORD	-5,839	-5,839
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.44	AUD	ORD	243	243
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.44	AUD	ORD	122	122
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.44	AUD	ORD	366	360
23-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.44	AUD	ORD	1,383	1,383
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.44	AUD	ORD	7,121	7,12
23-Oct-19	BlackRock Fund Advisors	on mkt buy	23.44	AUD	ORD	10,626	10,626
23-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	13,107	13,107
23-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-32,834	-32,83
24-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.55	AUD	ORD	658	658
24-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.69	AUD	ORD	19,001	19,00
24-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.58	AUD	ORD	-2,603	-2,603
24-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	23.55	AUD	ORD	-873	-873
24-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	23.55	AUD	ORD	-486	-486
24-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	23.33 n/a	AUD	ORD	7,877	7,877
24-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-374,568	-374,568
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-11,267	-11,267
25-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.68	AUD	ORD	637	637
25-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.68	AUD	ORD	1,694	1,694
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.68	AUD	ORD	15,710	15,710
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.68	AUD	ORD	-1,574	-1,57
25-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,610	1,610
25-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	26,315	26,315
25-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-410,124	-410,124
25-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	117,281	117,28
25-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	243,267	243,267
25-Oct-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	13,785	13,78
28-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	506	506
28-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.42	AUD	ORD	8,533	8,533
28-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,038	-5,038
28-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,751	-4,75°
28-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	19,729	19,729
28-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-23,487	-23,487
28-Oct-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,069	4,069
29-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	253	253
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	23.31	AUD	ORD	-1,945	-1,945
29-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.34	AUD	ORD	1,641	1,64
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.40	AUD	ORD	2,556	2,556
29-Oct-19	BlackRock Investment Management, LLC	on mkt sell	23.40	AUD	ORD	-5,063	-5,063
29-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-26,612	-26,612
29-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	392,760	392,760
29-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-137,010	-137,010
29-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	182,541	182,54
29-Oct-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-17,854	-17,854
30-Oct 10	BlackRock Institutional Trust Company,	on mkt huy	23 UE	AUD	ORD	011	844
30-Oct-19	National Association	on mkt buy	23.06	AUD	UKD	844	84

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30-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.15	AUD	ORD	36,078	36,078
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.06	AUD	ORD	210	210
30-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	23.00	AUD	ORD	844	844
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.00	AUD	ORD	-5,190	-5,190
30-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,916	6,916
30-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3	-3
30-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-113,071	-113,071
30-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	21,760	21,760
31-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,576	1,576
31-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,524	1,524
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	1,653	1,653
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	1,485	1,485
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	1,400	1,400
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.94	AUD	ORD	1,151	1,151
31-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.94	AUD	ORD	4,149	4,149
31-Oct-19	BlackRock International Limited	on mkt buy	22.94	AUD	ORD	2,584	2,584
31-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.94	AUD	ORD	3,350	3,350
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	1,248	1,248
31-Oct-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.94	AUD	ORD	1,214	1,214
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	18,849	18,849
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	2,671	2,671
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.94	AUD	ORD	2,133	2,133
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.94	AUD	ORD	1,399	1,399
31-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.94	AUD	ORD	1,083	1,083
31-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	22.94	AUD	ORD	780	780
31-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	22.94	AUD	ORD	4,106	4,106
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.94	AUD	ORD	5,684	5,684
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.90	AUD	ORD	15,585	15,585
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.90	AUD	ORD	954	954
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	22.90	AUD	ORD	544	544
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.90	AUD	ORD	-15,865	-15,865
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	2,791	2,791
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	3,621	3,621
31-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-675,566	-675,566
31-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-424,082	-424,082
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	768	768

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01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	4,873	4,873
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	4,505	4,505
01-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.26	AUD	ORD	10,808	10,808
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.26	AUD	ORD	4,393	4,393
01-Nov-19	BlackRock International Limited	on mkt buy	23.26	AUD	ORD	6,837	6,837
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	29,117	29,117
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	38,019	38,019
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	5,774	5,774
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.26	AUD	ORD	4,912	4,912
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.26	AUD	ORD	3,955	3,955
01-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	23.26	AUD	ORD	8,485	8,485
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	15,198	15,198
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	12,511	12,511
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	459	459
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	1,579	1,579
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	2,766	2,766
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.26	AUD	ORD	1,728	1,728
01-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.26	AUD	ORD	1,435	1,435
01-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	23.26	AUD	ORD	1,176	1,176
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.26	AUD	ORD	1,811	1,811
01-Nov-19	BlackRock Investment Management, LLC	on mkt buy	23.26	AUD	ORD	873	873
01-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.26	AUD	ORD	3,361	3,361
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	1,701	1,701
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.26	AUD	ORD	3,073	3,073
01-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.26	AUD	ORD	1,675	1,675
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.26	AUD	ORD	3,896	3,896
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.26	AUD	ORD	2,334	2,334
01-Nov-19	BlackRock Asset Management Canada	on mkt buy	23.26	AUD	ORD	1,773	1,773
01-Nov-19	Limited  BlackRock Advisors (UK) Limited	on mkt buy	23.73	AUD	ORD	5,238	5,238
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.73	AUD	ORD	-1,045	-1,045
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,465	1,465
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,156	2,156
01-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	104,468	104,468
04-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.61	AUD	ORD	1,226	1,226
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.63	AUD	ORD	2,556	2,556
04-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,078	1,078

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04-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
04-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	404,253	404,253
04-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5	5
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.76	AUD	ORD	1,330	1,330
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.76	AUD	ORD	1,115	1,115
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.76	AUD	ORD	2,860	2,860
05-Nov-19	BlackRock Investment Management (UK)	on mkt buy	23.76	AUD	ORD	2,286	2,286
05-Nov-19	Limited  BlackRock Asset Management Canada Limited	on mkt buy	23.76	AUD	ORD	1,076	1,076
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.71	AUD	ORD	3,408	3,408
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	2,547	2,547
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	208	208
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	728	728
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	54	54
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	55	55
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	162	162
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.71	AUD	ORD	392	392
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,374	10,374
05-Nov-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	274	274
05-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-399,138	-399,138
05-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	792	792
05-Nov-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	15,652	15,652
05-Nov-19	MANAGEMENT, INC.  BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	238,015	238,015
05-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	154,624	154,624
06-Nov-19	Limited  BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-3,037	-3,037
06-Nov-19	National Association  BlackRock Investment Management (UK)	on mkt buy	23.67	AUD	ORD	45,286	45,286
06-Nov-19	Limited  BlackRock Investment Management	on mkt sell	23.59	AUD	ORD	-2,630	-2,630
06-Nov-19	(Australia) Limited BlackRock Investment Management	on mkt sell	23.59	AUD	ORD	-384	-384
06-Nov-19	(Australia) Limited BlackRock Investment Management	on mkt sell	23.59	AUD	ORD	-4,603	-4,603
06-Nov-19	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	23.60	AUD	ORD	967	967
06-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.58	AUD	ORD	366	366
06-Nov-19	National Association BlackRock Japan Co., Ltd.	on mkt buy	23.58	AUD	ORD	1,529	1,529
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.51	AUD	ORD	530	530
06-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,617	1,617
06-Nov-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-274	-274
06-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-591	-591

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06-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-794	-794
06-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-15,652	-15,652
06-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-238,015	-238,015
06-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-154,624	-154,624
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,035	5,035
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,325	7,325
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.89	AUD	ORD	1,013	1,013
07-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.93	AUD	ORD	641	641
07-Nov-19	National Association  BlackRock Investment Management	on mkt buy	23.91	AUD	ORD	3,764	3,764
07-Nov-19	(Australia) Limited BLACKROCK ADVISORS, LLC	on mkt buy	23.93	AUD	ORD	2,406	2,406
07-Nov-19	BlackRock International Limited	on mkt buy	23.93	AUD	ORD	1,972	1,972
07-Nov-19	BlackRock Investment Management (UK)	on mkt buy	23.93	AUD	ORD	3,164	3,164
07-Nov-19	Limited BlackRock Advisors (UK) Limited	on mkt buy	23.93	AUD	ORD	1,677	1,677
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.93	AUD	ORD	1,325	1,325
07-Nov-19	BlackRock Asset Management Canada	on mkt buy	23.93	AUD	ORD	1,009	1,009
07-Nov-19	Limited  BlackRock Investment Management	on mkt buy	23.99	AUD	ORD	766	766
07-Nov-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	23.99	AUD	ORD	-845	-845
	,						
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.99	AUD	ORD	4,518	4,518
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.99	AUD	ORD	9,445	9,445
07-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.99	AUD	ORD	1,976	1,976
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,645	8,645
07-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	132,503	132,503
07-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	275,735	275,735
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,344	2,344
08-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	24.10	AUD	ORD	1,041	1,041
08-Nov-19	National Association  BlackRock Investment Management (UK)	on mkt buy	24.09	AUD	ORD	2,458	2,458
08-Nov-19	Limited  BlackRock Advisors (UK) Limited	on mkt buy	24.04	AUD	ORD	5,094	5,094
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	24.18	AUD	ORD	735	735
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	24.18	AUD	ORD	109	109
08-Nov-19	BlackRock Investment Management (UK)	on mkt buy	24.18	AUD	ORD	11,322	11,322
08-Nov-19	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,860	5,860
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	805	805
08-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-480,021	-480,021
08-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-64,887	-64,887
08-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-68,572	-68,572
08-Nov-19	Limited BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-9,732	-9,732
	National Association						

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08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,072	-12,072
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,801	9,801
11-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	24.20	AUD	ORD	300	300
11-Nov-19	BlackRock Investment Management	on mkt buy	24.24	AUD	ORD	852	852
11-Nov-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	24.24	AUD	ORD	1,726	1,726
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	24.24	AUD	ORD	-584	-584
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	24.24	AUD	ORD	728	728
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	24.24	AUD	ORD	728	728
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	24.24	AUD	ORD	844	844
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
11-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	209,146	209,146
11-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-207,163	-207,163
12-Nov-19	Limited  BlackRock Fund Advisors	on mkt sell	23.86	AUD	ORD	-54,119	-54,119
12-Nov-19	BlackRock Fund Advisors	on mkt sell	23.86	AUD	ORD	-14,228	-14,228
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,548	10,548
12-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.86	AUD	ORD	354	354
12-Nov-19	National Association  BlackRock Investment Management (UK)	on mkt buy	23.86	AUD	ORD	1,561	1,561
12-Nov-19	Limited  BlackRock Advisors (UK) Limited	on mkt sell	23.85	AUD	ORD	-3,524	-3,524
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.85	AUD	ORD	243	243
12-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.85	AUD	ORD	73,109	73,109
12-Nov-19	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	805	805
12-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-411,740	-411,740
13-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.69	AUD	ORD	867	867
13-Nov-19	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,425	4,425
13-Nov-19	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-74	-74
13-Nov-19	National Association BlackRock Investment Management	on mkt buy	23.63	AUD	ORD	383	383
13-Nov-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	23.63	AUD	ORD	3,670	3,670
13-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.63	AUD	ORD	15,692	15,692
13-Nov-19	National Association BlackRock Investment Management (UK)	on mkt buy	23.63	AUD	ORD	2,814	2,814
13-Nov-19	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,477	22,477
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,374	10,374
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,645	8,645
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,916	6,916
14-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.42	AUD	ORD	209	209
14-Nov-19	National Association  BlackRock Investment Management (UK)	on mkt buy	23.39	AUD	ORD	1,456	1,456
14-Nov-19	Limited  BlackRock Investment Management	on mkt buy	23.35	AUD	ORD	2,556	2,556

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and i securities		Person's votes affected
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.35	AUD	ORD	859	859
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.35	AUD	ORD	110	110
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.35	AUD	ORD	-1,768	-1,768
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	530	530
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,645	8,645
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,064	-3,064
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,103	12,103
14-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,748	1,748
14-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	349	349
14-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	20,516	20,516
15-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.81	AUD	ORD	412	412
15-Nov-19	National Association BLACKROCK ADVISORS, LLC	on mkt buy	23.85	AUD	ORD	3,572	3,572
15-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.85	AUD	ORD	1,293	1,293
15-Nov-19	BlackRock Investment Management (UK)	on mkt buy	23.85	AUD	ORD	4,414	4,414
15-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.85	AUD	ORD	7,447	7,447
15-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.85	AUD	ORD	1,088	1,088
15-Nov-19	National Association  BlackRock Asset Management Canada	on mkt buy	23.85	AUD	ORD	1,753	1,753
15-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.85	AUD	ORD	2,782	2,782
15-Nov-19	National Association  BlackRock Investment Management	on mkt buy	23.85	AUD	ORD	3,408	3,408
15-Nov-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	23.85	AUD	ORD	318	318
15-Nov-19	BlackRock Institutional Trust Company,	on mkt sell	23.85	AUD	ORD	-2,455	-2,455
15-Nov-19	National Association BlackRock Japan Co., Ltd.	on mkt sell	23.35	AUD	ORD	-3,667	-3,667
15-Nov-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,258	-4,258
15-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-56	-56
15-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	170,875	170,875
15-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	494	494
15-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	23,895	23,895
15-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	35,382	35,382
18-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,950	2,950
18-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,608	-5,608
18-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.55	AUD	ORD	176	176
18-Nov-19	National Association  BlackRock Institutional Trust Company, National Association	on mkt buy	23.55	AUD	ORD	819	819
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.60	AUD	ORD	3,408	3,408
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.60	AUD	ORD	954	954
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.60	AUD	ORD	530	530
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.60	AUD	ORD	-1,478	-1,478

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and n securities		Person's votes affected
18-Nov-19	BlackRock International Limited	on mkt sell	23.60	AUD	ORD	-1,133	-1,133
18-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7	-7
18-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,755	-7,755
	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	237	237
	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-764	-764
	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-428	-428
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,376	9,376
	BlackRock Institutional Trust Company, National Association	on mkt buy	23.75	AUD	ORD	380	380
	BLACKROCK ADVISORS, LLC	on mkt buy	23.76	AUD	ORD	2,929	2,929
	BlackRock Investment Management (UK) Limited	on mkt buy	23.76	AUD	ORD	3,227	3,227
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.76	AUD	ORD	5,220	5,220
19-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.76	AUD	ORD	933	933
19-Nov-19	National Association  BlackRock Asset Management Canada	on mkt buy	23.76	AUD	ORD	1,814	1,814
19-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.76	AUD	ORD	3,360	3,360
19-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.76	AUD	ORD	3,267	3,267
	National Association BlackRock Japan Co., Ltd.	on mkt sell	23.80	AUD	ORD	-1,134	-1,134
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.80	AUD	ORD	-6,556	-6,556
19-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	664	664
	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	21	21
	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-669	-669
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-25	-25
20-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.71	AUD	ORD	550	550
20-Nov-19	National Association  BlackRock Investment Management	on mkt buy	23.76	AUD	ORD	3,408	3,408
	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	23.76	AUD	ORD	2,596	2,596
	BlackRock Institutional Trust Company, National Association	on mkt buy	23.76	AUD	ORD	820	820
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	702	702
20-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,001	-4,001
	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	106	106
	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,868	2,868
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	1,015	1,015
21-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.63	AUD	ORD	1,943	1,943
21-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.63	AUD	ORD	609	609
21-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.63	AUD	ORD	601	601
21-Nov-19	National Association  BlackRock Investment Management	on mkt buy	23.63	AUD	ORD	827	827
21-Nov-19	(Australia) Limited BlackRock Investment Management (UK)	on mkt buy	23.64	AUD	ORD	1,522	1,522
	Limited						1,704

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.64	AUD	ORD	-885	-885
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.64	AUD	ORD	197	197
21-Nov-19	BlackRock Institutional Trust Company,	on mkt buy	23.64	AUD	ORD	2,493	2,493
21-Nov-19	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,916	6,916
21-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	340,646	340,646
21-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,546	3,546
21-Nov-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-147	-147
21-Nov-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,176	-2,176
21-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-50,540	-50,540
22-Nov-19	Limited  BlackRock Investment Management (UK)	on mkt buy	23.67	AUD	ORD	935	935
22-Nov-19	Limited BlackRock Fund Advisors	on mkt buy	23.69	AUD	ORD	11,115	11,115
22-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.69	AUD	ORD	207	207
	` '	•					
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,078	1,078
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,809	3,809
22-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,966	1,966
22-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-232,902	-232,902
22-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,973	-18,973
22-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-711	-711
22-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	257	257
22-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	5,602	5,602
25-Nov-19	Limited  BlackRock Investment Management	on mkt buy	23.41	AUD	ORD	766	766
25-Nov-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	23.41	AUD	ORD	-2,655	-2,655
25-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.41	AUD	ORD	742	742
25-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	393,331	393,331
25-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	206,972	206,972
25-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,041	-1,041
25-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-154	-154
26-Nov-19	Limited  BlackRock Investment Management	on mkt buy	23.56	AUD	ORD	2,470	2,470
26-Nov-19	(Australia) Limited  BlackRock Investment Management (UK)	on mkt buy	23.56	AUD	ORD	1,163	1,163
26-Nov-19	Limited  BlackRock Investment Management	on mkt buy	23.54	AUD	ORD	468	468
	(Australia) Limited						
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.54	AUD	ORD	-4,410	-4,410
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	420	420
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	574	574
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.54	AUD	ORD	144	144
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	23.54	AUD	ORD	540	540
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.54	AUD	ORD	-824	-824

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Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ige (7)	CCY	Class and r securities		Person's votes affected
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.54	AUD	ORD	1,542	1,542
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.54	AUD	ORD	5,856	5,856
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.54	AUD	ORD	-4,239	-4,239
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.54	AUD	ORD	-1,783	-1,783
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.54	AUD	ORD	-359	-359
26-Nov-19	BlackRock Investment Management, LLC	on mkt sell	23.54	AUD	ORD	-227	-227
26-Nov-19	BlackRock Fund Advisors	on mkt sell	23.54	AUD	ORD	-3,479	-3,479
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.54	AUD	ORD	-1,925	-1,925
26-Nov-19	BlackRock Fund Advisors	on mkt buy	23.54	AUD	ORD	11,802	11,802
26-Nov-19	BlackRock Fund Advisors	on mkt buy	23.54	AUD	ORD	3,102	3,102
26-Nov-19	BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-1,127	-1,127
26-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.54	AUD	ORD	5,528	5,528
26-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.54	AUD	ORD	21,029	21,029
26-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.54	AUD	ORD	11,302	11,302
26-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.54	AUD	ORD	2,971	2,971
26-Nov-19	National Association  BlackRock Asset Management Canada	on mkt sell	23.54	AUD	ORD	-1,138	-1,138
26-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-362	-362
26-Nov-19	National Association  BlackRock Investment Management, LLC	on mkt buy	23.54	AUD	ORD	6,754	6,754
26-Nov-19	BlackRock Investment Management, LLC	on mkt buy	23.54	AUD	ORD	1,778	1,778
26-Nov-19	BlackRock Investment Management, LLC	on mkt sell	23.54	AUD	ORD	-8,213	-8,213
26-Nov-19	BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-399	-399
26-Nov-19	National Association  BlackRock Investment Management (UK)	on mkt sell	23.54	AUD	ORD	-13,359	-13,359
26-Nov-19	Limited BLACKROCK FINANCIAL	on mkt sell	23.54	AUD	ORD	-1,015	-1,015
26-Nov-19	MANAGEMENT, INC. BLACKROCK FINANCIAL	on mkt sell	23.54	AUD	ORD	-242	-242
26-Nov-19	MANAGEMENT, INC. BlackRock Fund Advisors	on mkt sell	23.54	AUD	ORD	-506	-506
26-Nov-19	BlackRock Investment Management (UK)	on mkt buy	23.54	AUD	ORD	7,082	7,082
26-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-3,218	-3,218
26-Nov-19	National Association  BlackRock Investment Management (UK)	on mkt buy	23.54	AUD	ORD	2,072	2,072
26-Nov-19	Limited  BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	3,657	3,657
26-Nov-19	BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-40,305	-40,305
26-Nov-19	National Association BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-16,952	-16,952
26-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-3,413	-3,413
26-Nov-19	National Association  BlackRock Fund Advisors	on mkt buy	23.54	AUD	ORD	126,153	126,153
26-Nov-19						· 	
	BlackRock Fund Advisors	on mkt sell	23.54	AUD	ORD	-33,072	-33,072
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	881	881
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	42,042	42,042

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	23.54	AUD	ORD	-7,518	-7,518
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.54	AUD	ORD	4,465	4,465
	BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-10,715	-10,715
26-Nov-19	National Association BlackRock Investment Management	on mkt buy	23.54	AUD	ORD	3,658	3,658
26-Nov-19	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-3,437	-3,437
26-Nov-19	National Association BlackRock Institutional Trust Company,	on mkt sell	23.54	AUD	ORD	-3,791	-3,791
	National Association BlackRock Investment Management (UK)	on mkt sell	23.54	AUD	ORD	-52,176	-52,176
	Limited BLACKROCK FINANCIAL	on mkt sell	23.54	AUD	ORD	-9,655	-9,655
	MANAGEMENT, INC.						
	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	23.54	AUD	ORD	-945	-945
26-Nov-19	BlackRock Fund Advisors	on mkt sell	23.54	AUD	ORD	-4,813	-4,813
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-129,320	-129,320
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	7,499	7,499
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-269,730	-269,730
26-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-89,080	-89,080
26-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	736	736
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-375	-375
27-Nov-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.80	AUD	ORD	110	110
27-Nov-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.83	AUD	ORD	714	714
27-Nov-19	National Association BlackRock Institutional Trust Company,	on mkt buy	23.83	AUD	ORD	113	113
27-Nov-19	National Association BlackRock Institutional Trust Company,	on mkt buy	23.83	AUD	ORD	109	109
	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,720	4,720
27-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	87,518	87,518
27-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	33,765	33,765
	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,846	-2,846
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	1,116	1,116
	Limited  BlackRock Investment Management	on mkt buy	23.93	AUD	ORD	3,408	3,408
	(Australia) Limited	•					
	BlackRock Institutional Trust Company, National Association	on mkt buy	23.93	AUD	ORD	2,555	2,555
28-Nov-19	BlackRock Fund Advisors	on mkt buy	23.93	AUD	ORD	5,419	5,419
28-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	392,473	392,473
28-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-296,361	-296,36
28-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-20,262	-20,262
	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	376,115	376,115
	Limited BlackRock Advisors (UK) Limited	on mkt buy	23.78	AUD	ORD	139	139
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.78	AUD	ORD	212	212
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	23.78	AUD	ORD	344	344
	BlackRock Investment Management (UK)	on mkt sell	23.78	AUD	ORD	-31,724	-31,724

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities		Person's votes affected
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.78	AUD	ORD	2,571	2,571
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-13,356	-13,356
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	13,356	13,356
29-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-129,406	-129,406
29-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	186,340	186,340
29-Nov-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-381,223	-381,223
02-Dec-19	Limited  BlackRock Advisors (UK) Limited	on mkt sell	23.62	AUD	ORD	-882	-882
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.62	AUD	ORD	1,050	1,050
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.62	AUD	ORD	424	424
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.62	AUD	ORD	286	286
02-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-21,511	-21,511
02-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2	2
02-Dec-19	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-117,564	-117,564
03-Dec-19	National Association BlackRock Japan Co., Ltd.	on mkt sell	22.96	AUD	ORD	-1,739	-1,739
03-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.95	AUD	ORD	316	316
03-Dec-19	National Association	·	22.93	AUD	ORD		1,184
	BlackRock Institutional Trust Company, National Association	on mkt buy				1,184	
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.93	AUD	ORD	912	912
03-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.95	AUD	ORD	868	868
03-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.93	AUD	ORD	4,804	4,804
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.93	AUD	ORD	5,215	5,215
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.93	AUD	ORD	1,794	1,794
03-Dec-19	BlackRock International Limited	on mkt buy	22.93	AUD	ORD	2,006	2,006
03-Dec-19	BlackRock Investment Management (UK)	on mkt buy	22.93	AUD	ORD	3,287	3,287
03-Dec-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	22.93	AUD	ORD	10,451	10,451
03-Dec-19	National Association BLACKROCK ADVISORS, LLC	on mkt buy	22.93	AUD	ORD	797	797
03-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.93	AUD	ORD	8,869	8,869
03-Dec-19	National Association BlackRock Institutional Trust Company,	on mkt buy	22.93	AUD	ORD	1,708	1,708
03-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	22.93	AUD	ORD	4,448	4,448
03-Dec-19	National Association  BlackRock Advisors (UK) Limited	on mkt buy	22.93	AUD	ORD	2,127	2,127
03-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.93	AUD	ORD	1,650	1,650
03-Dec-19	BLACKROCK FINANCIAL	on mkt buy	22.93	AUD	ORD	687	687
03-Dec-19	MANAGEMENT, INC.  BlackRock Asset Management Canada	on mkt buy	22.93	AUD	ORD	3,280	3,280
	Limited						
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.93	AUD	ORD	4,560	4,560
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.93	AUD	ORD	4,550	4,550
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.59	AUD	ORD	1,923	1,923
03-Dec-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-9,387	-9,387

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
03-Dec-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	675	675
03-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-82,090	-82,090
03-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-186,342	-186,342
03-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	10,103	10,103
03-Dec-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	114,143	114,143
03-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	61,423	61,423
04-Dec-19	Limited  BlackRock Investment Management (UK)	on mkt sell	22.54	AUD	ORD	-2,178	-2,178
04-Dec-19	Limited  BlackRock Investment Management	on mkt buy	22.71	AUD	ORD	4,023	4,023
04-Dec-19	(Australia) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,366	3,366
04-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.70	AUD	ORD	1,372	1,372
04-Dec-19	National Association  BlackRock Investment Management, LLC	on mkt buy	22.72	AUD	ORD	1,677	1,677
04-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.72	AUD	ORD	342	342
04-Dec-19	National Association BlackRock Japan Co., Ltd.	on mkt buy	22.72	AUD	ORD	959	959
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	22.72	AUD	ORD	1,178	1,178
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	22.72	AUD	ORD	1,325	1,325
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	22.72	AUD	ORD	1,580	1,580
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	22.72	AUD	ORD	1,112	1,112
04-Dec-19	BlackRock Investment Management (UK)	on mkt buy	22.72	AUD	ORD	1,680	1,680
04-Dec-19	Limited BlackRock Investment Management, LLC	on mkt buy	22.72	AUD	ORD	1,498	1,498
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	22.73	AUD	ORD	4,883	4,883
04-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.70	AUD	ORD	76	76
04-Dec-19	National Association  BlackRock Investment Management	on mkt buy	22.76	AUD	ORD	426	426
04-Dec-19	(Australia) Limited BlackRock Investment Management	on mkt buy	22.76	AUD	ORD	2,556	2,556
	(Australia) Limited						
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.76	AUD	ORD	286	286
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	22.76	AUD	ORD	-366	-366
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	22.76	AUD	ORD	-610	-610
04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.76	AUD	ORD	25,002	25,002
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	22.76	AUD	ORD	-13,432	-13,432
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.76	AUD	ORD	3,328	3,328
04-Dec-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-675	-675
04-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-13,881	-13,881
04-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-10,103	-10,103
04-Dec-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-114,143	-114,143
04-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-61,423	-61,423
05-Dec-19	Limited BlackRock Investment Management (UK)	on mkt buy	22.80	AUD	ORD	2,143	2,143
	Limited						

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and r securities		Person's votes affected
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	6,405	6,405
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	1,591	1,591
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	1,585	1,585
05-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	22.91	AUD	ORD	3,302	3,302
05-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.92	AUD	ORD	4,099	4,099
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.91	AUD	ORD	492	492
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.92	AUD	ORD	3,380	3,380
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	13,905	13,905
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	761	761
05-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	22.92	AUD	ORD	641	641
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	9,640	9,640
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	1,632	1,632
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.91	AUD	ORD	1,141	1,141
05-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	22.92	AUD	ORD	2,753	2,753
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	3,732	3,732
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.92	AUD	ORD	3,892	3,892
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.91	AUD	ORD	435	435
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.96	AUD	ORD	141	141
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.96	AUD	ORD	141	141
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.96	AUD	ORD	287	287
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.96	AUD	ORD	-2,606	-2,606
05-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,497	-3,497
05-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	51,572	51,572
05-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	13,207	13,207
05-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	50,327	50,327
06-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.03	AUD	ORD	3,647	3,647
06-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.03	AUD	ORD	3,274	3,274
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.03	AUD	ORD	9,680	9,680
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.03	AUD	ORD	1,613	1,613
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.03	AUD	ORD	1,807	1,807
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.03	AUD	ORD	1,412	1,412
06-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	23.03	AUD	ORD	2,768	2,768
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.03	AUD	ORD	3,610	3,610
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.03	AUD	ORD	3,477	3,477
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.02	AUD	ORD	147	147
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.04	AUD	ORD	1,704	1,704

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities		Person's votes affected
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	855	855
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.04	AUD	ORD	1,148	1,148
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	2,970	2,970
06-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
06-Dec-19	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-3,639	-3,639
06-Dec-19	National Association BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	42,694	42,694
06-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-49,625	-49,625
06-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-13,207	-13,207
06-Dec-19	MANAGEMENT, INC.  BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-50,327	-50,327
09-Dec-19	Limited  BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-1,547	-1,547
09-Dec-19	Limited  BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	1,547	1,547
09-Dec-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	22.87	AUD	ORD	371	371
09-Dec-19	National Association  BlackRock Investment Management, LLC	on mkt buy	23.10	AUD	ORD	1,449	1,449
09-Dec-19	BlackRock Investment Management	on mkt buy	22.78	AUD	ORD	4,260	4,260
09-Dec-19	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	22.78	AUD	ORD	3,101	3,101
09-Dec-19	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,128	-6,128
09-Dec-19	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-92,667	-92,667
09-Dec-19	National Association BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	186,224	186,224
09-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	213,950	213,950
09-Dec-19	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-5,865	-5,865
10-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	389	389
10-Dec-19	National Association  BlackRock Investment Management, LLC	on mkt buy	23.04	AUD	ORD	647	647
10-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	890	890
10-Dec-19	National Association  BlackRock Investment Management	on mkt buy	23.04	AUD	ORD	900	900
	(Australia) Limited	•					
10-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.04	AUD	ORD	4,429	4,429
10-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.04	AUD	ORD	1,584	1,584
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	8,628	8,628
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.04	AUD	ORD	981	981
10-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.04	AUD	ORD	915	915
10-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	16,077	16,077
10-Dec-19	National Association BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	2,268	2,268
10-Dec-19	National Association BLACKROCK FINANCIAL	on mkt buy	23.04	AUD	ORD	693	693
10-Dec-19	MANAGEMENT, INC. BlackRock Asset Management Canada	on mkt buy	23.04	AUD	ORD	778	778
10-Dec-19	Limited BlackRock Asset Management Canada	on mkt buy	23.04	AUD	ORD	3,952	3,952
10-Dec-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	6,540	6,540
10-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.04	AUD	ORD	5,285	5,285
2 2 3 10	National Association	<i>y</i>		<b></b>	22	5,200	3,230

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10-De-19	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
10-De-19   BlackRock Advisors (LIK) Limited	10-Dec-19				AUD	ORD	5,112	5,112
10-Dec-19   BlackRock Institutional Trust Company, National Association   National Natio	10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.00	AUD	ORD	54	54
National Association   Collateral transfer   n/a   AUD   ORD   183,183   183,18   183,18   193,18	10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.00	AUD	ORD	861	861
10-Dec-19   BlackRock Japan Co., Ltd.   collateral transfer   n/n   AUD   ORD   -183,183   -183,1	10-Dec-19		on mkt buy	23.00	AUD	ORD	2,449	2,449
10-Dec-19   BlackRock Investment Management, LLC collateral transfer	10-Dec-19		collateral transfer	n/a	AUD	ORD	-183,183	-183,183
10-Dec-19   BlackRock Investment Management (UK)   collateral transfer   n/a   AUD   ORD   3,796   3,796   1,796   1,10-Dec-19   BlackRock Japan Co., Ltd.   on mixt buy   23,05   AUD   ORD   1,821   1,821   1,821   1,821   1,10-Dec-19   BlackRock Investment Management (UK)   on mixt buy   23,05   AUD   ORD   1,643   1,644   1,10-Dec-19   BlackRock Investment Management, LLC on mixt buy   23,05   AUD   ORD   3,025   3,022   11-Dec-19   BlackRock Investment Management, LLC on mixt buy   23,05   AUD   ORD   57,256   57,256   57,256   11-Dec-19   BlackRock Institutional Trust Company, on mixt buy   23,05   AUD   ORD   323   32   32   32   33   33   33	10-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	182,430	182,430
Limited   BlackRock Japan Co., Ltd.   On mikt buy   23.05   AUD   ORD   1,821   1,82	10-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	170	170
11-Dec-19   BlackRock Japan Co., Ltd.	10-Dec-19	• • • • • • • • • • • • • • • • • • • •	collateral transfer	n/a	AUD	ORD	3,736	3,736
Limited	11-Dec-19		on mkt buy	23.05	AUD	ORD	1,821	1,821
11-Dec-19   BlackRock Investment Management, LLC on mkt buy   23.05   AUD   ORD   3.025   3.02     11-Dec-19   BlackRock Investment Management, LLC on mkt buy   23.05   AUD   ORD   57.256   57.25     11-Dec-19   BlackRock Institutional Trust Company, on mkt buy   23.05   AUD   ORD   323   32     11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   963   96     11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   0RD   1,237   1,23     11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   0RD   737   73     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt sell   23.06   AUD   ORD   0RD   -1,764   -1,764     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   0RD   -1,764   -1,766     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   636   639     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   ORD   636   639     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   ORD   705   700     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   705   700     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   705   700     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   705   700     11-Dec-19   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   705   700     11-Dec-19   BlackRock Investment Management (UK)   On mkt buy   23.06   AUD   ORD   705   700     11-Dec-19   BlackRock Investment Management (UK)   On mkt buy   23.06   AUD   ORD   705   700     11-Dec-19   BlackRock Investment Management (UK)   On mkt buy   23.06   AUD   ORD   707   707   707     11-Dec-19   BlackRock Investment Management (UK)   On mkt buy   23.06   AUD   ORD   707	11-Dec-19		on mkt buy	23.05	AUD	ORD	1,643	1,643
11-Dec-19   BlackRock Institutional Trust Company, National Association   National Associ	11-Dec-19		on mkt buy	23.05	AUD	ORD	3,025	3,025
National Association   11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   963   968   968   11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   1,237   1,23   11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   737   73   73   73   11-Dec-19   BlackRock Advisors (UK) Limited   On mkt sell   23.06   AUD   ORD   -1,764   -1,764   -1,764   -1,764   -1,764   -1,764   -1,764   -1,765   BlackRock Advisors (UK) Limited   On mkt buy   23.06   AUD   ORD   636   63   63   -1,764   -1,765   -	11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	23.05	AUD	ORD	57,256	57,256
11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   963   968   968   11-Dec-19   BlackRock Japan Co., Ltd.   On mkt buy   23.05   AUD   ORD   1,237	11-Dec-19	The state of the s	on mkt buy	23.05	AUD	ORD	323	323
11-Dec-19   BlackRock Japan Co., Ltd.	11-Dec-19		on mkt buy	23.05	AUD	ORD	963	963
11-Dec-19         BlackRock Advisors (UK) Limited         on mkt sell         23.06         AUD         ORD         -1,764         -1,76           11-Dec-19         BlackRock Advisors (UK) Limited         on mkt buy         23.06         AUD         ORD         848         84           11-Dec-19         BlackRock Advisors (UK) Limited         on mkt buy         23.06         AUD         ORD         636         63           11-Dec-19         BlackRock Advisors (UK) Limited         on mkt buy         23.06         AUD         ORD         705         70           11-Dec-19         BlackRock Investment Management (UK) Limited         on mkt buy         23.06         AUD         ORD         24,702         24,702           11-Dec-19         BlackRock Investment Management (UK) on mkt buy         23.06         AUD         ORD         1,208         1,208           11-Dec-19         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         18,701         18,70           11-Dec-19         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         -376         -37           11-Dec-19         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD	11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	23.05	AUD	ORD	1,237	1,237
11-Dec-19   BlackRock Advisors (UK) Limited   on mkt buy   23.06   AUD   ORD   636   63     11-Dec-19   BlackRock Advisors (UK) Limited   on mkt buy   23.06   AUD   ORD   ORD   ORD   705   70     11-Dec-19   BlackRock Advisors (UK) Limited   on mkt buy   23.06   AUD   ORD   ORD   705   70     11-Dec-19   BlackRock Advisors (UK) Limited   on mkt buy   23.06   AUD   ORD   ORD   705   70     11-Dec-19   BlackRock Investment Management   on mkt buy   23.06   AUD   ORD   24,702   24,702     11-Dec-19   BlackRock Investment Management   on mkt buy   23.06   AUD   ORD   0.000   0.000     11-Dec-19   BlackRock Investment Management   ORD   0.000   0.000   0.000     11-Dec-19   BlackRock Investment Management   ORD   0.000   0.000   0.000     11-Dec-19   BlackRock Advisors (UK) Limited   collateral transfer   n/a   AUD   ORD   0.000   0.000   0.000     11-Dec-19   BlackRock Advisors (UK) Limited   collateral transfer   n/a   AUD   ORD   0.000   0.000   0.000     11-Dec-19   BlackRock Investment Management   ORD   0.000   0.000   0.000   0.000   0.000   0.000     11-Dec-19   BlackRock Investment Management   ORD   0.000   0.	11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	23.05	AUD	ORD	737	737
11-Dec-19   BlackRock Advisors (UK) Limited   on mkt buy   23.06   AUD   ORD   636   631	11-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.06	AUD	ORD	-1,764	-1,764
11-Dec-19   BlackRock Advisors (UK) Limited   on mkt buy   23.06   AUD   ORD   705   70.	11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.06	AUD	ORD	848	848
11-Dec-19   BlackRock Advisors (UK) Limited	11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.06	AUD	ORD	636	636
11-Dec-19   BlackRock Investment Management   On mkt buy   23.06   AUD   ORD   24,702   24,702   24,702   11-Dec-19   BlackRock Investment Management (UK)   On mkt buy   23.06   AUD   ORD   1,208   1,208   1,208   1,209   Intended   ORD   1,208   1,209   Intended   ORD   1,208   1,209   Intended   ORD   Intended   ORD   Intended   ORD   Intended   Intended   ORD   Intended   Intended   ORD   Intended   Intended   ORD   Intended   Intended   Intended   ORD   Intended   Intende	11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.06	AUD	ORD	705	705
(Australia) Limited   11-Dec-19   BlackRock Investment Management (UK)   on mkt buy   23.06   AUD   ORD   1.208   1.	11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.06	AUD	ORD	705	705
11-Dec-19	11-Dec-19		on mkt buy	23.06	AUD	ORD	24,702	24,702
11-Dec-19         BlackRock Japan Co., Ltd.         collateral transfer         n/a         AUD         ORD         18,701         18,701           11-Dec-19         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -970         -971           11-Dec-19         BlackRock Investment Management, LLC         collateral transfer         n/a         AUD         ORD         1,349         1,349           11-Dec-19         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -376         -371           11-Dec-19         BlackRock Asset Management North Asia in specie         n/a         AUD         ORD         -1,863         -1,861           12-Dec-19         BlackRock Investment Management (North Asia in specie         n/a         AUD         ORD         18,342         18,342           12-Dec-19         BLACKROCK Investment Management (North Asia in specie         n/a         AUD         ORD         18,342         18,342           12-Dec-19         BLACKROCK FINANCIAL on mkt buy         22.99         AUD         ORD         483         48           12-Dec-19         BLACKROCK Institutional Trust Company, National Association         0 mkt buy         22.90         AUD         ORD<	11-Dec-19	BlackRock Investment Management (UK)	on mkt buy	23.06	AUD	ORD	1,208	1,208
11-Dec-19 BlackRock Investment Management, LLC collateral transfer n/a AUD ORD 1,349 1,349  11-Dec-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD -376 -376  11-Dec-19 BlackRock Asset Management North Asia in specie n/a AUD ORD -1,863 -1,863  12-Dec-19 BlackRock Investment Management in specie n/a AUD ORD 18,342 18,343  12-Dec-19 BlackRock Investment Management in specie n/a AUD ORD 483 483  12-Dec-19 BlackRock FINANCIAL on mkt buy 22.99 AUD ORD 483 483  MANAGEMENT, INC.  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,078 1,078  12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 5,108 5,108  12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,361  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,361 1,366  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,767  National Association	11-Dec-19		collateral transfer	n/a	AUD	ORD	18,701	18,701
11-Dec-19 BlackRock Investment Management (UK) collateral transfer n/a AUD ORD -376 -376  11-Dec-19 BlackRock Asset Management North Asia in specie n/a AUD ORD -1,863 -1,863 Limited  12-Dec-19 BlackRock Investment Management in specie n/a AUD ORD 18,342 18,343 (Australia) Limited  12-Dec-19 BLACKROCK FINANCIAL on mkt buy 22.99 AUD ORD 483 483 MANAGEMENT, INC.  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,078 1,076 National Association  12-Dec-19 BLACKROCK ADVISORS, LLC on mkt buy 22.90 AUD ORD 5,108 5,108  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,361 1,361  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,361 1,366  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,766 National Association	11-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
Limited  11-Dec-19 BlackRock Asset Management North Asia in specie n/a AUD ORD -1,863 -1,863 -1,865	11-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,349	1,349
11-Dec-19 BlackRock Asset Management North Asia in specie n/a AUD ORD -1,863 -1,863 Limited  12-Dec-19 BlackRock Investment Management in specie n/a AUD ORD 18,342 18,343 (Australia) Limited  12-Dec-19 BLACKROCK FINANCIAL on mkt buy 22.99 AUD ORD 483 483 483 AUD ORD 1,078 1,078 National Association  12-Dec-19 BLACKROCK ADVISORS, LLC on mkt buy 22.90 AUD ORD 5,108 5,108 12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,361 Limited  12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,361 1,361 Limited  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,769 National Association	11-Dec-19	• • • • • • • • • • • • • • • • • • • •	collateral transfer	n/a	AUD	ORD	-376	-376
12-Dec-19 BlackRock Investment Management in specie n/a AUD ORD 18,342 18,34: (Australia) Limited  12-Dec-19 BLACKROCK FINANCIAL on mkt buy 22.99 AUD ORD 483 48: MANAGEMENT, INC.  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,078 1,078: National Association  12-Dec-19 BLACKROCK ADVISORS, LLC on mkt buy 22.90 AUD ORD 5,108 5,108: 12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,361 Limited  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,769 National Association  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 769 National Association	11-Dec-19	BlackRock Asset Management North Asia	in specie	n/a	AUD	ORD	-1,863	-1,863
12-Dec-19 BLACKROCK FINANCIAL on mkt buy 22.99 AUD ORD 483 483  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,078 1,076  National Association  12-Dec-19 BLACKROCK ADVISORS, LLC on mkt buy 22.90 AUD ORD 5,108 5,108  12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,361  Limited  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,767  National Association  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 764  National Association	12-Dec-19	BlackRock Investment Management	in specie	n/a	AUD	ORD	18,342	18,342
12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 1,078 1,076 National Association  12-Dec-19 BLACKROCK ADVISORS, LLC on mkt buy 22.90 AUD ORD 5,108 5,108  12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,366 Limited  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,766 National Association  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 766 National Association	12-Dec-19	BLACKROCK FINANCIAL	on mkt buy	22.99	AUD	ORD	483	483
12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 5,108 5,108  12-Dec-19 BlackRock Investment Management (UK) on mkt buy 22.90 AUD ORD 1,361 1,361  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,767  National Association  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 76-  National Association	12-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.90	AUD	ORD	1,078	1,078
Limited  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,767 National Association  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 76-National Association	12-Dec-19		on mkt buy	22.90	AUD	ORD	5,108	5,108
12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 8,767 8,767 National Association  12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 76- National Association	12-Dec-19	• ,	on mkt buy	22.90	AUD	ORD	1,361	1,361
12-Dec-19 BlackRock Institutional Trust Company, on mkt buy 22.90 AUD ORD 764 76- National Association	12-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.90	AUD	ORD	8,767	8,767
	12-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.90	AUD	ORD	764	764
	12-Dec-19		on mkt buy	22.90	AUD	ORD	1,111	1,111

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and i securities		Person's votes affected
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	16,087	16,087
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	2,356	2,356
12-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.90	AUD	ORD	1,025	1,025
12-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	22.90	AUD	ORD	746	746
12-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	22.90	AUD	ORD	859	859
12-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	22.90	AUD	ORD	4,110	4,110
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	7,911	7,911
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	6,270	6,270
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	519	519
12-Dec-19	BlackRock Investment Management (UK)	on mkt buy	22.90	AUD	ORD	324	324
12-Dec-19	Limited  BlackRock Advisors (UK) Limited	on mkt sell	22.90	AUD	ORD	-287	-287
12-Dec-19	BlackRock Investment Management	on mkt buy	22.90	AUD	ORD	5,538	5,538
12-Dec-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	22.90	AUD	ORD	-1,355	-1,355
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.90	AUD	ORD	17,856	17,856
12-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	101,781	101,781
12-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	62,099	62,099
12-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,109	5,109
12-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	4,450	4,450
13-Dec-19	Limited BLACKROCK ADVISORS, LLC	on mkt buy	22.82	AUD	ORD	4,525	4,525
13-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.82	AUD	ORD	6,973	6,973
13-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	22.82	AUD	ORD	11,130	11,130
13-Dec-19	National Association  BlackRock Asset Management Canada	on mkt buy	22.82	AUD	ORD	3,222	3,222
13-Dec-19	Limited  BlackRock Investment Management, LLC	on mkt buy	22.82	AUD	ORD	2,484	2,484
13-Dec-19	BlackRock Investment Management, LLC	on mkt buy	22.82	AUD	ORD	16,679	16,679
13-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	22.82	AUD	ORD	7,124	7,124
13-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	22.82	AUD	ORD	5,279	5,279
13-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	22.82	AUD	ORD	1,298	1,298
13-Dec-19	National Association  BlackRock Investment Management (UK)	on mkt buy	22.82	AUD	ORD	1,153	1,153
13-Dec-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	22.82	AUD	ORD	1,747	1,747
13-Dec-19	National Association BLACKROCK FINANCIAL	on mkt buy	22.82	AUD	ORD	887	887
13-Dec-19	MANAGEMENT, INC. BlackRock Institutional Trust Company,	on mkt buy	22.83	AUD	ORD	482	482
13-Dec-19	National Association BLACKROCK ADVISORS, LLC	on mkt buy	22.82	AUD	ORD	647	647
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	1,706	1,706
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	22.81	AUD	ORD	-366	-366
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	5,097	5,097
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	1,166	1,166

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities		Person's votes affected
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.81	AUD	ORD	1,060	1,060
13-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-592,730	-592,730
13-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	147,825	147,825
13-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-5,225	-5,225
13-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,815	-1,815
16-Dec-19	Limited  BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,168	-2,168
16-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	23.12	AUD	ORD	304	304
16-Dec-19	National Association BlackRock Advisors (UK) Limited	on mkt buy	23.16	AUD	ORD	853	853
16-Dec-19	BlackRock Institutional Trust Company,	on mkt sell	23.15	AUD	ORD	-13,017	-13,017
16-Dec-19	National Association  BlackRock Investment Management, LLC	on mkt sell	23.15	AUD	ORD	-1,869	-1,869
16-Dec-19	BlackRock (Netherlands) B.V.	on mkt buy	23.15	AUD	ORD	285	285
16-Dec-19	BlackRock Fund Advisors	on mkt sell	23.15	AUD	ORD	-12,871	-12,871
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.15	AUD	ORD	-11,644	-11,644
16-Dec-19	BlackRock Fund Advisors	on mkt sell	23.15	AUD	ORD	-10,987	-10,987
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
16-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	196,612	196,612
16-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-181,098	-181,098
16-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,403	-1,403
16-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,995	-5,995
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.34	AUD	ORD	197	197
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.35	AUD	ORD	806	806
17-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	23.35	AUD	ORD	2,047	2,047
17-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	23.35	AUD	ORD	12,846	12,846
17-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.35	AUD	ORD	1,894	1,894
17-Dec-19	National Association  BLACKROCK FINANCIAL  MANAGEMENT, INC.	on mkt buy	23.35	AUD	ORD	741	741
17-Dec-19	MANAGEMENT, INC. BlackRock Asset Management Canada	on mkt buy	23.35	AUD	ORD	3,429	3,429
17-Dec-19	Limited  BlackRock Institutional Trust Company,	on mkt buy	23.35	AUD	ORD	6,890	6,890
17-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt buy	23.35	AUD	ORD	4,537	4,537
17-Dec-19	National Association  BlackRock Investment Management	on mkt buy	23.33	AUD	ORD	944	944
17-Dec-19	(Australia) Limited BlackRock Investment Management		23.33		ORD		
	(Australia) Limited	on mkt buy		AUD		4,260	4,260
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.33	AUD	ORD	-708	-708
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	55	55
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	678	678
17-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.33	AUD	ORD	5,597	5,597
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	23.33	AUD	ORD	3,117	3,117
17-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-186,340	-186,340

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
17-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	124,651	124,651
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,304	4,304
18-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.37	AUD	ORD	131	131
18-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.37	AUD	ORD	190	190
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	853	853
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	6,824	6,824
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.32	AUD	ORD	-1,051	-1,051
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	339	339
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	6,824	6,824
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	278	278
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.32	AUD	ORD	54	54
18-Dec-19	BLACKROCK FINANCIAL	on mkt sell	23.32	AUD	ORD	-40,058	-40,058
18-Dec-19	MANAGEMENT, INC. BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,764	-28,764
18-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	123,815	123,815
18-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-550,834	-550,834
19-Dec-19	BlackRock Investment Management (UK)	on mkt buy	23.50	AUD	ORD	981	981
19-Dec-19	Limited  BlackRock Advisors (UK) Limited	on mkt buy	23.48	AUD	ORD	287	287
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.48	AUD	ORD	246	246
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.48	AUD	ORD	6,268	6,268
19-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	56,671	56,671
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.35	AUD	ORD	2,678	2,678
20-Dec-19	BlackRock Investment Management (UK)	on mkt buy	23.36	AUD	ORD	724	724
20-Dec-19	Limited  BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	1,712	1,712
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.33	AUD	ORD	-1,764	-1,764
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	424	424
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.33	AUD	ORD	-636	-636
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	488	488
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.33	AUD	ORD	-109	-109
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	23.33	AUD	ORD	732	732
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	23.33	AUD	ORD	-12,212	-12,212
20-Dec-19	BlackRock Investment Management (UK)	on mkt buy	23.33	AUD	ORD	1,185	1,185
20-Dec-19	Limited  BlackRock Investment Management (UK)	on mkt buy	23.33	AUD	ORD	3,561	3,561
20-Dec-19	Limited  BlackRock Investment Management (Australia) Limited	on mkt buy	23.33	AUD	ORD	1,358	1,358
20-Dec-19	BlackRock Investment Management	on mkt buy	23.33	AUD	ORD	4,069	4,069
20-Dec-19	(Australia) Limited BlackRock Fund Advisors	on mkt buy	23.33	AUD	ORD	26,521	26,521

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
20-Dec-19	BlackRock Fund Advisors	on mkt buy	23.33	AUD	ORD	8,847	8,847
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	23.33	AUD	ORD	-1,508	-1,508
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.33	AUD	ORD	1,097	1,097
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	23.33	AUD	ORD	3,293	3,293
20-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	23.33	AUD	ORD	42,918	42,918
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.33	AUD	ORD	2,205	2,205
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	23.33	AUD	ORD	732	732
20-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,768	-6,768
20-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,972	-5,972
20-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-168,014	-168,014
20-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	558,109	558,109
20-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	2,684	2,684
20-Dec-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10,222	10,222
20-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	123,323	123,323
23-Dec-19	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,948	-2,948
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	1,053	1,053
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	22.87	AUD	ORD	-341	-341
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	666	666
23-Dec-19	BlackRock Investment Management, LLC	on mkt buy	22.87	AUD	ORD	868	868
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	555	555
23-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-22,744	-22,744
23-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	67,497	67,497
23-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-72	-72
23-Dec-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,796	11,796
23-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-79,193	-79,193
24-Dec-19	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,854	6,854
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,576	6,576
24-Dec-19	BlackRock Investment Management	on mkt buy	22.99	AUD	ORD	852	852
24-Dec-19	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	22.99	AUD	ORD	341	341
24-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	104,503	104,503
24-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-98,407	-98,407
24-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	36	36
24-Dec-19	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,091	-6,091
24-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,931	-3,931
25-Dec-19	Limited BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-140,626	-140,626
25-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-72,390	-72,390
20-DEC-13	DIACKINGER AUVISOIS (OIL) LIITIILEU	טוומוכומו נומוואולו	II/a	AUD	OND	-12,390	-12,390

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
25-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	61	61
25-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,415	-6,415
25-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-3,108	-3,108
26-Dec-19	Limited  BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	222,463	222,463
26-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	22,757	22,757
26-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	1,476	1,476
26-Dec-19	MANAGEMENT, INC.  BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-112	-112
26-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	135,536	135,536
27-Dec-19	Limited BlackRock Investment Management	on mkt buy	22.86	AUD	ORD	2,556	2,556
27-Dec-19	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	22.86	AUD	ORD	2,728	2,728
27-Dec-19	National Association BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	1,724	1,724
27-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-186,340	-186,340
27-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-477,563	-477,563
27-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	841	841
	MANAGEMENT, INC.			AUD			
27-Dec-19	BlackRock Investment Management, LLC		n/a		ORD	91,923	91,923
27-Dec-19	BlackRock Investment Management (UK) Limited		n/a	AUD	ORD	41,745	41,745
27-Dec-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	5,208	5,208
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	856	856
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	22.82	AUD	ORD	282	282
30-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	22.82	AUD	ORD	-2,719	-2,719
30-Dec-19	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	104	104
30-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	490,916	490,916
30-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2,578	-2,578
30-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	387	387
30-Dec-19	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-40,638	-40,638
30-Dec-19	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	289	289
31-Dec-19	Limited  BlackRock Advisors (UK) Limited	on mkt buy	21.98	AUD	ORD	141	141
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	21.98	AUD	ORD	630	630
31-Dec-19	BlackRock Institutional Trust Company,	on mkt buy	21.98	AUD	ORD	1,648	1,648
31-Dec-19	National Association  BlackRock Institutional Trust Company,	on mkt sell	21.98	AUD	ORD	-5,816	-5,816
31-Dec-19	National Association BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-898	-898
31-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	41,533	41,533
31-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9	9
31-Dec-19	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	32	32
31-Dec-19	MANAGEMENT, INC.  BlackRock Investment Management, LLC		n/a n/a	AUD	ORD	1,539	1,539
31-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	26,602	26,602

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
31-Dec-19	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	3,958	3,958
01-Jan-20	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-930	-930
01-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-37,047	-37,047
01-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2,480	-2,480
01-Jan-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-103,248	-103,248
01-Jan-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-193,464	-193,464
01-Jan-20	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-9,455	-9,455
02-Jan-20	Limited BlackRock Investment Management	on mkt buy	21.97	AUD	ORD	3,834	3,834
02-Jan-20	(Australia) Limited BlackRock Investment Management	on mkt buy	21.97	AUD	ORD	852	852
02-Jan-20	(Australia) Limited BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	686	686
02-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	54,641	54,641
02-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	107,362	107,362
02-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,548	1,548
02-Jan-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	94,346	94,346
02-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	83,540	83,540
02-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	6,226	6,226
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.18	AUD	ORD	1,057	1,057
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.18	AUD	ORD	141	141
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.18	AUD	ORD	288	288
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.18	AUD	ORD	576	576
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.18	AUD	ORD	246	246
03-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	22.18	AUD	ORD	-351	-351
03-Jan-20	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	63	63
03-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	130,312	130,312
03-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	437,788	437,788
03-Jan-20	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	130	130
03-Jan-20	MANAGEMENT, INC.  BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,828	-3,828
03-Jan-20	• ,	collateral transfer	n/a	AUD	ORD	3,310	3,310
03-Jan-20	Limited  BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	334	334
06-Jan-20	Limited BlackRock Investment Management (UK)	on mkt buy	22.13	AUD	ORD	1,649	1,649
06-Jan-20	Limited BlackRock (Netherlands) B.V.	on mkt buy	22.15	AUD	ORD	3,717	3,717
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.21	AUD	ORD	856	856
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.21	AUD	ORD	321	321
	, ,						
06-Jan-20	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-749	-749
06-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-483,941	-483,941
06-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	6,342	6,342

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
06-Jan-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-90,518	-90,518
06-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-50,847	-50,847
06-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-6,559	-6,559
07-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	22.64	AUD	ORD	-5,538	-5,538
07-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	32,052	32,052
07-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-63,380	-63,380
07-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-7,626	-7,626
07-Jan-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-1,998	-1,998
08-Jan-20	Limited  BlackRock Investment Management (UK)	on mkt sell	22.40	AUD	ORD	-575	-575
08-Jan-20	Limited  BlackRock Investment Management (UK)	on mkt sell	22.40	AUD	ORD	-1,325	-1,325
08-Jan-20	Limited  BlackRock Investment Management (UK)	on mkt buy	22.26	AUD	ORD	1,833	1,833
08-Jan-20	Limited  BlackRock Investment Management	on mkt buy	22.41	AUD	ORD	3,137	3,137
08-Jan-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	22.41	AUD	ORD	11,035	11,035
	(Australia) Limited						
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.43	AUD	ORD	15,904	15,904
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.42	AUD	ORD	10,230	10,230
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.46	AUD	ORD	463	463
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,180	2,180
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	333	333
08-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	227,142	227,142
08-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	32,652	32,652
08-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-395	-395
08-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-37,109	-37,109
09-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	22.47	AUD	ORD	-5,538	-5,538
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.47	AUD	ORD	321	321
09-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-9,037	-9,037
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,076	-5,076
09-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,486	-2,486
09-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	379,625	379,625
09-Jan-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	1,098	1,098
10-Jan-20	Limited BlackRock Advisors (UK) Limited	on mkt buy	22.71	AUD	ORD	858	858
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	22.71	AUD	ORD	-858	-858
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.71	AUD	ORD	323	323
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.71	AUD	ORD	323	323
	, ,	<u> </u>					
10-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	22.71	AUD	ORD	23,990	23,990
10-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-279,659	-279,659
10-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-901,035	-901,035

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
10-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,865	-4,865
13-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,482	-1,482
13-Jan-20	BlackRock Investment Management (UK)	on mkt sell	22.38	AUD	ORD	-2,290	-2,290
13-Jan-20	Limited BlackRock Japan Co., Ltd.	on mkt sell	22.57	AUD	ORD	-578	-578
13-Jan-20	BlackRock Investment Management (UK)	on mkt buy	22.58	AUD	ORD	1,504	1,504
13-Jan-20	BlackRock Investment Management	on mkt buy	22.61	AUD	ORD	20,022	20,022
13-Jan-20	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	22.61	AUD	ORD	-6,864	-6,864
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.61	AUD	ORD	323	323
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.61	AUD	ORD	54	54
13-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-10,955	-10,955
13-Jan-20	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	12,423	12,423
13-Jan-20	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	45,995	45,995
13-Jan-20	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	29,511	29,511
13-Jan-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	183,208	183,208
14-Jan-20	Limited  BlackRock Investment Management (UK)	on mkt buy	22.87	AUD	ORD	873	873
14-Jan-20	Limited  BlackRock Institutional Trust Company,	on mkt sell	22.87	AUD	ORD	-2,295	-2,295
14-Jan-20	National Association  BlackRock Investment Management	on mkt buy	22.87	AUD	ORD	2,130	2,130
14-Jan-20	(Australia) Limited BlackRock Investment Management	on mkt buy	22.87	AUD	ORD	1,392	1,392
14-Jan-20	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	2,310	2,310
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	323	323
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	323	323
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	1,615	1,615
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	22.87	AUD	ORD	-615	-615
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.87	AUD	ORD	108	108
14-Jan-20	BlackRock Investment Management, LLC	on mkt sell	22.87	AUD	ORD	-6,553	-6,553
14-Jan-20	BlackRock Investment Management (UK)	on mkt buy	22.87	AUD	ORD	27,542	27,542
14-Jan-20	Limited BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,987	-4,987
14-Jan-20	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-12,423	-12,423
14-Jan-20	BLACKROCK FINANCIAL	collateral transfer	n/a	AUD	ORD	-45,995	-45,995
14-Jan-20	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-29,511	-29,511
14-Jan-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-183,208	-183,208
15-Jan-20	Limited  BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	24,316	24,316
15-Jan-20	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,722	-1,722
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,148	-4,148
15-Jan-20	BlackRock Investment Management, LLC	on mkt sell	22.74	AUD	ORD	-3,188	-3,188
15-Jan-20	BlackRock Investment Management	on mkt buy	22.75	AUD	ORD	11,214	11,214

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.75	AUD	ORD	5,885	5,885
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.75	AUD	ORD	795	795
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.75	AUD	ORD	6,707	6,707
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.76	AUD	ORD	8,094	8,094
15-Jan-20	BLACKROCK ADVISORS, LLC	on mkt sell	22.76	AUD	ORD	-1,790	-1,790
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,460	-8,460
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,460	-8,460
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,536	-13,536
15-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	173,619	173,619
15-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	430,636	430,636
16-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	22.92	AUD	ORD	-662	-662
16-Jan-20	BlackRock (Netherlands) B.V.	on mkt sell	22.92	AUD	ORD	-320	-320
16-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	22.92	AUD	ORD	-1,441	-1,441
16-Jan-20	BlackRock Asset Management Canada Limited	on mkt sell	22.92	AUD	ORD	-1,140	-1,140
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,071	2,071
16-Jan-20	BlackRock Investment Management	on mkt buy	22.91	AUD	ORD	1,989	1,989
16-Jan-20	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	22.93	AUD	ORD	4,260	4,260
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.93	AUD	ORD	320	320
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.93	AUD	ORD	318	318
16-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-873	-873
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,308	1,308
16-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-53,152	-53,152
16-Jan-20 17-Jan-20	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	collateral transfer on mkt buy	n/a 23.01	AUD AUD	ORD ORD	-363,530 1,243	-363,530 1,243
	Limited	•		AUD	ORD		
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	23.19			-2,951	-2,951
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	23.19	AUD	ORD	-1,337	-1,337
17-Jan-20	BlackRock Asset Management Canada Limited	on mkt sell	23.19	AUD	ORD	-2,268	-2,268
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.13	AUD	ORD	423	423
17-Jan-20 17-Jan-20	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	on mkt buy on mkt sell	23.13 23.13	AUD AUD	ORD ORD	742 -1,069	742 -1,069
	Limited						
17-Jan-20	BlackRock Fund Advisors	on mkt buy	23.13	AUD	ORD	6,480	6,480
17-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-38,979	-38,979
17-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	23.13	AUD	ORD	15,790	15,790
17-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-243,709	-243,709
17-Jan-20 17-Jan-20	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	collateral transfer	n/a n/a	AUD AUD	ORD ORD	-1 173,947	-1 173,947
17-Jan-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	56,118	56,118
17-Jan-20	Limited  BlackRock Asset Management North Asia		n/a	AUD	ORD	90,576	90,576
	Limited						
20-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	23.09	AUD	ORD	4,150	4,150
20-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	23.09	AUD	ORD	-8,094	-8,094
20-Jan-20	BlackRock Asset Management Canada	in specie	n/a	AUD	ORD	-4,380	-4,380
	Limited						
20-Jan-20 20-Jan-20	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD AUD	ORD ORD	294,172 68,787	294,172 68,787

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20-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,312	-9,312
20-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-27,223	-27,223
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.17	AUD	ORD	26	26
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.17	AUD	ORD	226	226
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	23.17	AUD	ORD	-708	-708
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.17	AUD	ORD	578	578
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.17	AUD	ORD	578	578
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.17	AUD	ORD	636	636
21-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
21-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-294,500	-294,500
21-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	191,762	191,762
21-Jan-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	44,519	44,519
21-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	28,763	28,763
21-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	21,755	21,755
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,168	3,168
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,760	-4,760
22-Jan-20	BlackRock Investment Management, LLC	on mkt sell	23.36	AUD	ORD	-2,681	-2,681
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.38	AUD	ORD	1,565	1,565
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.38	AUD	ORD	2,844	2,844
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.38	AUD	ORD	1,279	1,279
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.38	AUD	ORD	1,213	1,213
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.37	AUD	ORD	8,520	8,520
22-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	65,787	65,787
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,416	-3,416
22-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,041	6,041
22-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,682	-67,682
22-Jan-20	BlackRock Investment Management, LLC		n/a	AUD	ORD	38,536	38,536
22-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,105	2,105
22-Jan-20	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	19,848	19,848
22-Jan-20	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-4,998	-4,998
23-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.90	AUD	ORD	54	54
23-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.90	AUD	ORD	289	289
23-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	22.90	AUD	ORD	2,813	2,813
23-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-33,142	-33,142
23-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-259,972	-259,972
23-Jan-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-199,324	-199,324
23-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	54,974	54,974
23-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-104,053	-104,053
24-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	23.03	AUD	ORD	-7,409	-7,409
24-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	23.03	AUD	ORD	-1,343	-1,343
24-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.00	AUD	ORD	4,260	4,260
24-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.00	AUD	ORD	742	742
24-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.00	AUD	ORD	578	578
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,910	8,910
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,395	10,395
24-Jan-20	<u> </u>		n/a	AUD	ORD	14,850	14,850
24-Jan-20	BlackRock Fund Advisors	in specie	11/a				
24-Jan-20 24-Jan-20		in specie	n/a	AUD	ORD	-2,660	-2,660
24-Jan-20	BlackRock Fund Advisors		n/a n/a	AUD AUD	ORD ORD	-2,660 -972	-2,660 -972
24-Jan-20 24-Jan-20	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,660	-2,660
24-Jan-20 24-Jan-20 24-Jan-20	BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-2,660 -972	-2,660 -972

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and securities		Person's votes affected
24-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	285,998	285,998
24-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	285,259	285,259
24-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,853	-16,853
24-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-145	-145
27-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,701	-1,70
27-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-222	-22
27-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-271,140	-271,140
27-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-285,259	-285,259
27-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	253,777	253,777
27-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,427	1,42
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,680	2,680
28-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	320	320
28-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	1,280	1,280
28-Jan-20	BlackRock Japan Co., Ltd.	on mkt sell	22.83	AUD	ORD	-265	-26
28-Jan-20	BlackRock Institutional Trust Company,	on mkt sell	22.83	AUD	ORD	-9,162	-9,162
28-Jan-20	National Association  BlackRock Institutional Trust Company,	on mkt sell	22.83	AUD	ORD	-2,841	-2,84
	National Association						
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,588	3,588
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,936	-1,936
28-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	118,059	118,059
28-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	28,017	28,017
28-Jan-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	226	220
29-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,485	4,48
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.14	AUD	ORD	1,404	1,40
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.14	AUD	ORD	2,214	2,21
29-Jan-20	BlackRock Japan Co., Ltd.	on mkt sell	23.18	AUD	ORD	-658	-658
29-Jan-20	BlackRock Japan Co., Ltd.	on mkt sell	23.18	AUD	ORD	-709	-709
29-Jan-20	BlackRock Investment Management, LLC	on mkt sell	23.18	AUD	ORD	-4,901	-4,90°
29-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	23.18	AUD	ORD	-196	-190
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	23.21	AUD	ORD	852	852
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	2,565	2,565
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	855	85
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	798	798
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	284	284
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	444	444
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	23.21	AUD	ORD	-246	-246
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	23.21	AUD	ORD	-492	-492
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.21	AUD	ORD	324	324
29-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,485	4,485
29-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-81,626	-81,626
29-Jan-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	270,713	270,713
29-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,517	-1,517
29-Jan-20	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-29	-29
30-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,485	4,48
30-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	23.07	AUD	ORD	-436	-436
30-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	23.30	AUD	ORD	2,160	2,160
30-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	23.07	AUD	ORD	-974	-974
30-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,446	-1,446
30-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	23.00	AUD	ORD	17,140	17,140
30-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	23.00	AUD	ORD	-3,349	-3,349
30-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,073	8,073
30-Jan-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	255,786	255,786
	DL LD LATE (UICLE SCI	collateral transfer	n/a	AUD	ORD	-270,713	-270,713
30-Jan-20	BlackRock Advisors (UK) Limited	Collateral transfer	II/a			-270,713	

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
30-Jan-20	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-364	-364
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	876	876
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,048	2,048
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	7,317	7,317
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,131	3,131
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	704	704
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	162	162
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	22.83	AUD	ORD	287	287
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	22.83	AUD	ORD	220	220
31-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	22.83	AUD	ORD	1,879	1,879
31-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	22.83	AUD	ORD	-670	-670
31-Jan-20 31-Jan-20	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD AUD	ORD ORD	-259,128 507,300	-259,128
31-Jan-20 31-Jan-20	BlackRock Investment Management, LLC	collateral transfer	n/a n/a	AUD	ORD	597,399 4,159	597,399 4,159
31-Jan-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-385,596	-385,596
31-Jan-20	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-2,019	-2,019
03-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	21.98	AUD	ORD	2,556	2,556
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.98	AUD	ORD	636	636
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.98	AUD	ORD	600	600
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.98	AUD	ORD	2,009	2,009
03-Feb-20 03-Feb-20	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	21.98 21.98	AUD AUD	ORD ORD	287 574	287 574
03-Feb-20	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-4,134	-4,134
03-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,585	-7,585
03-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	53,315	53,315
03-Feb-20	` ,	collateral transfer	n/a	AUD	ORD	-1,033	-1,033
03-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-756	-756
04-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	21.93	AUD	ORD	4,956	4,956
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,264	3,264
04-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	22.30	AUD	ORD	792	792
04-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.38	AUD	ORD	3,834	3,834
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.38	AUD	ORD	-4,280	-4,280
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.38	AUD	ORD	-1,044	-1,044
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.38	AUD	ORD	324	324
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.38	AUD	ORD	648	648
04-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.38	AUD	ORD	1,704	1,704
04-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	22.38	AUD	ORD	27,564	27,564
04-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	22.38	AUD	ORD	-31,998	-31,998
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	432	432
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,725	2,725
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,578	4,578
04-Feb-20 04-Feb-20	BlackRock Fund Advisors BlackRock Japan Co., Ltd.	in specie collateral transfer	n/a n/a	AUD AUD	ORD ORD	4,360 -66	4,360 -66
04-Feb-20 04-Feb-20	BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD	ORD	-73,234	-73,234
04-Feb-20 04-Feb-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,165	4,165
04-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,887	1,887
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.50	AUD	ORD	534	534
05-Feb-20	BlackRock Investment Management	on mkt buy	22.50	AUD	ORD	12,099	12,099

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.50	AUD	ORD	10,220	10,220
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.50	AUD	ORD	2,709	2,709
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.50	AUD	ORD	6,768	6,768
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	22.45	AUD	ORD	-5,538	-5,538
05-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.45	AUD	ORD	113	113
05-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	22.45	AUD	ORD	44,426	44,426
05-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-33,161	-33,161
05-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	86,349	86,349
05-Feb-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,291	-7,291
05-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,139	-7,139
06-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.69	AUD	ORD	-615	-615
06-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	22.69	AUD	ORD	-641	-641
06-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	271,137	271,137
06-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-270,716	-270,716
07-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,970	8,970
07-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.23	AUD	ORD	-228	-228
07-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.23	AUD	ORD	1,704	1,704
07-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,773	-7,773
07-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,382	-1,382
10-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	12,979	12,979
10-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.27	AUD	ORD	3,834	3,834
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.27	AUD	ORD	530	530
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.27	AUD	ORD	-705	-705
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.27	AUD	ORD	342	342
10-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	648	648
10-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-219,721	-219,721
10-Feb-20 11-Feb-20	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	collateral transfer on mkt buy	n/a 22.41	AUD	ORD ORD	307,803 6,904	307,803 6,904
11-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	22.41	AUD	ORD	1,124	1,124
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.31	AUD	ORD	3,432	3,432
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.31	AUD	ORD	141	141
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.31	AUD	ORD	972	972
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.41	AUD	ORD	5,184	5,184
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.40	AUD	ORD	-2,816	-2,816
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.31	AUD	ORD	440	440
11-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-177	-177
11-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,197	-1,197
12-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	22.45	AUD	ORD	10,023	10,023
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.48	AUD	ORD	5,981	5,981
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.48	AUD	ORD	611	611
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.48	AUD	ORD	6,455	6,455
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.48	AUD	ORD	1,938	1,938
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.48	AUD	ORD	4,734	4,734
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,892	3,892
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,913	3,913
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.41	AUD	ORD	464	464
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.41	AUD	ORD	141	141
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.41	AUD	ORD	141	141
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.41	AUD	ORD	-704	-704
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.41	AUD	ORD	220	220
	5 5	141	00.44	A L ID	ORD	106	106
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.41	AUD			
12-Feb-20 12-Feb-20 12-Feb-20	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Fund Advisors	on mkt buy in specie	22.41 22.41 n/a	AUD AUD	ORD ORD	288	288

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and securities		Person's votes affected
12-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	5,234	5,234
12-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-310,829	-310,829
12-Feb-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	52,850	52,850
12-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	255,913	255,913
13-Feb-20	BlackRock Investment Management (UK)	on mkt buy	22.37	AUD	ORD	1,147	1,147
13-Feb-20	Limited BlackRock Advisors (UK) Limited	on mkt buy	22.38	AUD	ORD	858	858
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.38	AUD	ORD	858	858
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.38	AUD	ORD	289	289
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.38	AUD	ORD	-615	-615
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.38	AUD	ORD	960	960
13-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	42,929	42,929
13-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,514	-1,514
13-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	86,298	86,298
13-Feb-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-52,850	-52,850
13-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-33,448	-33,448
14-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	22.42	AUD	ORD	866	866
14-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	22.43	AUD	ORD	3,834	3,834
14-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.43	AUD	ORD	578	578
14-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	22.43	AUD	ORD	-492	-492
14-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-34,475	-34,475
14-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-111	-111
14-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2,272	-2,272
14-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,263	2,263
17-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-42,929	-42,929
17-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,039	1,039
17-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-9,127	-9,127
17-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	9,133	9,133
18-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.31	AUD	ORD	858	858
18-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	22.31	AUD	ORD	114	114
18-Feb-20	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-16,786	-16,786
18-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	42,887	42,887
18-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-99,928	-99,928
18-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-74,899	-74,899
18-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-233,861	-233,861
19-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,420	1,420
19-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,289	-5,289
19-Feb-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	47,812	47,812
19-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	432	432
19-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,000	3,000
19-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,699	-6,699
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	290	290
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.50	AUD	ORD	862	862
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	21.50	AUD	ORD	-5,172	-5,172
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.50	AUD	ORD	319	319
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.50	AUD	ORD	3,520	3,520
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.50	AUD	ORD	580	580
20-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	21.50	AUD	ORD	10,139	10,139
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	21.30	AUD	ORD	-1,758	-1,758
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	580	580
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.30	AUD	ORD	580	580
20-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-69,988	-69,988
20-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	94,024	94,024
20-Feb-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-7,000	-7,000

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	on to CCY Class and number of securities affected			Person's votes affected
21-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	21.66	AUD	ORD	1,255	1,255
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.66	AUD	ORD	638	638
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.66	AUD	ORD	638	638
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.66	AUD	ORD	290	290
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.66	AUD	ORD	1,105	1,105
21-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	21.66	AUD	ORD	-3,834	-3,834
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.66	AUD	ORD	2,650	2,650
21-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	21.66	AUD	ORD	-7,588	-7,588
21-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,120	-5,120
21-Feb-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-146,920	-146,920
21-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	448,759	448,759
24-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-13,205	-13,205
24-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	21.42	AUD	ORD	-519	-519
24-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	21.42	AUD	ORD	19,217	19,217
24-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	21.42	AUD	ORD	-6,551	-6,551
24-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	21.42	AUD	ORD	-2,203	-2,203
24-Feb-20	BlackRock Asset Management Canada	on mkt buy	21.42	AUD	ORD	4,454	4,454
04 Fab 20	Limited	in anasia	2/2	ALID	ODD	4 700	4 700
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,788	-4,788
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,760	-1,760
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,064	-1,064
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-723	-723
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,200	-2,200
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,615	-3,615
24-Feb-20	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1
24-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-149	-149
24-Feb-20 24-Feb-20	BlackRock Advisors (UK) Limited BLACKROCK FINANCIAL	collateral transfer	n/a n/a	AUD AUD	ORD ORD	-227,400 14	-227,400 14
24-Feb-20	MANAGEMENT, INC. BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	116	116
24-Feb-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-448,672	-448,672
24-Feb-20	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	18	18
25-Feb-20	Limited  BlackRock Investment Management (UK)	Placement	21.19	AUD	ORD	28,000	28,000
25-Feb-20	Limited  BlackRock Institutional Trust Company,	Placement	21.19	AUD	ORD	105,572	105,572
25-Feb-20	National Association BlackRock Advisors (UK) Limited	Placement	21.19	AUD	ORD	6,307	6,307
25-Feb-20	BlackRock Investment Management (Australia) Limited	Placement	21.19	AUD	ORD	36,101	36,101
25-Feb-20	BlackRock Investment Management (UK) Limited	Placement	21.19	AUD	ORD	421,168	421,168
25-Feb-20	BlackRock Investment Management (UK) Limited	Placement	21.19	AUD	ORD	62,863	62,863
25-Feb-20	BlackRock Investment Management (Australia) Limited	Placement	21.19	AUD	ORD	898,884	898,884
25-Feb-20	BlackRock Investment Management (UK) Limited	Placement	21.19	AUD	ORD	2,982	2,982
25-Feb-20	BlackRock Asset Management Canada	Placement	21.19	AUD	ORD	3,220	3,220
25-Feb-20	ElackRock Investment Management	Placement	21.19	AUD	ORD	41,482	41,482
25-Feb-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	21.18	AUD	ORD	7,041	7,041
25-Feb-20	(Australia) Limited BlackRock Investment Management	on mkt buy	21.12	AUD	ORD	4,686	4,686
25-Feb-20	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	21.12	AUD	ORD	-1,058	-1,058
ノン・ロビロ・ブリ	BlackRock Advisors (UK) Limited  BlackRock Advisors (UK) Limited	on mkt sell	21.12	AUD	ORD	-1,058 -428	-1,058 -428
	PIROTITOUS AUVISOUS LOUI LIIIIILEU						
25-Feb-20		on mkt sell	21 12		()()()	_6/19	
25-Feb-20 25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	21.12	AUD	ORD ORD	-548 870	-548 870
25-Feb-20 25-Feb-20 25-Feb-20	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy	21.12	AUD	ORD	870	870
25-Feb-20 25-Feb-20	BlackRock Advisors (UK) Limited						

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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	
25-Feb-20	BLACKROCK ADVISORS, LLC	collateral transfer	n/a	AUD	ORD	-1	-1	
25-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3	-;	
25-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-14	-14	
25-Feb-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-116	-116	
25-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,913	6,913	
25-Feb-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-18	-18	
26-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	852	852	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.74	AUD	ORD	-3,836	-3,836	
26-Feb-20	BlackRock Asset Management Canada Limited	on mkt sell	20.74	AUD	ORD	-1,958	-1,958	
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	20.74	AUD	ORD	-64,194	-64,194	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-17,026	-17,026	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-1,814	-1,814	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-256,093	-256,093	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-38,224	-38,224	
26-Feb-20	BlackRock Investment Management	on mkt buy	20.74	AUD	ORD	8,485	8,485	
26-Feb-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.74	AUD	ORD	757	757	
26-Feb-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.74	AUD	ORD	9,918	9,918	
26-Feb-20	(Australia) Limited BlackRock Investment Management	on mkt buy	20.74	AUD	ORD	19,882	19,882	
26-Feb-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.74	AUD	ORD	3,502	3,502	
26-Feb-20	(Australia) Limited  BlackRock Investment Management	on mkt buy	20.74	AUD	ORD	7,998	7,998	
26-Feb-20	(Australia) Limited BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	2,989	2,989	
26-Feb-20	BlackRock Institutional Trust Company,	on mkt buy	20.74	AUD	ORD	1,100	1,100	
26-Feb-20	National Association BlackRock Institutional Trust Company, National Association	on mkt buy	20.74	AUD	ORD	1,091	1,09	
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.71	AUD	ORD	4,260	4,260	
26-Feb-20	BlackRock Investment Management (UK)	on mkt buy	20.70	AUD	ORD	153,451	153,45	
26-Feb-20	BlackRock Investment Management	on mkt buy	20.71	AUD	ORD	3,834	3,83	
20 Fab 20	(Australia) Limited	an malet a all	20.74	ALID	ODD	4.070	4.07	
26-Feb-20 26-Feb-20	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	20.71	AUD AUD	ORD ORD	-1,070 -345	-1,07	
26-Feb-20 26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	325	-34: 32:	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	2,538	2,538	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	20.71	AUD	ORD	289	2,330	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.71	AUD	ORD	-246	-240	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.71	AUD	ORD	-861	-86	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.74	AUD	ORD	-597	-59	
26-Feb-20	BlackRock Asset Management Canada Limited	on mkt sell	20.74	AUD	ORD	-305	-30	
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	20.74	AUD	ORD	-10,001	-10,00	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-2,652	-2,652	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-282	-282	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-39,898	-39,898	
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-5,956	-5,956	
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.74	AUD	ORD	-1,874	-1,874	
26-Feb-20	BlackRock Asset Management Canada Limited	on mkt sell	20.74	AUD	ORD	-957	-957	
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	20.74	AUD	ORD	-31,377	-31,377	

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-8,322	-8,322
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-886	-886
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-125,177	-125,177
26-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	20.74	AUD	ORD	-18,683	-18,683
26-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,612	-18,612
26-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,844	-11,844
26-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,939	1,939
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.71	AUD	ORD	4,349	4,349
27-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	20.69	AUD	ORD	116,157	116,157
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	20.58	AUD	ORD	868	868
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.58	AUD	ORD	-749	-749
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.58	AUD	ORD	-325	-325
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.58	AUD	ORD	-2,828	-2,828
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	20.58	AUD	ORD	-560	-560
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	20.58	AUD	ORD	580	580
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	28,953	28,953
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	29,394	29,394
27-Feb-20	BlackRock Investment Management, LLC	on mkt buy	20.58	AUD	ORD	5,798	5,798
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	21,353	21,353
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	28,933	28,933
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	9,770	9,770
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	4,558	4,558
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	10,574	10,574
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.58	AUD	ORD	11,775	11,775
27-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	333	333
27-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	115,533	115,533
27-Feb-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	394,352	394,352
27-Feb-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,161	2,161
27-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-22,182	-22,182
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.89	AUD	ORD	1,344	1,344
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.89	AUD	ORD	5,226	5,226
28-Feb-20	BlackRock Asset Management Canada Limited	on mkt buy	19.89	AUD	ORD	1,947	1,947
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,943	2,943
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	1,318	1,318
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	19.80	AUD	ORD	-909	-909
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	19.80	AUD	ORD	-366	-366
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	3,087	3,087
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	9,265	9,265
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	595	595
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	1,789	1,789
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	2,300	2,300
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	19.80	AUD	ORD	6,908	6,908
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	2,857	2,857
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	8,577	8,577

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
28-Feb-20	BlackRock Asset Management Canada Limited	on mkt buy	19.80	AUD	ORD	3,458	3,458
28-Feb-20	BlackRock Asset Management Canada Limited	on mkt buy	19.80	AUD	ORD	10,378	10,378
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	20,729	20,729
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	62,178	62,178
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	15,400	15,400
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	46,192	46,192
28-Feb-20	BlackRock International Limited	on mkt buy	19.80	AUD	ORD	7,289	7,289
28-Feb-20	BlackRock International Limited	on mkt buy	19.80	AUD	ORD	2,428	2,428
28-Feb-20	BlackRock (Netherlands) B.V.	on mkt buy	19.80	AUD	ORD	272	272
28-Feb-20	BlackRock (Netherlands) B.V.	on mkt buy	19.80	AUD	ORD	820	820
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	6,895	6,895
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	20,678	20,678
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	4,958	4,958
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	1,652	1,652
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	2,055	2,055
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	683	683
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	2,123	2,123
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	19.80	AUD	ORD	6,374	6,374
28-Feb-20	BlackRock Institutional Trust Company,	on mkt buy	19.80	AUD	ORD	45,234	45,234
28-Feb-20	National Association  BlackRock Institutional Trust Company,	on mkt buy	19.80	AUD	ORD	15,081	15,081
28-Feb-20	National Association  BlackRock Institutional Trust Company,	on mkt buy	19.80	AUD	ORD	4,365	4,365
28-Feb-20	National Association  BlackRock Institutional Trust Company,	on mkt buy	19.80	AUD	ORD	13,086	13,086
28-Feb-20	National Association  BlackRock Investment Management (UK)	on mkt buy	19.80	AUD	ORD	4,650	4,650
	Limited	,				,	
28-Feb-20	BlackRock Investment Management (UK) Limited		19.80	AUD	ORD	13,946	13,946
28-Feb-20	BlackRock Investment Management (UK) Limited	•	19.80	AUD	ORD	5,740	5,740
28-Feb-20	BlackRock Investment Management (UK) Limited	·	19.80	AUD	ORD	17,212	17,212
28-Feb-20	BlackRock Fund Advisors	on mkt buy	19.80	AUD	ORD	27,209	27,209
28-Feb-20	BlackRock Fund Advisors	on mkt buy	19.80	AUD	ORD	9,073	9,073
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	1,398	1,398
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	1,150	1,150
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.80	AUD	ORD	9,098	9,098
28-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	19.80	AUD	ORD	47,982	47,982
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	444	444
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-216	-216
28-Feb-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-72,737	-72,737
28-Feb-20 28-Feb-20	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	collateral transfer collateral transfer	n/a n/a	AUD AUD	ORD ORD	62,466 5,907	62,466 5,907
28-Feb-20	Limited BlackRock Asset Management North Asia	collateral transfer	n/a	AUD	ORD	-360	-360
02-Mar-20	Limited BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	4,981	4,981
02-Mar-20	National Association  BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	22,106	22,106
02-Mar-20	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,972	5,972
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,540	1,540
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,340	1,340
02-Mar-20 02-Mar-20	BlackRock Investment Management	on mkt buy	19.60	AUD	ORD	37,055	37,055
02-Mar-20	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	19.63	AUD	ORD	-1,362	-1,362
20.11 20	BlackRock Advisors (UK) Limited	on mkt sell	19.63	AUD	ORD	-1,822	-1,822
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02-Mar-20 02-Mar-20		on mkt sell	19.63	ALID	ORD	-1 121	-1 121
02-Mar-20 02-Mar-20 02-Mar-20	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	19.63 19.63	AUD AUD	ORD ORD	-1,131 -975	-1,131 -975

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class and number of securities affected		Person's votes affected
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	19.63	AUD	ORD	-110	-110
02-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	19.63	AUD	ORD	22,596	22,596
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,610	-3,610
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	444	444
02-Mar-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	293,338	293,338
02-Mar-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,317	-14,317
02-Mar-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-400,259	-400,259
02-Mar-20	BlackRock Asset Management North Asia Limited		n/a	AUD	ORD	-1,801	-1,801
03-Mar-20	BlackRock Fund Advisors	on mkt buy	19.98	AUD	ORD	31,039	31,039
03-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	20.14	AUD	ORD	251	251
03-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.15	AUD	ORD	5,912	5,912
03-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.16	AUD	ORD	1,057	1,057
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	20.17	AUD	ORD	-1,830	-1,830
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.17	AUD	ORD	108	108
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	20.17	AUD	ORD	-119	-119
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.17	AUD	ORD	428	428
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.17	AUD	ORD	324	324
03-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	20.17	AUD	ORD	-39,404	-39,404
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	999	999
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,855	-19,855
		•					
03-Mar-20 04-Mar-20	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited	collateral transfer on mkt buy	n/a 20.02	AUD	ORD ORD	62,161 20,520	62,16 <sup>2</sup> 20,520
04-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.02	AUD	ORD	8,456	8,456
04-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.02	AUD	ORD	2,694	2,694
04-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.02	AUD	ORD	6,541	6,541
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	20.01	AUD	ORD	883	883
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	20.01	AUD	ORD	109	109
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	20.01	AUD	ORD	103	103
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	20.01	AUD	ORD	-940	-940
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.01	AUD	ORD	323	323
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.01	AUD	ORD	742	742
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.01	AUD	ORD	530	530
04-Mar-20	BlackRock Asset Management Canada Limited	on mkt buy	20.01	AUD	ORD	11,271	11,271
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	20.01	AUD	ORD	2,885	2,885
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	648	648
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,415	-5,415
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	648	648
04-Mar-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-26,523	-26,523
05-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,352	-6,352
	BlackRock Fund Advisors						
05-Mar-20 05-Mar-20	BlackRock Investment Management	in specie on mkt sell	n/a 20.20	AUD	ORD ORD	1,144 -1,267	1,144 -1,267
05-Mar-20	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	20.62	AUD	ORD	30,872	30,872
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.62	AUD	ORD	921	92′
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	20.62	AUD	ORD	-5,694	-5,694
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.62	AUD	ORD	695	695
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.62	AUD	ORD	54	54
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.62	AUD	ORD	11,660	11,660
			20.62		ORD		
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy		AUD		695	695
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	20.62	AUD	ORD	682	682
05-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	20.62	AUD	ORD	10,082	10,082
				ALID	000	0.004	0.007
05-Mar-20	BlackRock Investment Management, LLC	<u> </u>	20.62	AUD	ORD	8,331	8,331
05-Mar-20 05-Mar-20	BlackRock Investment Management, LLC BlackRock Japan Co., Ltd.	on mkt buy collateral transfer	20.62 n/a	AUD AUD	ORD ORD ORD	-82,972	-82,972

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration given change	n in relation to	CCY	Class and securities		Person's votes affected
05-Mar-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,000	-7,000
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,182	-2,182
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	861	861
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	574	574
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	19.91	AUD	ORD	-950	-950
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	19.91	AUD	ORD	-280	-280
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	19.91	AUD	ORD	-321	-321
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	19.91	AUD	ORD	707	707
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	19.91	AUD	ORD	686	686
06-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	19.91	AUD	ORD	-4,540	-4,540
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	19.91	AUD	ORD	642	642
06-Mar-20	BlackRock Investment Management, LLC	on mkt buy	19.91	AUD	ORD	1,026	1,026
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	648	648
06-Mar-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-215,044	-215,044
06-Mar-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9,777	9,777
06-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	164,464	164,464
06-Mar-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	265,628	265,628
06-Mar-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,320	10,320
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,352	-6,352
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,258	-3,258
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	18.14	AUD	ORD	-1,842	-1,842
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	107	107
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	266	266
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	18.14	AUD	ORD	-440	-440
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	2,763	2,763
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	2,360	2,360
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	648	648
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,220	-7,220
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-576	-576
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	333	333
09-Mar-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-15,000	-15,000
09-Mar-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	504,584	504,584
09-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-134,513	-134,513
09-Mar-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-217,983	-217,983
09-Mar-20	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-9,065	-9,065
10-Mar-20	Limited  BlackRock Investment Management (UK)	on mkt sell	18.08	AUD	ORD	-20,520	-20,520
40.14 00	Limited					0.710	
10-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,712	8,712
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	18.31	AUD	ORD	-30,418	-30,418
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	18.31	AUD	ORD	-921	-921
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	18.31	AUD	ORD	-950	-950
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	18.31	AUD	ORD	-139	-139
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.31	AUD	ORD	321	321
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.31	AUD	ORD	122	122
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	18.31	AUD	ORD	-244	-244
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.31	AUD	ORD	1,272	1,272
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	18.31	AUD	ORD	486	486
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	18.31	AUD	ORD	16,183	16,183
10-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	18.31	AUD	ORD	-512	-512
10-Mar-20	BLACKROCK ADVISORS, LLC	on mkt sell	18.31	AUD	ORD	-24,117	-24,117
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	18.31	AUD	ORD	-8,708	-8,708
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	18.31	AUD	ORD	-2,751	-2,751
10-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,443	-1,443
10-IVIAI-20		in specie	n/a	AUD	ORD	-7,220	-7,220
10-Mar-20	BlackRock Fund Advisors						
	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	377,269	377,269
10-Mar-20			n/a n/a	AUD AUD AUD	ORD ORD ORD	377,269 -389,110	377,269 -389,110

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class and number of securities affected		Person's votes affected	
10-Mar-20	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-47,645	-47,645	
10-Mar-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	427,661	427,661	
10-Mar-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,528	1,528	
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,200	2,200	
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,650	1,650	
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	18.18	AUD	ORD	7,224	7,224	
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	18.13	AUD	ORD	10,544	10,544	
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	17.95	AUD	ORD	-144	-144	
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	17.95	AUD	ORD	-129	-129	
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	18.20	AUD	ORD	47,309	47,309	
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	17.80	AUD	ORD	-2,724	-2,724	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-2,781	-2,781	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-927	-927	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-953	-953	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-318	-318	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	17.80	AUD	ORD	323	323	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	17.80	AUD	ORD	323	323	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-122	-122	
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	17.80	AUD	ORD	-561	-561	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	17.80	AUD	ORD	323	323	
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-488	-488	
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	17.80	AUD	ORD	-5,002	-5,002	
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	17.80	AUD	ORD	41,362	41,362	
11-Mar-20	BlackRock Investment Management, LLC	on mkt buy	17.80	AUD	ORD	5,889	5,889	
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	17.80	AUD	ORD	77,645	77,645	
11-Mar-20	BlackRock Fund Advisors	on mkt sell	17.80	AUD	ORD	-4,521	-4,521	
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,528	-9,528	
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,580	-3,580	
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,370	-5,370	
11-Mar-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-167,097	-167,097	
11-Mar-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	73,247	73,247	
11-Mar-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-323,713	-323,713	
11-Mar-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,182	-1,182	
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	16.70	AUD	ORD	-25,424	-25,424	
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	16.70	AUD	ORD	1,816	1,816	
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	16.70	AUD	ORD	54	54	
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	16.70	AUD	ORD	-420	-420	
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	16.70	AUD	ORD	686	686	
12-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-105	-105	
12-Mar-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	216	216	
12-Mar-20	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	267,160	267,160	
12-Mar-20	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	439,024	439,024	
12-Mar-20	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	333,887	333,887	
12-Mar-20	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-346	-346	

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This is Annexure B of 11 pages referred to in form 604 Notice of change of interests of substantial shareholder

Maria Tricarico, Date
Authorised Signatory

## 4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and i Secur	Person's votes	
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	21,034	1 21,034
BlackRock (Netherlands) B.V.	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	3,397	3,397
BlackRock (Netherlands) B.V.	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	51,668	51,668
BlackRock (Singapore) Limited	BNP Paribas Securities Services Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,593	4,593

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Holder of Relevant Registered Holder of Person entitled to be Interests Securities registered as holder (8)		Nature of Relevant Interest (6)	Class an	Person's votes		
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	772	772
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	493,592	493,592
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	364,404	364,404
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	91,811	91,811
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	2,017,303	2,017,303
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	7,581	7,581
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	2,728	2,728
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	97,535	97,535
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	5,028	5,028

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Holder of Relevant Interests	verests Securities registered as holder (8)  Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	
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	196,144	196,144
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	68,569	68,569
BlackRock Asset Management Canada Limited	BNYM-THE BANK OF NEW YORK	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,364	1,364
BlackRock Asset Management Canada 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	206,035	206,035
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	23,270	23,270
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	17,780	17,780
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	68,048	68,048
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	4,045	4,045
BlackRock Asset Management North Asia Limited	HSBC-HSBC, HONG KONG	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,267	5,267

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Holder of Relevant Interests	nterests Securities registered as holder (8) Nature of Relevant Interest (6)		Nature of Relevant Interest (6)	Class and nur Securitie	Person's votes	
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 524		524
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	8,575	8,575
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	56,112	56,112
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	684	684
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	36,204	36,204
BLACKROCK FINANCIAL MANAGEMENT, INC.	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	52,106	52,106
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	59,059	59,059
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	66,138	66,138
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	3,427	3,427

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Holder of Relevant Interests	Registered Holder of Person entitled to be registered as holder		Nature of Relevant Interest (6)	Class an	Person's votes	
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	65,683	65,683	
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	17,936	17,936
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	5,238,097	5,238,097
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	432,841	432,841
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	22,939	22,939
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,140	2,140
BlackRock Institutional Trust Company, National Association	CS-CREDIT SUISSE PRIME BROKERAGE - 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	844	844
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	6,070,341	6,070,341
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	715	715

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and Secu		Person's votes
BlackRock Institutional	NT-NORTHERN TRUST		Power to control the exercise of a right to vote attached to	ORD	66,094	66,094
Trust Company, National	CO CHICAGO		securities and/or the power to dispose of securities as			
Association			investment manager or trustee.			
BlackRock Institutional	SSB-SSB NEW YORK		Power to control the exercise of a right to vote attached to	ORD	158,329	158,329
Trust Company, National	INSTITUTIONAL		securities and/or the power to dispose of securities as			
Association			investment manager or trustee.			
BlackRock Institutional	SSB-STATE STATE		Power to control the exercise of a right to vote attached to	ORD	24,923	24,923
Trust Company, National	HONG KONG		securities and/or the power to dispose of securities as			
Association			investment manager or trustee.			
BlackRock Institutional	SSB-STATE STREET		Power to control the exercise of a right to vote attached to	ORD	950	950
Trust Company, National	SACRAMENTO		securities and/or the power to dispose of securities as			
Association			investment manager or trustee.			
BlackRock Institutional	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to	ORD	19,493	19,493
Trust Company, National			securities and/or the power to dispose of securities as			
Association			investment manager or trustee.			
BlackRock International	JPM-JP MORGAN CHASE		Power to control the exercise of a right to vote attached to	ORD	20,704	20,704
Limited	- NEW YORK		securities and/or the power to dispose of securities as			
			investment manager or trustee.			
BlackRock International	NT-NORTHERN TRUST		Power to control the exercise of a right to vote attached to	ORD	157,762	157,762
Limited	UK		securities and/or the power to dispose of securities as			
			investment manager or trustee.			
BlackRock Investment	BOA-MERRILL LYNCH		Power to control the exercise of a right to vote attached to	ORD	25,311	25,311
Management (Australia)	INTL PRIME BROKER -		securities and/or the power to dispose of securities as			
Limited	NEW YORK		investment manager or trustee.			
BlackRock Investment	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to	ORD	624,523	624,523
Management (Australia)			securities and/or the power to dispose of securities as			
Limited			investment manager or trustee.			

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Holder of Relevant Interests	Interests Securities registered as holder (8)		Nature of Relevant Interest (6)	Class and Sec	Person's votes	
BlackRock Investment Management (Australia)	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	ORD	2,011,661	2,011,661
Limited	OTBINET		investment manager or trustee.			
BlackRock Investment	NAB-NATIONAL		Power to control the exercise of a right to vote attached to	ORD	1,665,610	1,665,610
Management (Australia)	AUSTRALIA BANK		securities and/or the power to dispose of securities as			
Limited	LIMITED - MELBOURNE		investment manager or trustee.			
BlackRock Investment Management (Australia)	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	ORD	370,831	370,831
Limited			investment manager or trustee.			
BlackRock Investment	SSB-STATE STREET		Power to control the exercise of a right to vote attached to	ORD	19,399	19,399
Management (Australia)	SINGAPORE		securities and/or the power to dispose of securities as			
Limited			investment manager or trustee.			
BlackRock Investment	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to	ORD	253,937	253,937
Management (Australia)			securities and/or the power to dispose of securities as			
Limited			investment manager or trustee.			
BlackRock Investment	AP7		Power to control the exercise of a right to vote attached to	ORD	235,525	235,525
Management (UK) Limited			securities and/or the power to dispose of securities as			
			investment manager or trustee.			
BlackRock Investment	BNP PARIBAS LUX		Power to control the exercise of a right to vote attached to	ORD	1,357	1,357
Management (UK) Limited			securities and/or the power to dispose of securities as			
	DAID DAID D. II. AAII		investment manager or trustee.	000	10010	10010
BlackRock Investment	BNP-BNP Paribas Milan		Power to control the exercise of a right to vote attached to	ORD	16,946	16,946
Management (UK) Limited			securities and/or the power to dispose of securities as			
BlackRock Investment	BNYM-BANK OF NY		investment manager or trustee.  Power to control the exercise of a right to vote attached to	ORD	372,883	372,883
Management (UK) Limited	BRUS		securities and/or the power to dispose of securities as	OND	312,003	312,003
Management (Ort) Limited	DIXOO		investment manager or trustee.			

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Holder of Relevant Interests	Prests Securities registered as holder (8)  Nature of Relevant Interest (6)		Nature of Relevant Interest (6)	Class and no Securit	Person's votes	
BlackRock Investment	BNYM-BONY EUROPE -		Power to control the exercise of a right to vote attached to	ORD	199,865	199,865
Management (UK) Limited	LONDON		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	BNYM-BONY		Power to control the exercise of a right to vote attached to	ORD	549,962	549,962
Management (UK) Limited	LUXEMBOURG		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to	ORD	889,410	889,410
Management (UK) Limited			securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	HSBC BANK MIDDLE		Power to control the exercise of a right to vote attached to	ORD	1,243	1,243
Management (UK) Limited	EAST LIMITED		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to	ORD	495,741	495,741
Management (UK) Limited			securities and/or the power to dispose of securities as			
			investment manager or trustee.			
BlackRock Investment	JPM-JP MORGAN CHASE		Power to control the exercise of a right to vote attached to	ORD	21,840	21,840
Management (UK) Limited	- NEW YORK		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	KAS-KAS BANK -		Power to control the exercise of a right to vote attached to	ORD	208.164	208,164
Management (UK) Limited	AMSTERDAM		securities and/or the power to dispose of securities as			
			investment manager or trustee.			
BlackRock Investment	Northern Trust		Power to control the exercise of a right to vote attached to	ORD	8,836	8,836
Management (UK) Limited	Luxembourg		securities and/or the power to dispose of securities as		,	,
· , ,	-		investment manager or trustee.			
BlackRock Investment	Northern Trust Singapore		Power to control the exercise of a right to vote attached to	ORD	65,787	65,787
Management (UK) Limited			securities and/or the power to dispose of securities as			
			investment manager or trustee.			

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		number of urities	Person's votes
BlackRock Investment	NT-NORTHERN TRUST		Power to control the exercise of a right to vote attached to	ORD	11,164	11,164
Management (UK) Limited	CO CHICAGO		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	NT-NORTHERN TRUST		Power to control the exercise of a right to vote attached to	ORD	949,734	949,734
Management (UK) Limited	UK		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	SEB-SKANDINAVISKA		Power to control the exercise of a right to vote attached to	ORD	27,194	27,194
Management (UK) Limited	ENSKILDA BANKEN		securities and/or the power to dispose of securities as			
			investment manager or trustee.			
BlackRock Investment	SSB-STATE STATE		Power to control the exercise of a right to vote attached to	ORD	17,257	17,257
Management (UK) Limited	HONG KONG		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	SSB-STATE STREET		Power to control the exercise of a right to vote attached to	ORD	97,572	97,572
Management (UK) Limited	BANK LUXEMBOURG		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	SSB-State Street Bank		Power to control the exercise of a right to vote attached to	ORD	3,323	3,323
Management (UK) Limited	S.p.A		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	SSB-STATE STREET		Power to control the exercise of a right to vote attached to	ORD	27,773	27,773
Management (UK) Limited	BANK, GERMANY		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	SSB-STATE STREET		Power to control the exercise of a right to vote attached to	ORD	215,949	215,949
Management (UK) Limited	LONDON		securities and/or the power to dispose of securities as investment manager or trustee.			
BlackRock Investment	BBH-BROWN BROTHERS		Power to control the exercise of a right to vote attached to	ORD	15,441	15,441
Management, LLC	HARRIMAN & CO - NEW YORK		securities and/or the power to dispose of securities as investment manager or trustee.			

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		l number of urities	Person's votes
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	257,811	257,811
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	232,888	232,888
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	873	873
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	68,674	68,674
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	3,061	3,061
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	3,597	3,597
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	7,658	7,658
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	468,305	468,305
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	21,675	21,675

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Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes
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	9,376	9,376
BlackRock Japan Co., Ltd.	SSB-State Street Bank And Trust Co.		Power to 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	308,541	308,541
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	5,014	5,014
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	202,658	202,658
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	212,645	212,645
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	48,116	48,116
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	1,430,562	1,430,562

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

Maria Tricarico, Date
Authorised Signatory

## 7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street
	New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor
	Amstelplein
	Amsterdam Netherlands
BlackRock (Singapore) Limited	20 Anson Road #18-01
	079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue.
	London, EC2N 2DL,
	United Kingdom
BlackRock Advisors, LLC	1209 Orange Street,
	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500
	Toronto, Ontario M5J 2S1
	Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower,
	3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	1209 Orange Street,
	Wilmington, New Castle County,
	Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street
	San Francisco, CA, 94105
	United States
BlackRock Institutional Trust Company, National	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
BL IB III ( III)	Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue
	London EC2N 2DL
BLIB III ( M	United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street,
	Wilmington, New Castle County,
Disab Deals Janes Co. 144	Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main,
	1-8-3 Marunouchi,
	Chiyoda-ku, Tokyo 100-8217 (Japan)

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This is Annexure D of 3 pages referred to in	form 604 Notice of change of interes	sts of substantial shareholder
Maria Tricarico, Authorised Signatory	16-March-2020 Date	

Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.		
Parties to agreement:	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.		
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure A		
Holder of voting rights:	The Borrower.		
Are there any restrictions on voting rights?  If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.		
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure A		
Does the borrower have the right to return early?  If yes, detail	Yes.  The Borrower is entitled to substitute existing collateral with other equities at any time.		
Does the lender have the right to recall early?  If yes, detail	Yes, at notice.		
Will the securities be returned on settlement?  If yes, detail any exceptions	Yes.		

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

## **Securities Lending Agreements**

Agreements entered into between BlackRock Advisors Limited and each of the following counterparties:

- (a) Bank of Nova Scotia, London Branch GMSLA, 25 August 2011
- (b) Barclays Bank plc GMSLA, 9 April 2104
- (c) Barclays Capital Securities Limited GMSLA, 2 December 2012
- (d) BNP Paribas Arbitrage GMSLA, 30 May 2013
- (e) BNP Paribas GMSLA, 8 May 2007
- (f) Citigroup Global Markets Limited GMSLA, 18 January 2007
- (g) Commerzbank AG OSLA, 17 July 2002
- (h) Credit Suisse AG, Dublin Branch GMSLA, 28 September 2015
- (i) Credit Suisse International GMSLA, 10 March 2014
- (j) Credit Suisse Securities (Europe) Limited GMSLA, 26 August 2015
- (k) Deutsche Bank AG, London Branch GMSLA, 25 August 2017
- (I) Goldman Sachs International OSLA, 3 July 2001
- (m) HSBC Bank plc GMSLA GMSLA, 27 October 2016
- (n) ING Bank N.V. GMSLA, 12 November 2018 (not yet operationally active)
- (o) J.P. Morgan Securities plc GMSLA, 12 July 2011
- (p) Macquarie Bank Limited GMSLA, 18 August 2014
- (q) Merrill Lynch International OSLA, 13 July 1999
- (r) Morgan Stanley & Co International plc OSLA, 8 September 1999
- (s) Natixis SA GMSLA, 29 January 2018
- (t) Nomura International plc GMSLA, 2 November 2011
- (u) Royal Bank of Canada Europe Limited GMSLA, 3 February 2017
- (v) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) GMSLA, 1 April 2011
- (w) Santander UK Plc GMSLA, 25 January 2019 (not yet operationally active)
- (x) Skandinaviska Enskilda Banken AB GMSLA, 4 February 2013
- (y) Societe Generale GMSLA, 27 January 2012
- (z) UBS AG GMSLA, 28 April 2016
- (aa) UBS Europe SE GMSLA, 1 February 2019
- (bb) BAL/Banco Santander, S.A. GMSLA, 30 April 2019
- (cc) Canadian Imperial Bank of Commerce, London Branch GMSLA, 21 June 2019
- (dd) Zürcher Kantonalbank GMSLA, 30 October 2019

Agreements entered into by BlackRock Institutional Trust Corporation, N.A. and each of the following counterparties:

- (a) Bank of Nova Scotia GMSLA, December 6, 2016
- (b) Barclays Bank plc GMSLA, April 24, 2017
- (c) Barclays Capital Securities Limited GMSLA, March 15, 2017
- (d) BNP Paribas Arbitrage GMSLA, June 5, 2017
- (e) Citigroup Global Markets Limited GMSLA, June 3, 2015
- (f) Credit Suisse AG, Dublin Branch GMSLA, October 14, 2015
- (g) Credit Suisse Securities (Europe) Limited GMSLA, October 2, 2015
- (h) Deutsche Bank AG, London Branch GMSLA, June 7, 2017
- (i) Goldman Sachs International OSLA April 1, 2004
- (j) HSBC Bank plc GMSLA, February 12, 2013
- (k) J.P. Morgan Securities plc GMSLA, October 4, 2016
- (I) Macquarie Bank Limited **GMSLA**, **October 3**, **2016**
- (m) Merrill Lynch International GMSLA, February 19, 2014
- (n) Morgan Stanley & Co International plc OSLA, February 7, 2007
- (o) Nomura International plc GMSLA 03 August 2018 not yet operational
- (p) Societe Generale GMSLA, September 28, 2016
- (q) UBS AG GMSLA, May 26, 2016
- (r) UBS Europe SE GMSLA, 1 February 2019
- (s) The Hongkong and Shanghai Banking Corporation Limited GMSLA, 22 February 2019
- (t) RBC Europe Limited GMSLA, 4 February 2019
- (u) ING BANK N.V. GMSLA, 27 February, 2019

These counterparties do not pledge Australian equities:

- (a) Lloyds Bank plc
- (b) Merrill Lynch, Pierce, Fenner Smith Incorporated
- (c) Unicredit

These counterparties do not have any business with us anymore although may have done previously:
(a) Morgan Stanley Securities Limited (No Business) OSLA 15 March 1999
Royal Bank of Scotland N.V. **GMSLA, 12 October 2011 – No Business, superseded by Royal Bank of Scotland PLC**