Form 604

Corporations Act 2001 Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme	REGION GROUP
ACN/ARSN	158 809 851
1. Details of substantial holder(1	BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable)	to this form)
There was a change in the interests of substantial holder on The previous notice was given to the c	18 / 03 / 2024
The previous notice was dated	<u>16 / 12 / 20</u> 20

2. Previous and present voting power

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

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ORD	76,019,093	7.06	96,127,596	8.27

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 Tevin Murray	Capacity *Authorised Signatory
-------------------------	--------------------------------

sign here

date 20 / 03 /2024

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

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations 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.

This is Annexure A of 97 pages referred to in form 604 Notice of change of interests of substantial shareholder

	20-Mar-24
Tevin Murray,	Date
Authorised Signatory	

5. Consideration

		REGION GRO	DUP (RGN)				
Date of Change	Person whose relevant interest changed	Nature of c Consideration giv chang	ven in relation to	CCY	Class and securities		Person's votes affected
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	2.62	AUD	ORD	-5,918	-5,918
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.63	AUD	ORD	4,536	4,536
18-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,024	6,024
18-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	2.56	AUD	ORD	-758	-758
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	7,146	7,146
18-Dec-20	BlackRock Japan Co., Ltd.	on mkt sell	2.55	AUD	ORD	-1,046	-1,046
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	7,454	7,454
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	4,536	4,536
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	18,638	18,638
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	55,910	55,910
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	2.55	AUD	ORD	-37,638	-37,638
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	49,856	49,856
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	2.55	AUD	ORD	-101,005	-101,005
18-Dec-20	BlackRock Fund Advisors	on mkt sell	2.55	AUD	ORD	-22,189	-22,189
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	14,390	14,390
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	4,795	4,795
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	2,454	2,454
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	7,364	7,364
18-Dec-20	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.55	AUD	ORD	4,151	4,151
18-Dec-20	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.55	AUD	ORD	1,382	1,382
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	17,332	17,332
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74,256	74,256
21-Dec-20	BlackRock Investment Management, LLC	on mkt sell	2.52	AUD	ORD	-3,734	-3,734
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	3,024	3,024
22-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,016	4,016
22-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	2.55	AUD	ORD	-296,377	-296,377
22-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	11,850	11,850
23-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,024	6,024
23-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,048	12,048
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.59	AUD	ORD	66,589	66,589
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.57	AUD	ORD	5,925	5,925
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.58	AUD	ORD	3,727	3,727
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.58	AUD	ORD	1,512	1,512
24-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	2.58	AUD	ORD	-31,608	-31,608
29-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	2.62	AUD	ORD	-4,408	-4,408
30-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	42,448	42,448
30-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	163,865	163,865
30-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	2.58	AUD	ORD	-3,727	-3,727
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	2.58	AUD	ORD	-49,128	-49,128

Date of Change	Person whose relevant interest changed	Nature of c Consideration gi chan	ven in relation to	ССҮ	Class and securities		Person's votes affected
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.52	AUD	ORD	5,925	5,925
31-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	4,536	4,536
	BlackRock Investment Management	on mkt sell	2.52	AUD	ORD	-63,722	-63,722
	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	2.52	AUD	ORD	23,061	23,061
	National Association						
04-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,060
04-Jan-21	BlackRock Fund Advisors	on mkt buy	2.56	AUD	ORD	12,609	12,609
	BlackRock Institutional Trust Company, National Association	on mkt buy	2.51	AUD	ORD	47,523	47,523
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,228	21,228
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,614	10,614
	BlackRock Japan Co., Ltd.	on mkt buy	2.46	AUD	ORD	1,048	1,048
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.47	AUD	ORD	7,110	7,110
	BlackRock Advisors (UK) Limited	on mkt buy	2.47	AUD	ORD	3,725	3,725
	BlackRock Advisors (UK) Limited	on mkt buy	2.47	AUD	ORD	104,554	104,554
	BlackRock Investment Management (Australia) Limited	on mkt sell	2.47	AUD	ORD	-4,362	-4,362
	BlackRock Institutional Trust Company, National Association	on mkt buy	2.47	AUD	ORD	14,808	14,808
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,921	15,921
06-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.47	AUD	ORD	8,228	8,228
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,540	26,540
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,924	15,924
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,616	10,616
	BlackRock Advisors (UK) Limited	on mkt sell	2.46	AUD	ORD	-117,727	-117,727
	BlackRock Institutional Trust Company, National Association	on mkt sell	2.46	AUD	ORD	-119,889	-119,889
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	3,552	3,552
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.46	AUD	ORD	1,512	1,512
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.46	AUD	ORD	4,536	4,536
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	28,768	28,768
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	7,065	7,065
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	31,968	31,968
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	2,368	2,368
08-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.46	AUD	ORD	3,725	3,725
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,662	10,662
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	53,100	53,100
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,123	-3,123
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,620	10,620
13-Jan-21	BlackRock Japan Co., Ltd.	on mkt buy	2.38	AUD	ORD	395	395
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.38	AUD	ORD	250,000	250,000
13-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	3,725	3,725
	BlackRock Investment Management (UK) Limited	on mkt buy	2.40	AUD	ORD	181,020	181,020
	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	1,512	1,512
	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	3,024	3,024
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,030	3,030
	BlackRock Advisors (UK) Limited	on mkt buy	2.41	AUD	ORD	4,536	4,536
15-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.41	AUD	ORD	9,293	9,293
18-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.40	AUD	ORD	67,155	67,155
	BlackRock Advisors (UK) Limited	on mkt sell	2.45	AUD	ORD	-132,020	-132,020
20-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-74,500	-74,500
	BlackRock Fund Advisors	in specie		AUD	ORD	5,050	5,050
	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-7,450	-7,450
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-59,600	-59,600
	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	1,512	1,512
	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	104,569	104,569
	BlackRock Institutional Trust Company, National Association	on mkt sell	2.40	AUD	ORD	-53,921	-53,921
21-Jan-21	BlackRock Fund Advisors	in specie	n/a 2 30	AUD	ORD	2,106	2,106
	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt sell	2.39	AUD	ORD	8,228	8,228
22-Jan-21	(Australia) Limited	on mki sen	2.39	AUD	ORD	-92,040	-92,040

Date of Change	Person whose relevant interest changed	Nature o Consideration cha	ССҮ	Class and number of securities affected		Person's votes affected	
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,070	7,07
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,933	15,93
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	42,488	42,48
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,040	4,04
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,100	10,10
27-Jan-21	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-56,874	-56,874
27-Jan-21	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-6,314	-6,314
28-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,070	7,07
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD	1,512	1,51
29-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	2.33	AUD	ORD	8,277	8,27
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.33	AUD	ORD	-35,632	-35,63
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.33	AUD	ORD	44,785	44,78
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.33	AUD	ORD	-21,653	-21,65
01-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,06
02-Feb-21	BlackRock Fund Advisors	on mkt buy	2.37	AUD	ORD	46.446	46.440
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	3,725	3,72
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	18,625	18.62
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	1,512	1,51
02-Feb-21 02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	3,024	3,02
02-Feb-21	BlackRock Advisors (OK) Limited BlackRock Institutional Trust Company, National Association	on mkt sell	2.38	AUD	ORD	-7,792	-7,79
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,100	10,10
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,878	31,87
03-Feb-21	BlackRock Japan Co., Ltd.	on mkt buy	2.44	AUD	ORD	1,189	1,18
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.44	AUD	ORD	33,124	33,12
03-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.42	AUD	ORD	3,024	3,02
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.42	AUD	ORD	7,619	7,61
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.42	AUD	ORD	7,734	7,734
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.42	AUD	ORD	-29,324	-29,324
04-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	2.36	AUD	ORD	-16,572	-16,57
04-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	7,450	7,45
04-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	8,517	8,51
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	2.38	AUD	ORD	-116,510	-116,51
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.38	AUD	ORD	-70,403	-70,40
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.38	AUD	ORD	4,732	4,732
08-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,070	7,070
08-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.34	AUD	ORD	67,487	67,48
09-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,668	10,66
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,040	4,04
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,991	-3,99
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-121,487	-121,48
10-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	2.41	AUD	ORD	-100,444	-100,44
11-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,090	9,09
11-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	3,024	3,02
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.40	AUD	ORD	65,029	65,02
12-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,070	7,07
12-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,628	10,62
12-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.41	AUD	ORD	1,512	1,51
17-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,080	8,08
18-Feb-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	68,628	68,62
18-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.35	AUD	ORD	-40,000	-40,00
19-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.34	AUD	ORD	-42,854	-42,85
22-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,050	5,050
22-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.33	AUD	ORD	7,098	7,098
22-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.33	AUD	ORD	3,498	3,498
22-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.33	AUD	ORD	4,536	4,536

ate of Change	Person whose relevant interest changed	Consideration gi	hange (6) / ven in relation to ge (7)	ССҮ	Class and number of securities affected		Person's votes affected
23-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	47,826	47,82
23-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.39	AUD	ORD	196,485	196,48
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,06
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,819	15,8
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,365	26,36
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	2.41	AUD	ORD	-3,768	-3,76
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	2.41	AUD	ORD	1,512	1,5
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,884	3,88
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,280	3,28
25-Feb-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-653,514	-653,57
25-Feb-21	BlackRock Japan Co., Ltd.	on mkt buy	2.38	AUD	ORD	3,727	3,72
25-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,020	2,02
26-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,982	-7,98
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.34	AUD	ORD	7,852	7,8
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.34	AUD	ORD	66,771	66,7
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.34	AUD	ORD	121,913	121,91
26-Feb-21	BlackRock Fund Advisors	on mkt sell	2.34	AUD	ORD	-52,885	-52,8
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.34	AUD	ORD	-4,816	-4,8
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,475	26,4
01-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	10,647	10,6
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	6,996	6,9
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	3,024	3,0
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	9,072	9,0
01-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	137,798	137,7
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,844	20,8
02-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	2.35	AUD	ORD	-90,800	-90,8
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	8,490	8,4
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	3,006	3,0
02-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	73,073	73,0
03-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,040	4,0
04-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.34	AUD	ORD	39,039	39,0
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.34	AUD	ORD	8,485	8,4
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,070	7,0
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,055	26,0
05-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.30	AUD	ORD	47,320	47,3
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.30	AUD	ORD	1,512	1,5
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.30	AUD	ORD	3,024	3,0
09-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,848	20,8
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.33	AUD	ORD	-6,994	-6,9
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.33	AUD	ORD	-14,070	-14,0
10-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,0
10-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,925	36,9
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-3,495	-3,4
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.32	AUD	ORD	14,196	14,
11-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,270	26,2
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.32	AUD	ORD	4,732	4,
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.32	AUD	ORD	127,410	127,4
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-16,988	-16,9
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-59,458	-59,4
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-3,495	-33,4
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-115,335	-115,3
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-10,485	-10,4
12-Mar-21	BlackRock Fund Advisors	in specie		AUD	ORD	21,188	21,
12-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.34	AUD	ORD	-25,521	-25,
	· · · · · · · · · · · · · · · · · · ·			AUD	ORD		-25, 36,
15-Mar-21	BlackRock Fund Advisors	in specie	n/a			36,939	
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6, -3,
15-Mar-21	Disal/Deal/Adultant (UK) 11 11	a malet 11					· · · · · · · · · · · · · · · · · · ·
15-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-3,495	
	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd. BlackRock Advisors (UK) Limited	on mkt sell on mkt sell on mkt buy	2.40 2.42 2.42	AUD AUD AUD	ORD ORD ORD	-3,495 -1,228 4,536	-0,- -1,2 4,5

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
17-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	2.40	AUD	ORD	56,646	56,64
18-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,06
19-Mar-21	BlackRock Investment Management	on mkt buy	2.48	AUD	ORD	13,468	13,46
	(Australia) Limited	on nine 201	2.10	//OD	UND	10,100	10,10
	BlackRock Advisors (UK) Limited	on mkt buy	2.48	AUD	ORD	8,309	8,30
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-16.618	-16,61
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.48	AUD	ORD	1,512	1,51
-	BlackRock Investment Management	on mkt buy					
19-Mar-21	(Australia) Limited		2.48	AUD	ORD	13,433	13,43
19-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	2.48	AUD	ORD	-198,684	-198,68
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.48	AUD	ORD	-7,302	-7,30
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.48	AUD	ORD	-6,629	-6,62
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.48	AUD	ORD	-19,256	-19,25
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.48	AUD	ORD	-29,870	-29,87
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.48	AUD	ORD	-21,143	-21,14
22-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,580	6,58
22-Mar-21 22-Mar-21	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	3,619	3,61
		on mkt sell					
	BlackRock Advisors (UK) Limited		2.45	AUD	ORD	-10,485	-10,48
24-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.50	AUD	ORD	-179,579	-179,57
24-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,640	6,64
24-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,980	4,98
25-Mar-21	BlackRock Fund Advisors	on mkt sell	2.47	AUD	ORD	-2,206	-2,20
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.48	AUD	ORD	2,360	2,36
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.48	AUD	ORD	3,540	3,54
	BlackRock Fund Advisors	an nalet hune	0.40			E0 477	EQ 47
26-Mar-21		on mkt buy	2.48	AUD	ORD	52,477	52,47
29-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.48	AUD	ORD	11,800	11,80
30-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.46	AUD	ORD	9,701	9,70
31-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,595	26,59
31-Mar-21	BlackRock Investment Management	on mkt buy	2.51	AUD	ORD	6,914	6,91
24 Max 24	(Australia) Limited	an naist huns	0.54			2 405	2.40
31-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	2.51	AUD	ORD	3,495	3,49
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.51	AUD	ORD	-7,411	-7,41
31-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.51	AUD	ORD	-67,446	-67,44
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,050	5,05
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,06
01-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	2.47	AUD	ORD	-1,170	-1,17
	BlackRock Advisors (UK) Limited	on mkt buy	2.50	AUD	ORD	3,495	3,49
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.50	AUD	ORD	3,495	3,49
05-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,040	4,04
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,920	31,92
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,640	10,64
06-Apr-21		on mkt buy	2.52	AUD	ORD	3,135	3,13
	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt buy	2.52	AUD	ORD	8,260	8,26
06-Apr-21	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	2.53	AUD	ORD	-48,429	-48,42
	National Association						
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,110	11,11
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,100	10,10
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,06
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,040	4,04
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,040	4,04
07-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.59	AUD	ORD	-117,379	-117,37
	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD	ORD	8,332	8,33
•		•			ORD		
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD		8,332	8,33
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD	ORD	20,982	20,98
	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD	ORD	3,024	3,02
07 4	BlackRock Institutional Trust Company,	on mkt sell	2.57	AUD	ORD	-39,521	-39,52
07-Apr-21	National Association						
07-Apr-21 08-Apr-21	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	37,247	37,24

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ige (7)	ССҮ		number of s affected	Person's votes affected
08-Apr-21	BlackRock Japan Co., Ltd.	on mkt buy	2.60	AUD	ORD	563	56
08-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.59	AUD	ORD	-15,310	-15,31
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	3,497	3,49
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	3,767	3,76
08-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.59	AUD	ORD	43,895	43,89
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,615	26,61
09-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	2.58	AUD	ORD	-555	-55
09-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.60	AUD	ORD	-84,584	-84,58
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,616	32,61
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,080	8,08
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	6,994	6,99
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	1,512	1,51
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,120	18,12
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.57	AUD	ORD	15,301	15,30
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.57	AUD	ORD	3,061	3,06
13-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD	ORD	1,512	1,51
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	1,512	1,51
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	1,512	1,51
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	2.56	AUD	ORD	-65,997	-65,99
15-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,648	4,64
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	6,994	6,99
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	1,512	1,51
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	4,536	4,53
19-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,405	26,40
19-Apr-21	BlackRock Fund Advisors	on mkt buy	2.58	AUD	ORD	2,174	2,17
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.58	AUD	ORD	3,497	3,49
20-Apr-21 21-Apr-21	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt sell	n/a 2.52	AUD AUD	ORD ORD	13,130 -11,770	13,1: -11,7
21-Apr-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	8,318	8,31
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.52	AUD	ORD	12,704	12,70
21-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.52	AUD	ORD	-14,476	-14,47
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,564	10,56
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,976	5,97
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,640	6,64
22-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	2.53	AUD	ORD	127,691	127,69
22-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	3,497	3,49
22-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	3,497	3,49
22-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	3,497	3,49
22-Apr-21	BlackRock Fund Advisors	on mkt buy	2.52	AUD	ORD	50,803	50,80
23-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.51	AUD	ORD	30,602	30,60
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,005	16,0
26-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	2.50	AUD	ORD	-692	-69
26-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.50	AUD	ORD	-123,503	-123,50
26-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.51	AUD	ORD	3,497	3,49
26-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.51	AUD	ORD	3,497	3,49
26-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	2.51	AUD	ORD	59,318	59,3
26-Apr-21	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.51	AUD	ORD	-9,106	-9,10
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	999	99
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,050	23,0
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	3,497	3,49
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	6,994	6,9
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	1,512	1,5
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	3,024	3,02
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	3,024	3,02
29-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37,492	37,4
29-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.54	AUD	ORD	3,497	3,49
30-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,045	31,0
30-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.49	AUD	ORD	14,124	14,12
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.49	AUD	ORD	8,335	8,33
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	2.49	AUD	ORD	6,994	6,99

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	ССҮ	Class and securities	number of affected	Person's votes affected
30-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.49	AUD	ORD	-31,800	-31,800
03-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.52	AUD	ORD	12,947	12,94
05-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,690	11,69
05-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,820	17,820
06-May-21	BlackRock Investment Management	on mkt sell	2.47	AUD	ORD	-90,629	-90,629
06-May-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mit huv	2.47	AUD	ORD	16 704	16,78
	BlackRock Advisors (UK) Limited	on mkt buy on mkt buy				16,784	
06-May-21	BlackRock Advisors (UK) Limited	,	2.47	AUD	ORD	10,488	10,48
06-May-21	· · · · · · · · · · · · · · · · · · ·	on mkt buy	2.47	AUD	ORD	3,024	3,024
06-May-21	BlackRock Japan Co., Ltd.	on mkt sell	2.47	AUD	ORD	-1,246	-1,24
07-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-46,460	-46,46
07-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,820	17,82
07-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.48	AUD	ORD	-107,107	-107,107
07-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.48	AUD	ORD	100,644	100,64
10-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,843	11,843
10-May-21	BlackRock Investment Management	on mkt sell	2.45	AUD	ORD	-40,018	-40,01
10-May-21	(Australia) Limited BlackRock Investment Management	on mkt sell	2.45	AUD	ORD	-30,602	-30,602
to may 21	(Australia) Limited		2.10	NOD	OND	00,002	00,001
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,060
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,996	3,996
11-May-21	BlackRock Japan Co., Ltd.	on mkt buy	2.46	AUD	ORD	568	56
11-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.45	AUD	ORD	7,560	7,56
11-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.45	AUD	ORD	2,914	2,91
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,309	17,30
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,220	18,22
12-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.43	AUD	ORD	3,766	3,76
	BlackRock Advisors (UK) Limited					,	,
12-May-21	· · · · · · · · · · · · · · · · · · ·	on mkt buy	2.43	AUD	ORD	4,536	4,53
12-May-21 14-May-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell on mkt sell	2.43 2.42	AUD AUD	ORD ORD	-30,826 -2,464	-30,820 -2,464
17-May-21	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-59,074	-59,074
17-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,365	13,365
17-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,583	11,583
17-May-21	BlackRock Advisors (UK) Limited	on mkt sell	2.39	AUD	ORD	-8,238	-8,23
17-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.39	AUD	ORD	1,058	1,05
18-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,680	8,68
18-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,680	8,68
18-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.38	AUD	ORD	7,082	7,082
18-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	3,494	3,494
19-May-21	BlackRock Fund Advisors	in specie		AUD	ORD	3,360	3,360
19-May-21	BlackRock Institutional Trust Company,	on mkt buy	2.34	AUD	ORD	31,457	31,457
	National Association						
20-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.37	AUD	ORD	16,478	16,478
20-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.37	AUD	ORD	24,879	24,87
20-May-21	BlackRock Advisors (UK) Limited	on mkt sell	2.37	AUD	ORD	-8,293	-8,293
20-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.37	AUD	ORD	1,512	1,51
20-May-21	BLACKROCK ADVISORS LLC	on mkt buy	2.37	AUD	ORD	62,041	62,04
24-May-21	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.37	AUD	ORD	-9,225	-9,22
25-May-21	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	3,024	3,024
26-May-21	BlackRock Investment Management (UK)	on mkt buy	2.40	AUD	ORD	213,211	213,21
26-May-21	Limited BlackRock Investment Management	on mkt sell	2.41	AUD	ORD	-107,137	-107,13
27-May-21	(Australia) Limited BlackRock Fund Advisors	on mkt sell	2.42	AUD	ORD	-214,507	-214,50
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.42	AUD	ORD	-11,408	-11,408
27 May 24	BlackRock Advisors (UK) Limited	on mkt huur	2.42	AUD	ORD	3,494	3,494
27-May-21 27-May-21	BlackRock Institutional Trust Company,	on mkt buy on mkt sell	2.42	AUD	ORD	-13,614	-13,614
	National Association						
27-May-21	BlackRock Fund Advisors	on mkt sell	2.42	AUD	ORD	-71,871	-71,87
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.42	AUD	ORD	17,609	17,609
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.42	AUD	ORD	-3,896	-3,896
27-May-21	BlackRock Fund Advisors	on mkt sell	2.42	AUD	ORD	-1,392	-1,392

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / ven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
28-May-21	BlackRock Asset Management Canada Limited	on mkt sell	2.48	AUD	ORD	-1,555	-1,55
01-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,345	-4,34
01-Jun-21	BlackRock Fund Advisors	on mkt buy	2.51	AUD	ORD	53,316	53,316
01-Jun-21	BlackRock Japan Co., Ltd.	on mkt sell	2.51	AUD	ORD	-2,031	-2,03
02-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.53	AUD	ORD	-94,781	-94,781
02-Jun-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-94,226	-94,226
02-Jun-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-85,635	-85,635
03-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,810	12,810
03-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.54	AUD	ORD	-50,611	-50,611
04-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.54	AUD	ORD	-116,314	-116,314
04-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.54	AUD	ORD	-47,080	-47,080
04-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	2.54	AUD	ORD	-6,986	-6,986
07-Jun-21	BlackRock Fund Advisors	in specie	2.34 n/a	AUD	ORD	70,700	70,700
07-Jun-21 08-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35,882	-35,882
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	-35,662	-35,662 3,493
	· · · · · · · · · · · · · · · · · · ·			AUD	ORD		-1,512
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	2.56			-1,512	,
09-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	2.50	AUD	ORD	156,630	156,630
10-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-90,252	-90,252
10-Jun-21 10-Jun-21	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt sell on mkt buy	2.53 2.59	AUD AUD	ORD ORD	-1,184 2,354	-1,184 2,354
10-Jun-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	1,018	1,018
	BlackRock Advisors (UK) Limited	on mkt sell	2.59	AUD	ORD	-3,493	-3,493
10-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	2.59	AUD	ORD	-3,495	-3,024
10-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.59	AUD	ORD	-42,555	-42,555
	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	8,264	8,264
14-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,016	8,016
15-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,261	10,26
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	2.57	AUD	ORD	-6,986	-6,986
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	32,700	32,700
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	41,205	41,20
15-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,930	9,930
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,096	-10,096
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,288	-30,288
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,345	-4,345
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	8,238	8,238
17-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,012	6,012
17-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,026	-10,026
17-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.57	AUD	ORD	-95,337	-95,337
18-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	2.56	AUD	ORD	-22,536	-22,536
18-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	2.56	AUD	ORD	-252,025	-252,025
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.56	AUD	ORD	-16,657	-16,657
18-Jun-21	BlackRock Fund Advisors	on mkt sell	2.56	AUD	ORD	-6,066	-6,066
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.56	AUD	ORD	-126,387	-126,387
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.56	AUD	ORD	-6,013	-6,013
18-Jun-21	BLACKROCK ADVISORS LLC	on mkt sell	2.56	AUD	ORD	-46,927	-46,927
18-Jun-21	BlackRock Investment Management (UK)	on mkt sell	2.56	AUD	ORD	-7,512	-7,512
	Limited BlackRock Investment Management (UK)	on mkt sell	2.56	AUD	ORD	-84,008	-84,008
	Limited						
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.56	AUD	ORD	-5,552	-5,552
18-Jun-21	BlackRock Fund Advisors	on mkt sell	2.56	AUD	ORD	-2,022	-2,022
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.56	AUD	ORD	-42,129	-42,129
	BlackRock Investment Management	on mkt sell	2.56	AUD	ORD	-2,002	-2,002
18-Jun-21	(Australia) Limited						
	5	on mkt sell	2.56	AUD AUD	ORD	-15,642	-15,642

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	ССҮ		number of affected	Person's votes affected
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	17,809	17,80
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	14,536	14,53
21-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,162	-10,16
21-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,012	6,01
21-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,008	4,00
21-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,018	9,01
21-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	17,465	17,46
21-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	10,479	10,47
23-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,078	-30,07
23-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,026	-10,02
24-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,012	-6,01
24-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,014	7,01
24-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35,560	-35,56
24-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.59	AUD	ORD	10,479	10,47
24-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	2.59	AUD	ORD	-55,888	-55,88
24-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.59	AUD	ORD	-13,043	-13,04
28-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.60	AUD	ORD	7,082	7,08
28-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.60	AUD	ORD	4,688	4,68
28-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	10,479	10,47
29-Jun-21	BlackRock Fund Advisors	on mkt buy	2.54	AUD	ORD	50,390	50,39
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.52	AUD	ORD	-36,245	-36,24
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.53	AUD	ORD	-118,924	-118,92
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.53	AUD	ORD	-168,245	-168,24
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.52	AUD	ORD	-14,007	-14,00
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.52	AUD	ORD	-2,855	-2,85
30-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,198	-15,19
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,014	7,01
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,855	-4,85
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,330	-25,33
01-Jul-21	BlackRock Japan Co., Ltd.	on mkt sell	2.52	AUD	ORD	-2,462	-2,46
01-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	3,493	3,49
01-Jul-21	BlackRock Asset Management Canada Limited	on mkt sell	2.52	AUD	ORD	-63,555	-63,55
01-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.52	AUD	ORD	-5,465	-5,46
01-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.52	AUD	ORD	11,720	11,72
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,760	17,76
02-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,909	-15,90
02-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.49	AUD	ORD	8,450	8,45
05-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	6,763	6,76
06-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,588	-30,58
06-Jul-21 07-Jul-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt sell	2.46 2.46	AUD AUD	ORD ORD	13,980 -6,456	13,98 -6,45
07-Jul-21	(Australia) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,868	23,86
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	1,512	1,51
09-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35,917	-35,91
09-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.39	AUD	ORD	16,920	16,92
09-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	2.39	AUD	ORD	-3,495	-3,49
09-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.39	AUD	ORD	16,380	16,38
14-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.46	AUD	ORD	3,495	3,49
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,700	16,70
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,344	5,34
15-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-55,578	-55,57
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.44	AUD	ORD	6,785	6,78
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	2.44	AUD	ORD	-110,376	-110,37
16-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,400	26,40
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,288	-15,28
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,480	-25,48

Date of Change	Person whose relevant interest changed		ure of change (6) / ition given in relation to change (7)	ССҮ	Class and securities	number of affected	Person's votes affected
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,576	-30,57
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.41	AUD	ORD	10,485	10,48
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	2.41	AUD	ORD	-43,848	-43,84
19-Jul-21	BlackRock Investment Management (UK)	on mkt buy	2.41	AUD	ORD	32,463	32,46
	Limited BlackRock Fund Advisors	in enerie		AUD	ORD	-30,564	20.50
20-Jul-21	BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-30,564 8,770	-30,56- 8,77
20-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	2.44	AUD	ORD	-51,408	-51,40
20-Jul-21	BlackRock Fund Advisors	in specie		AUD	ORD	33,326	33,32
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.43	AUD	ORD	13,570	13,57
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.43	AUD	ORD	-527,070	-527,07
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.43	AUD	ORD	3,495	3,49
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	2.43	AUD	ORD	-45,360	-45,36
21-Jul-21	BlackRock Investment Management	on mkt buy	2.43	AUD	ORD	9,859	9,85
	(Australia) Limited					,	
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.43	AUD	ORD	-72,854	-72,854
22-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-248,272	-248,272
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.44	AUD	ORD	-6,785	-6,78
22-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,050	-10,050
23-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.48	AUD	ORD	10,277	10,27
23-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-3,495	-3,49
26-Jul-21	BlackRock Fund Advisors	on mkt buy	2.45	AUD	ORD	55,507	55,50
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.45	AUD	ORD	17,100	17,10
26-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.45	AUD	ORD	7,325	7,32
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.42	AUD	ORD	6,990	6,99
27-Jul-21	BlackRock Fund Advisors	on mkt buy	2.42	AUD	ORD	54,790	54,79
28-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.44	AUD	ORD	24,192	24,19
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,720	6,72
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,941	28,94
29-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,345	-4,34
29-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.43	AUD	ORD	7,754	7,75
29-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,065	13,06
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	6,785	6,78
30-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	2.46	AUD	ORD	3,495	3,49
30-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.46	AUD	ORD	41,821	41,82
30-Jul-21	BlackRock Investment Management (UK) Limited	on mkt sell	2.46	AUD	ORD	-70,796	-70,79
02-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,540	17,54
03-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-40,080	-40,08
03-Aug-21	BlackRock Investment Management	on mkt sell	2.51	AUD	ORD	-37,440	-37,44
04 Ave 04	(Australia) Limited	in enerie			000	0 700	0.70
04-Aug-21	BlackRock Fund Advisors BlackRock Investment Management	in specie in specie	n/a n/a	AUD	ORD ORD	6,720	6,72
04-Aug-21	(Australia) Limited	•				-383,537	
05-Aug-21 09-Aug-21	BlackRock Fund Advisors BlackRock Institutional Trust Company,	on mkt buy on mkt buy	2.54 2.57	AUD AUD	ORD ORD	7,210 125,509	7,21
	National Association						
09-Aug-21	BlackRock Japan Co., Ltd.	on mkt sell	2.57	AUD	ORD	-1,143	-1,14
09-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD	ORD	3,793	3,79
09-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-16,513	-16,51
10-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	8,340	8,34
10-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	3,495	3,49
12-Aug-21	BlackRock Fund Advisors	on mkt buy	2.61	AUD	ORD	52,368	52,36
13-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,040	-20,04
13-Aug-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy in specie	2.62 n/a	AUD AUD	ORD ORD	6,978 171,246	6,97 171,24
13-Aug-21	(Australia) Limited		0.05	AUD	ORD	-7,041	-7,04
13-Aug-21 16-Aug-21	BlackRock Institutional Trust Company,	on mkt sell	2.65	//OD	OND	7,041	7,04
	BlackRock Institutional Trust Company, National Association BlackRock Investment Management	on mkt sell on mkt buy	2.65	AUD	ORD	7,020	
16-Aug-21	BlackRock Institutional Trust Company, National Association					· · ·	7,02

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / I given in relation to ange (7)	ССҮ	Class and securities		Person's votes affected
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,020	21,02
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,401	11,40
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,084	6,08
17-Aug-21	BlackRock Institutional Trust Company,	on mkt sell	2.63	AUD	ORD	-713	-71
17-Aug-21	National Association BlackRock Investment Management	on mkt sell	2.62	AUD	ORD	-16,380	-16,38
17-Aug-21	(Australia) Limited BlackRock Investment Management	on mkt buy	2.62	AUD	ORD	6,785	6,78
17-Aug-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.62	AUD	ORD	8,503	8,50
17-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	2.62	AUD	ORD	-6,978	-6,97
17-Aug-21	BlackRock Fund Advisors	in specie	2.02 n/a	AUD	ORD	21,020	21,02
•	BlackRock Investment Management	in specie		AUD	ORD		
18-Aug-21	(Australia) Limited	in specie	n/a	AUD	UND	322,806	322,80
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	77,265	77,26
18-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	2.67	AUD	ORD	-3,489	-3,48
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,584	10,58
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	52,920	52,92
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,460	26,46
19-Aug-21	BlackRock Japan Co., Ltd.	on mkt sell	2.65	AUD	ORD	-615	-6
19-Aug-21	BlackRock Investment Management	on mkt buy	2.67	AUD	ORD	12,870	12,87
24-Aug-21	(Australia) Limited BlackRock Fund Advisors	in encoio	nla	AUD	ORD	-4.855	-4,85
		in specie	n/a			,	
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	10,310	10,3
25-Aug-21	BlackRock Fund Advisors	in specie				20,620	20,6
25-Aug-21	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt buy	n/a 2.62	AUD	ORD ORD	11,022	11,0 15,2
25-Aug-21	(Australia) Limited	on mki buy	2.02	AUD	URD	15,210	15,2
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,310	10,3
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	128,875	128,8
26-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,770	8,7
26-Aug-21	BlackRock Japan Co., Ltd.	on mkt sell	2.62	AUD	ORD	-587	-5
26-Aug-21	BlackRock Investment Management	on mkt sell	2.60	AUD	ORD	-7,020	-7,0
	(Australia) Limited						
26-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	2.60	AUD	ORD	-27,912	-27,9
27-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,305	26,3
27-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.63	AUD	ORD	23,400	23,4
27-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	2.63	AUD	ORD	339,200	339,2
27-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	94,698	94,6
30-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.64	AUD	ORD	6,785	6,7
30-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	63,180	63,1
31-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,032	-16,0
31-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,696	2,6
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	6,785	6,7
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	6,785	6,7
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	3,510	3,5
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.68	AUD	ORD	38,440	38,4
31-Aug-21	BlackRock Asset Management Canada Limited	on mkt buy	2.68	AUD	ORD	40,177	40,1
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.68	AUD	ORD	76,558	76,5
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	2.67	AUD	ORD	3,489	3,48
02-Sep-21	BlackRock Investment Management	on mkt buy	2.66	AUD	ORD	225,964	225,9
02-Sep-21	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	2.66	AUD	ORD	97,134	97,1
02-Sep-21	National Association BlackRock Advisors (UK) Limited	on mkt buy	2.66	AUD	ORD	8,450	8,4
02-Sep-21	BlackRock Fund Advisors	in specie		AUD	ORD	10,462	10,4
02-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,992	4,9
03-Sep-21	BlackRock Investment Management	on mkt buy	2.72	AUD	ORD	113,536	113,5
00.0 51	(Australia) Limited		A ==	=		10	
03-Sep-21 03-Sep-21	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell on mkt buy	2.70 2.73	AUD AUD	ORD ORD	-13,956 14,753	-13,9 14,7
•	National Association	,					
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,462	10,4
03-Sep-21	Black took I and Advisors						-
03-Sep-21 03-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	52,310	52,3
•		in specie on mkt sell	n/a 2.70	AUD AUD	ORD ORD	52,310 -575	52,3 -5

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / n given in relation to nange (7)	ССҮ	Class and securities	number of affected	Person's votes affected
06-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.72	AUD	ORD	105,300	105,30
07-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.71	AUD	ORD	74,880	74,88
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.71	AUD	ORD	-6,978	-6,97
08-Sep-21	BlackRock Investment Management	on mkt buy	2.70	AUD	ORD	225,040	225,04
08-Sep-21	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.70	AUD	ORD	12,870	12,87
08-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-3,489	-3,48
09-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.69	AUD	ORD	104,130	104,13
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	142,705	142,70
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	16,380	16,38
10-Sep-21	BlackRock Investment Management	on mkt sell	2.68	AUD	ORD	-167,310	-167,31
10-Sep-21	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	2.68	AUD	ORD	-1,170	-1,17
10-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.68	AUD	ORD	-73,470	-73.47
14-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-3,490	-3,49
15-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.75	AUD	ORD	92,750	92,75
15-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.76	AUD	ORD	-10,470	-10,47
16-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	8,483	8,48
17-Sep-21	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	86,909	86,90
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.85	AUD	ORD	-30,731	-30,73
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.85	AUD	ORD	432	43
17-Sep-21	BlackRock Fund Advisors	on mkt sell	2.85	AUD	ORD	-10,516	-10,51
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	2,969	2,96
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.85	AUD	ORD	13,334	13,33
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	93,656	93,65
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.85	AUD	ORD	4,585	4,58
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	32,207	32,20
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.85	AUD	ORD	16,916	16,91
17-Sep-21	BlackRock Investment Management (UK) Limited		2.85	AUD	ORD	-33,777	-33,77
17-Sep-21 17-Sep-21	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	2.85 2.85	AUD AUD	ORD ORD	-159,229 -161,201	-159,22 -161,20
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	118,763	118,76
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.85	AUD	ORD	-32,947	-32,94
17-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.85	AUD	ORD	-9,256	-9,25
20-Sep-21	BlackRock Investment Management, LLC	on mkt sell	2.84	AUD	ORD	-4,567	-4,56
20-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.83	AUD	ORD	-4,066	-4,06
20-Sep-21 20-Sep-21	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD AUD	ORD ORD	7,414 -119,921	7,41 -119,92
21-Sep-21	National Association BlackRock Advisors (UK) Limited	on mkt sell	2.80	AUD	ORD	-4,066	-4,06
21-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.80	AUD	ORD	-4,000	-4,00
21-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.80	AUD	ORD	-27,138	-27,13
22-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,932	20,93
23-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,466	10,46
23-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.85	AUD	ORD	-4,066	-4,06
23-Sep-21 24-Sep-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell on mkt buy	2.85 2.77	AUD AUD	ORD ORD	-12,198 6,342	-12,19 6,34
21 San 01	(Australia) Limited	on mkt hund	0.77			7 705	7 7/
24-Sep-21 24-Sep-21	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	2.77	AUD AUD	ORD ORD	7,705	7,70
24-Sep-21 24-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	2.77	AUD	ORD	-12,198	-12,19
24-Sep-21	BlackRock Fund Advisors	on mkt sell	2.77	AUD	ORD	-1,876	-1,87
24-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.77	AUD	ORD	-5,189	-5,18
27-Sep-21	BlackRock Investment Management, LLC	on mkt sell	2.77	AUD	ORD	-5,359	-5,35

National Associati 28-Sep-21 BlackRock Advise 28-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Invester (Australia) Limited 30-Sep-21 30-Sep-21 BlackRock Invester (Australia) Limited 30-Sep-21 30-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Invester (Australia) Limited National Associati 01-Oct-21 BlackRock Invester (Australia) Limited Ot-Oct-21 04-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Invester (Australia) Limited Or-Oct-21 07-Oct-21 BlackRock Invester (Australia) Limited Or-Oct-21 07-Oct-21 BlackRock Invester (Australia) Limited Or-Oct-21 08-Oct-21 BlackRock Invester (Australia) Limited Or-Oct-21 08-Oct-21 BlackRock Invester <	ose relevant interest changed	Consideration gi	change (6) / ven in relation to ge (7)	ССҮ		number of affected	Person's votes affected
28-Sep-21 BlackRock Institut National Associati 28-Sep-21 BlackRock Advise 29-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Investu (Australia) Limited 30-Sep-21 BlackRock Investu (Australia) Limited 30-Sep-21 BlackRock Investu (Australia) Limited 30-Sep-21 BlackRock Investu (Australia) Limited 01-Oct-21 BlackRock Investu (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investu (Australia) Limited 08-Oct-21 BlackRock Investu (Australia) Limited 08-Oct-21 BlackRock Investu (Australia) Limited	Advisors	on mkt buy	2.77	AUD	ORD	88,418	88,418
28-Sep-21 BlackRock Advise 29-Sep-21 BlackRock Fund A 30-Sep-21 BlackRock Investi (Australia) Limited 30-Sep-21 BlackRock Investi (Australia) Limited 30-Sep-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Investi (Australia) Limited 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited	utional Trust Company, tion	on mkt sell	2.75	AUD	ORD	-17,322	-17,322
29-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Investi (Australia) Limited 30-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Investi (Australia) Limited O7-Oct-21 07-Oct-21 BlackRock Investi (Australia) Limited O7-Oct-21 08-Oct-21 BlackRock Investi (Australia) Limited O8-Oct-21 08-Oct-21 BlackRock Investi (Australia) Limited O8-Oct-21 08-Oct-21 BlackRock Investi (Australia) Limited O8-Oct-21 08-Oct	ors (UK) Limited	on mkt sell	2.75	AUD	ORD	-4,066	-4,066
30-Sep-21 BlackRock Fund A 30-Sep-21 BlackRock Investi (Australia) Limited 30-Sep-21 BlackRock Investi (Australia) Limited 30-Sep-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited	. ,	on mkt sell	2.75	AUD	ORD	-16,264	-16,264
30-Sep-21 BlackRock Investi (Australia) Limited 30-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Investi (Australia) Limited 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 <t< td=""><td></td><td>on mkt sell</td><td>2.70</td><td>AUD</td><td>ORD</td><td>-89,147</td><td>-89,147</td></t<>		on mkt sell	2.70	AUD	ORD	-89,147	-89,147
(Australia) Limited 30-Sep-21 BlackRock Advise 30-Sep-21 BlackRock Institut National Associati 01-Oct-21 BlackRock Investit (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investit (Australia) Limited 08-Oct-21 BlackRock Investit (Australia) Limited 08-Oct-21 BlackRock Investit (Australia) Limited 08-Oct-21 BlackRock Investit (Australia) Limited 08-Oct-21 BlackRock Investit (Australia) Limited <		in specie	n/a	AUD	ORD	15,804	15,804
30-Sep-21 BlackRock Institut National Associati 01-Oct-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Investi (Australia) Limited 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited	ed	on mkt sell	2.70	AUD	ORD	-71,466	-71,466
National Associati 01-Oct-21 BlackRock Investi (Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Investi (Australia) Limited 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited <td></td> <td>on mkt sell</td> <td>2.70</td> <td>AUD</td> <td>ORD</td> <td>-68,575</td> <td>-68,575</td>		on mkt sell	2.70	AUD	ORD	-68,575	-68,575
(Australia) Limited 01-Oct-21 BlackRock Advise 01-Oct-21 BlackRock Investe (Australia) Limited 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Invester (Australia) Limited 08-Oct-21 BlackRock Advised 08-Oct-21 BlackRock Invester (Australia) Limited 08-Oct-21 BlackRock Invester (Australia) Limited 08-Oct-21 BlackRock Invester (Australia) Limited 08-Oct-21 BlackRock Invester (Australia) Limited 08-Oct-21 BlackRock Invester (Australia) Limited 11-Oct-21 BlackRock Invester (Australia) Limited 11-Oct-21 BlackRock Invester (Australia) Limited 11-Oct-21 BlackRock Invester (Australia) Limited 11-Oct-21 BlackRock Invester (Australia) Limited 12-Oct-21 BlackRock Invester (Australia) Limited 13-Oct-21 BlackRock Invester (Australia) Limited 14-Oct-21 BlackRock Invester (Australia) Limited 18-Oct-21 BlackRock Invester (Australia) Limited 18-Oct-21 BlackRock Invester (A		on mkt sell	2.70	AUD	ORD	-50,794	-50,794
01-Oct-21 BlackRock Advised 01-Oct-21 BlackRock Investige 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investige (Australia) Limited O7-Oct-21 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investige (Australia) Limited O8-Oct-21 08-Oct-21 BlackRock Investige (Australia) Limited O8-Oct-21 <td< td=""><td>ed</td><td>on mkt buy</td><td>2.67</td><td>AUD</td><td>ORD</td><td>11,700</td><td>11,700</td></td<>	ed	on mkt buy	2.67	AUD	ORD	11,700	11,700
01-Oct-21 BlackRock Investi (Australia) Limited 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21		on mkt buy	2.67	AUD	ORD	7,726	7,726
(Australia) Limited 04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia		on mkt sell	2.67	AUD	ORD	-4,066	-4,066
04-Oct-21 BlackRock Fund A 04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited	ed	on mkt sell	2.67	AUD	ORD	-68,936	-68,936
04-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 </td <td></td> <td>on mkt sell</td> <td>2.71</td> <td>AUD</td> <td>ORD</td> <td>-6,399</td> <td>-6,399</td>		on mkt sell	2.71	AUD	ORD	-6,399	-6,399
05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Adviso 13-Oct-21 BlackRock Adviso 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock I		in specie	n/a	AUD	ORD	14,240	14,240
05-Oct-21 BlackRock Fund A 05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Adviso 13-Oct-21 BlackRock Adviso 13-Oct-21 BlackRock Investi (Australia) Limited		in specie	n/a	AUD	ORD	24,920	24,920
05-Oct-21 BlackRock Fund A 06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 B		in specie	n/a	AUD	ORD	10,680	10,680
06-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Adviso 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Aus		in specie	n/a	AUD	ORD	19,580	19,580
(Australia) Limited 07-Oct-21 BlackRock Investi (Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Adviso 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Investi (Austr		in specie	n/a	AUD	ORD	13,350	13,350
(Australia) Limited 07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 11-Oct-21 BlackRock Invest (Australia) Limited 11-Oct-21 BlackRock Invest (Australia) Limited 11-Oct-21 BlackRock Invest (Australia) Limited 12-Oct-21 BlackRock Invest (Australia) Limited 12-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Advised 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 14-Oct-21 BlackRock Invest (Australia) Lim		on mkt buy	2.69	AUD	ORD	9,360	9,360
07-Oct-21 BlackRock Fund A 07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 Bla	tment Management d	in specie	n/a	AUD	ORD	-99,733	-99,733
07-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-	Advisors	in specie	n/a	AUD	ORD	21,459	21,459
08-Oct-21 BlackRock Fund A 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-	Advisors	in specie	n/a	AUD	ORD	6,102	6,102
08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advisc <tr< td=""><td>Advisors</td><td>in specie</td><td>n/a</td><td>AUD</td><td>ORD</td><td>12,204</td><td>12,204</td></tr<>	Advisors	in specie	n/a	AUD	ORD	12,204	12,204
(Australia) Limited 08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 08-Oct-21 BlackRock Invest (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Invest (Australia) Limited 12-Oct-21 BlackRock Invest (Australia) Limited 12-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Invest (Australia) Limited 13-Oct-21 BlackRock Invest (Australia) Limited 14-Oct-21 BlackRock Invest (Australia) Limited 15-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Invest (Australia) Limited 18-Oct-21 BlackRock Invest (Australia) Limited 18-Oct-21 BlackRock Invest (Australia) Limited 18-Oct-21 BlackRock Invest (Australia) Limited 18-Oct-21 BlackRock Invest	Advisors	on mkt buy	2.70	AUD	ORD	25,604	25,604
08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Advisc 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advisc 18-Oct-21 BlackRock Advisc 18-Oct-21 Bl	tment Management d	on mkt buy	2.70	AUD	ORD	10,530	10,530
08-Oct-21 BlackRock Advise 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21		on mkt buy	2.70	AUD	ORD	7,828	7,828
08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Advisc 13-Oct-21 BlackRock Advisc 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advisc 18-Oct-21 BlackRock Advisc 18-Oct-21 Bl		on mkt sell	2.70	AUD	ORD	-8,136	-8,130
08-Oct-21 BlackRock Investr (Australia) Limited 08-Oct-21 BlackRock Investr (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Investr (Australia) Limited 11-Oct-21 BlackRock Investr (Australia) Limited 12-Oct-21 BlackRock Investr (Australia) Limited 12-Oct-21 BlackRock Investr (Australia) Limited 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Investr (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investr (Australia) Limited 13-Oct-21 BlackRock Investr (Australia) Limited 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Advise	tment Management	on mkt buy	2.70	AUD	ORD	21,387	21,387
08-Oct-21 BlackRock Investi (Australia) Limited 11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Advise 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Fund A 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackR	tment Management	on mkt buy	2.70	AUD	ORD	60,366	60,366
11-Oct-21 BlackRock Fund A 11-Oct-21 BlackRock Advise 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Fund A 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock A	tment Management	on mkt buy	2.70	AUD	ORD	12,917	12,917
11-Oct-21 BlackRock Advise 11-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Investi (Australia) Limited 12-Oct-21 BlackRock Fund A 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Institut (Australia) Limited 14-Oct-21 BlackRock Investitut (Australia) Limited 15-Oct-21 BlackRock Investitut (Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investit 18-Oct-21 BlackRock Ad		in specie	n/a	AUD	ORD	26,537	26,537
11-Oct-21 BlackRock Investr (Australia) Limited (Australia) Limited (Australia) Limited (Australia) Limited 12-Oct-21 12-Oct-21 BlackRock Fund A 13-Oct-21 13-Oct-21 BlackRock Investr (Australia) Limited (Australia) Limited 13-Oct-21 13-Oct-21 BlackRock Advise (Australia) Limited (Australia) Limited 13-Oct-21 13-Oct-21 BlackRock Advise BlackRock Investr (Australia) Limited National Associati 14-Oct-21 BlackRock Investr (Australia) Limited National Associati 14-Oct-21 BlackRock Investr (Australia) Limited (Australia) Limit		on mkt buy	2.70	AUD	ORD	110,886	110,886
12-Oct-21 BlackRock Investi (Australia) Limited (Australia) Limited 12-Oct-21 BlackRock Fund A 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Investi (Australia) Limited 13-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 14-Oct-21 BlackRock Investi (Australia) Limited 15-Oct-21 BlackRock Investi (Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investi 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investi 18-Oct-21 BlackRock Investi 18-Oct-21 BlackRock Investi 18-Oct-21 BlackRock Investi	tment Management	on mkt buy	2.70	AUD	ORD	3,746	3,746
12-Oct-21 BlackRock Fund A 13-Oct-21 BlackRock Japan 13-Oct-21 BlackRock Investr (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investr 18-Oct-21 BlackRock Investr <	tment Management	on mkt buy	2.69	AUD	ORD	22,135	22,135
13-Oct-21 BlackRock Investri (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investri (Australia) Limited 14-Oct-21 BlackRock Investri (Australia) Limited 14-Oct-21 BlackRock Investri (Australia) Limited 14-Oct-21 BlackRock Investri (Australia) Limited 15-Oct-21 BlackRock Investri (Australia) Limited 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investri	Advisors	on mkt buy	2.69	AUD	ORD	6,816	6,816
13-Oct-21 BlackRock Investr (Australia) Limited 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investr 18-Oct-21 Blac		on mkt buy	2.70	AUD	ORD	793	793
13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Institut National Associati National Associati 14-Oct-21 BlackRock Investre (Australia) Limited National Associati 14-Oct-21 BlackRock Investre 14-Oct-21 BlackRock Institut National Associati National Associati 14-Oct-21 BlackRock Investre 14-Oct-21 BlackRock Investre (Australia) Limited (Australia) Limited 15-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investre 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investre	tment Management	on mkt buy	2.72	AUD	ORD	9,320	9,320
13-Oct-21 BlackRock Advise 13-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Investr (Australia) Limited 14-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investr BlackRock Advise 18-Oct-21 BlackRock Investr		on mkt sell	2.72	AUD	ORD	-4,068	-4,068
National Associati 14-Oct-21 BlackRock Investri (Australia) Limited 14-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investri (Australia) Limited 14-Oct-21 BlackRock Investri (Australia) Limited 15-Oct-21 BlackRock Investri (Australia) Limited 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investri	ors (UK) Limited	on mkt sell on mkt sell	2.72 2.72	AUD AUD	ORD ORD	-4,068 -151,966	-4,068 -151,966
(Australia) Limited 14-Oct-21 BlackRock Institut National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Advised 18-Oct-21 BlackRock Investr 18-Oct-21 BlackRock Investr 18-Oct-21 BlackRock Investr	tion	on mkt sell	2.72	AUD	ORD	-62,635	-62,635
National Associati 14-Oct-21 BlackRock Investr (Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investr	ed						
(Australia) Limited 15-Oct-21 BlackRock Investr (Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investr	tion	on mkt sell	2.74	AUD	ORD	-177,221	-177,22
(Australia) Limited 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Advise 18-Oct-21 BlackRock Investi	ed	on mkt buy	2.74	AUD	ORD	8,561	8,56
18-Oct-21 BlackRock Adviso 18-Oct-21 BlackRock Adviso 18-Oct-21 BlackRock Investi 18-Oct-21 BlackRock Investi		on mkt buy	2.75	AUD	ORD	20,342	20,342
18-Oct-21BlackRock Adviso18-Oct-21BlackRock Investi	· · ·	on mkt buy	2.72	AUD	ORD	7,747	7,74
18-Oct-21 BlackRock Invest	· · ·	on mkt sell	2.72	AUD	ORD	-4,068	-4,068
	· /	on mkt buy	2.72	AUD	ORD	1,512	1,512
y as daily Enhited	tment Management d	on mkt buy	2.72	AUD	ORD	21,063	21,063
18-Oct-21 BlackRock Institut National Associati	utional Trust Company, tion	on mkt sell	2.72	AUD	ORD	-175,201	-175,20
19-Oct-21 BlackRock Fund A		on mkt buy	2.78	AUD	ORD	40,812	40,812
19-Oct-21 BlackRock Fund A	Advisors	in specie	n/a	AUD	ORD	24,165	24,16
20-Oct-21 BlackRock Fund A 20-Oct-21 BlackRock Adviso		in specie	n/a	AUD	ORD	3,848	3,848

Date of Change	Person whose relevant interest changed		re of change (6) / tion given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,772	5,77
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,845	9,84
21-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.80	AUD	ORD	175,659	175,65
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	41,872	41,87
22-Oct-21	BlackRock Japan Co., Ltd.	on mkt sell	2.81	AUD	ORD	-1,026	-1,02
22-Oct-21	BlackRock Investment Management	on mkt buy	2.84	AUD	ORD	222,962	222,96
	(Australia) Limited						
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	6,342	6,34
26-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,740	10,74
27-Oct-21	BlackRock Fund Advisors	on mkt buy	2.87	AUD	ORD	11,791	11,79
27-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	224,458	224,45
27-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,800	6,80
27-Oct-21	BlackRock Investment Management	on mkt buy	2.85	AUD	ORD	2,326	2,32
27-001-21	(Australia) Limited	on mice buy	2.00	AUD	OND	2,020	2,02
28-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,835	4,83
28-Oct-21	BlackRock Fund Advisors	on mkt buy	2.86	AUD	ORD	2,384	2,38
29-Oct-21	BlackRock Investment Management	on mkt buy	2.78	AUD	ORD	15,119	15,11
	(Australia) Limited	-		AUD		,	
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.78		ORD	4,652	4,65
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.78	AUD	ORD	-66,237	-66,23
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.78	AUD	ORD	362,623	362,62
29-Oct-21	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.78	AUD	ORD	6,813	6,81
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.78	AUD	ORD	19,404	19,40
01-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	225,029	225,02
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,400	3,40
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,850	26,85
03-Nov-21	BlackRock Investment Management	in specie	n/a	AUD	ORD	557,492	557,49
03-Nov-21	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	24,423	24,42
04-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.87	AUD	ORD	15,468	15,46
05-Nov-21	BlackRock Fund Advisors	in specie		AUD	ORD	6,800	6,80
05-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,74
05-Nov-21	BlackRock Investment Management	on mkt buy	2.89	AUD	ORD	23,260	23,26
	(Australia) Limited						
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	13,956	13,95
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	2,326	2,32
05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.89	AUD	ORD	15,456	15,45
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,705	15,70
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.93	AUD	ORD	3,024	3,02
08-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.93	AUD	ORD	115,781	115,78
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,862	3,86
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	47,115	47,11
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,472	5,47
10-Nov-21	BlackRock Japan Co., Ltd.	on mkt sell	2.89	AUD	ORD	-962	-96
10-Nov-21	BlackRock Institutional Trust Company,	on mkt buy	2.89	AUD	ORD	7,771	7,77
10 Nov 21	National Association BlackRock Fund Advisors	in spacia	n/a	AUD	ORD	25 142	25,14
10-Nov-21		in specie	n/a			25,142	
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,472	10,47
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,900	17,90
10-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-48,771	-48,77
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.78	AUD	ORD	7,791	7,79
12-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	7,688	7,68
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,660	3,66
15-Nov-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	14,775	14,77
16-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.81	AUD	ORD	7,831	7,83
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,868	-3,86
	BlackRock Advisors (UK) Limited	on mkt buy	2.82	AUD	ORD	23,064	23,06
17-Nov-21							
	BlackRock Advisors (UK) Limited	on mkt buy	2.82	AUD	ORD	1,512	1,51
17-Nov-21	· · · ·	on mkt buy on mkt buy	2.82 2.82	AUD AUD	ORD ORD	1,512 3,024	
17-Nov-21 17-Nov-21	BlackRock Advisors (UK) Limited						1,512 3,024 6,819

Date of Change	Person whose relevant interest changed	Consideratio	e of change (6) / on given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,199	8,19
19-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.84	AUD	ORD	11,630	11,63
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	2.84	AUD	ORD	4,536	4,53
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	29,535	29,53
19-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,450	-5,45
22-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,740	10,74
22-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.86	AUD	ORD	-30,148	-30,14
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	1,163	1,16
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	17,445	17,44
23-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.89	AUD	ORD	-65,411	-65,41
23-Nov-21	BlackRock Fund Advisors	on mkt sell	2.89	AUD	ORD	-7,133	-7,13
24-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-74,011	-74,01
24-Nov-21	BlackRock Investment Management	on mkt buy	2.90	AUD	ORD	11,630	11,63
24-Nov-21	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	2.90	AUD	ORD	83,838	83,83
25-Nov-21	National Association BlackRock Investment Management	in specie	n/a	AUD	ORD	-45,757	-45,75
26-Nov-21	(Australia) Limited BlackRock Investment Management	on mkt buy	2.86	AUD	ORD	4,652	4,65
	(Australia) Limited	-					
26-Nov-21 29-Nov-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt buy	2.86 2.80	AUD AUD	ORD ORD	1,512 13,956	1,51 13,95
29-Nov-21	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	14,866	14,86
30-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,538	13,53
30-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,718	-7,71
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.78	AUD	ORD	5,815	5,81
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.78	AUD	ORD	-3,560	-3,56
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.78	AUD	ORD	-70,320	-70,32
30-Nov-21	BlackRock Fund Advisors	on mkt sell	2.78	AUD	ORD	-21,515	-21,51
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.78	AUD	ORD	-5,160	-5,16
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.78	AUD	ORD	-10,686	-10,68
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.78	AUD	ORD	-210,945	-210,94
30-Nov-21	BlackRock Fund Advisors	on mkt sell	2.78	AUD	ORD	-64,549	-64,54
30-Nov-21	BlackRock Fund Advisors	on mkt buy	2.78	AUD	ORD	48,544	48,54
30-Nov-21	BlackRock Investment Management	on mkt buy	2.78	AUD	ORD	1,708	1,70
30-Nov-21	(Australia) Limited BlackRock Investment Management	on mkt sell	2.78	AUD	ORD	-15,488	-15,48
30-Nov-21	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	2.78	AUD	ORD	23,596	23,59
	National Association						
02-Dec-21 02-Dec-21	BlackRock Fund Advisors BlackRock Investment Management	in specie	n/a 2.76	AUD	ORD ORD	15,048 -34,890	15,04 -34,89
02-Dec-21	(Australia) Limited	on mkt sell	2.70	AUD	URD	-34,890	-34,89
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.76	AUD	ORD	-7,696	-7,69
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.76	AUD	ORD	4,069	4,06
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.76	AUD	ORD	4,069	4,06
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.76	AUD	ORD	1,512	1,51
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.76	AUD	ORD	-10,765	-10,76
02-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-592	-59
03-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	2.76	AUD	ORD	-56,660	-56,66
03-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,868	-3,86
03-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-15,686	-15,68
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,900	-3,90
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	6,511	-3,90 6,51
06-Dec-21	BlackRock Investment Management	on mkt buy	2.79	AUD	ORD	93,040	93,04

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / ven in relation to ge (7)	CCY	Class and securities		Person's votes affected
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.79	AUD	ORD	4,069	4,06
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.79	AUD	ORD	-4,069	-4,06
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,859	3,85
07-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.85	AUD	ORD	98,855	98,85
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.85	AUD	ORD	-15,406	-15,40
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.85	AUD	ORD	-15,406	-15,40
					ORD		
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD		1,132	1,13
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	3,024	3,02
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.85	AUD	ORD	-15,346	-15,34
09-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,586	2,58
09-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.86	AUD	ORD	4,069	4,06
09-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.86	AUD	ORD	11,784	11,78
10-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.86	AUD	ORD	15,386	15,38
10-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.86	AUD	ORD	8,138	8,13
10-Dec-21	BlackRock Institutional Trust Company,	on mkt sell	2.86	AUD	ORD	-65,256	-65,25
	National Association						
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	15,679	15,679
13-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	2.97	AUD	ORD	-32,564	-32,564
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.97	AUD	ORD	7,694	7,69
13-Dec-21	BlackRock Fund Advisors	on mkt sell	2.97	AUD	ORD	-107,121	-107,12
13-Dec-21	BlackRock Fund Advisors	on mkt sell	2.97	AUD	ORD	-2,246	-2,24
14-Dec-21	BlackRock Investment Management	in specie		AUD	ORD	-146,414	-146,41
	(Australia) Limited	•	n/a				
14-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-156,730	-156,73
14-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.92	AUD	ORD	-32,170	-32,17
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	6,687	6,68
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.94	AUD	ORD	-69,246	-69,24
15-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	2.93	AUD	ORD	-58,810	-58,81
16-Dec-21			2.99	AUD	ORD	,	,
	BlackRock Advisors (UK) Limited	on mkt sell				-7,676	-7,67
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.99	AUD	ORD	-4,069	-4,06
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.98	AUD	ORD	-8,138	-8,13
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	AUD	ORD	29,270	29,27
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	AUD	ORD	50,000	50,00
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	AUD	ORD	299,172	299,17
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	AUD	ORD	42,274	42,274
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	AUD	ORD	113,751	113,75
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	AUD	ORD	-86,845	-86,84
17-Dec-21	BlackRock Investment Management	on mkt buy	2.98	AUD	ORD	1,947	1,94
47.0 01	(Australia) Limited		0.00	AU 15	000	0.011	~ ^ ·
17-Dec-21	BlackRock Fund Advisors	on mkt buy	2.98	AUD	ORD	6,311	6,31
17-Dec-21 17-Dec-21	BlackRock Fund Advisors BlackRock Investment Management	on mkt buy on mkt buy	2.98 2.98	AUD AUD	ORD ORD	2,128 58,778	2,128 58,778
	(Australia) Limited						
17-Dec-21 17-Dec-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt buy	2.98 2.98	AUD AUD	ORD ORD	68,998 11,284	68,998 11,284
17-Dec-21	(Australia) Limited BlackRock Investment Management	on mkt buy	2.98	AUD	ORD	19,010	19,010
17-Dec-21	(Australia) Limited BlackRock Investment Management	on mkt buy	2.98	AUD	ORD	22,195	22,19
20-Dec-21	(Australia) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,364	-4,364
20-Dec-21	BlackRock Fund Advisors			AUD	ORD	-4,364	-4,36
		in specie					
20-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,154	11,154
20-Dec-21 20-Dec-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy on mkt buy	2.97 2.97	AUD AUD	ORD ORD	12,207 32,454	12,20 32,45
01 D == 01	(Australia) Limited	in and -!-	/ -		000	4 005	4.00
21-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,605	4,60
22-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	2.96	AUD	ORD	-7,904	-7,90
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,925	-3,92
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,054	10,054
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,000	17,000

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	CCY	Class and securities		Person's votes affected
23-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	2.98	AUD	ORD	3,024	3,024
28-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,447	6,447
28-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,447	6,447
29-Dec-21	BlackRock Japan Co., Ltd.	on mkt buy	3.05	AUD	ORD	975	975
29-Dec-21	BlackRock Fund Advisors	on mkt buy	3.02	AUD	ORD	37,204	37,204
29-Dec-21	BlackRock Japan Co., Ltd.	on mkt sell	3.00	AUD	ORD	-975	-975
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,748	3,748
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,622	5,622
29-Dec-21	BlackRock Investment Management	on mkt buy	3.05	AUD	ORD	3,573	3,573
29-Dec-21	(Australia) Limited	OIT IIIKL DUY	3.05	AOD	UND	5,575	3,57
30-Dec-21		in anasis				0.754	0.754
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,751	3,751
30-Dec-21	BlackRock Fund Advisors	on mkt buy	3.02	AUD	ORD	49,934	49,934
30-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	3.02	AUD	ORD	63,869	63,869
30-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	3.02	AUD	ORD	17,449	17,449
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	3.02	AUD	ORD	4,069	4,069
31-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	2.97	AUD	ORD	-168,048	-168,048
31-Dec-21	BlackRock Asset Management Canada Limited	on mkt sell	2.97	AUD	ORD	-58,826	-58,826
03-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,664	7,664
04-Jan-22	BlackRock Investment Management	on mkt buy	3.04	AUD	ORD	16,674	16,674
	(Australia) Limited	Strinkt buy	0.04	1300		10,074	10,074
04 Jan 22	· · · ·	on mit huw	2.04			112 205	112 200
04-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	3.04	AUD	ORD ORD	113,285	113,28
04-Jan-22	BlackRock Investment Management (UK) Limited	-	3.04	AUD		29,049	29,049
04-Jan-22	BLACKROCK ADVISORS LLC	on mkt sell	3.04	AUD	ORD	-65,461	-65,46
05-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,037	8,037
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	3.02	AUD	ORD	3,024	3,024
05-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	3.02	AUD	ORD	67,091	67,09
05-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	3.02	AUD	ORD	10,669	10,669
05-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	AUD	ORD	-5,177	-5,177
06-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,475	-27,475
06-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,664	7,664
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.92	AUD	ORD	-262,020	-262,020
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.92	AUD	ORD	-25,011	-25,011
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.92	AUD	ORD	4,067	4,067
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.92	AUD	ORD	1,512	1,512
07-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,790	4,790
07-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,840	3,840
07-Jan-22	BlackRock Investment Management	on mkt sell	2.96	AUD	ORD	-33,877	-33,877
01 0011 22	(Australia) Limited		2.00		0.12	00,011	00,011
11-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,622	8,622
11-Jan-22	BlackRock Institutional Trust Company,	on mkt buy	2.88	AUD	ORD	171,940	171,940
11-Jan-22	National Association BlackRock Asset Management Canada	on mkt buy	2.88	AUD	ORD	35,832	35,832
11-Jan-22	Limited BlackRock Institutional Trust Company,	on mkt buy	2.88	AUD	ORD	86,019	86,019
12-Jan-22	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,790	4,790
12-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.87	AUD	ORD	4,067	4,067
13-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,706	6,706
13-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,454	12,454
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.87	AUD	ORD	4,463	4,463
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.87	AUD	ORD	3,024	3,024
14-Jan-22	BlackRock Fund Advisors	on mkt buy	2.86	AUD	ORD	11,985	11,98
14-Jan-22	BlackRock Fund Advisors	in specie	2.00	AUD	ORD	-7,850	-7,85
			2.87	AUD	ORD	-7,850	
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy					1,51
18-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,150	27,15
19-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,815	4,81
19-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	4,067	4,06
20-Jan-22	BlackRock Fund Advisors	on mkt buy	2.83	AUD	ORD	24,235	24,23
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.78	AUD	ORD	7,917	7,91
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.78	AUD	ORD	4,067	4,06
24-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.82	AUD	ORD	-7,134	-7,134
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	77,757	77,75
	BlackRock Asset Management Canada	,	-			,	-36,400

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / iven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.75	AUD	ORD	-98,240	-98,24
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,910	26,91
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.71	AUD	ORD	7,918	7,91
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.71	AUD	ORD	7,918	7,91
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.71	AUD	ORD	8,134	8,13
	· · · · · · · · · · · · · · · · · · ·			AUD			
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.71		ORD	3,024	3,02
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,915	12,91
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	15,890	15,89
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	54,000	54,00
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	15,890	15,89
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	15,890	15,89
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	47,250	47,25
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	20,250	20,25
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	4,540	4,54
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.79	AUD	ORD	-86,154	-86,15
28-Jan-22	BlackRock Investment Management (UK)	on mkt sell	2.79	AUD	ORD	-37,576	-37,57
28-Jan-22	BlackRock Investment Management	on mkt sell	2.79	AUD	ORD	-76,168	-76,16
28-Jan-22	(Australia) Limited BlackRock Investment Management (UK)	on mkt sell	2.79	AUD	ORD	-28,654	-28,65
28-Jan-22	Limited BlackRock Investment Management	on mkt sell	2.79	AUD	ORD	-2,755	-2,75
28-Jan-22	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	2.79	AUD	ORD	-7,654	-7,65
28-Jan-22	National Association BlackRock Investment Management	on mkt sell	2.79	AUD	ORD	-32,425	-32,42
28-Jan-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	2.79	AUD	ORD	-105,635	-105,63
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.79	AUD	ORD	-24,478	-24,47
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.79	AUD	ORD	-55,220	-55,22
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.79	AUD	ORD	-46,300	-46,30
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.79	AUD	ORD	8,134	8,13
28-Jan-22	BlackRock Investment Management	on mkt sell	2.79	AUD	ORD	-92,382	-92,38
20-5411-22	(Australia) Limited	UIT IIIKL SEI	2.15	AUD	OND	-92,502	-92,00
00 Jan 00	BlackRock Fund Advisors	in specie			000	26.040	26.0
28-Jan-22		I	n/a	AUD	ORD	36,040	36,0
31-Jan-22	BlackRock Investment Management	on mkt buy	2.81	AUD	ORD	28,375	28,3
	(Australia) Limited						
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.81	AUD	ORD	7,940	7,9
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	2.81	AUD	ORD	7,940	7,9
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.81	AUD	ORD	159,234	159,2
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.81	AUD	ORD	19,893	19,89
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.85	AUD	ORD	-9,080	-9,08
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.85	AUD	ORD	-10,595	-10,59
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	12,204	12,20
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	2.85	AUD	ORD	-4,068	-4,06
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	1,512	1,5
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.85	AUD	ORD	4,536	4,5
02-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,540	17,54
03-Feb-22	BlackRock Japan Co., Ltd.	on mkt buy	2.83	AUD	ORD	983	9
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.84	AUD	ORD	24,408	24,4
03-Feb-22 03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.84	AUD	ORD	1,512	24,4 1,5
03-Feb-22 04-Feb-22	BlackRock Investment Management (UK)	on mkt buy	2.84	AUD	ORD	326,770	326,7
04-Feb-22	Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.85	AUD	ORD	19,295	19,2
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt huv	0 OF	AUD	ORD	7 040	7,94
	DIACKNUCK AUVISUIS (UK) LIITIILEU	on mkt buy	2.85	AUD	URD	7,948	7,94

Date of Change	Person whose relevant interest changed	Nature of c Consideration gi chan	ССҮ	Class and number of securities affected		Person's votes affected	
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,300	17,30
07-Feb-22	BlackRock Japan Co., Ltd.	on mkt buy	2.80	AUD	ORD	645	64
08-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	74,910	74,910
08-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.89	AUD	ORD	-6,929	-6,929
08-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.89	AUD	ORD	7,693	7,693
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,967	16,967
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	AUD	ORD	14,755	14,755
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	2.90	AUD	ORD	-7,955	-7,955
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.90	AUD	ORD	1,512	1,512
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	AUD	ORD	8,984	8,984
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	AUD	ORD	2,041	2,047
10-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,649	-12,649
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	AUD	ORD	-24,970	-24,970
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	AUD	ORD	-27,240	-27,240
	BlackRock Advisors (UK) Limited	on mkt sell	2.90	AUD	ORD	-16,272	-16,272
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	AUD	ORD	10,017	10,017
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.86	AUD	ORD	1,512	1,512
11-Feb-22	BlackRock Japan Co., Ltd.	on mkt buy	2.86	AUD	ORD	665	665
14-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	3,405	3,405
14-Feb-22	BlackRock Fund Advisors	on mkt buy	2.86	AUD	ORD	47,655	47,65
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	2.86	AUD	ORD	-8,132	-8,132
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	13,620	13,620
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	6,955	6,955
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	3,405	3,405
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.89	AUD	ORD	3,024	3,024
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	2,713	2,713
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.89	AUD	ORD	-26,062	-26,062
17-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,811	-6,811
18-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	2.89	AUD	ORD	-8,116	-8,116
18-Feb-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,930	-6,930
21-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.93	AUD	ORD	-2,514	-2,514
21-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	40,284	40,284
22-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.89	AUD	ORD	160,799	160,799
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.89	AUD	ORD	76,272	76,272
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.89	AUD	ORD	-7,945	-7,945
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,865	4,865
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,649	12,649
	BlackRock Fund Advisors	on mkt buy	2.85	AUD	ORD	11,971	11,971
24-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,816	7,816
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.84	AUD	ORD	4,536	4,536
	BlackRock Japan Co., Ltd.	on mkt sell	2.84	AUD	ORD	-3,525	-3,525
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,460	17,460
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	2.86	AUD	ORD	1,512	1,512
28-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	AUD	ORD	3,405	3,405
	BlackRock Institutional Trust Company, National Association	on mkt buy	2.90	AUD	ORD	14,192	14,192
28-Feb-22	BlackRock Fund Advisors	on mkt buy	2.90	AUD	ORD	13,788	13,788
28-Feb-22 28-Feb-22	BlackRock Fund Advisors BlackRock Institutional Trust Company,	on mkt buy on mkt sell	2.90 2.90	AUD AUD	ORD ORD	11,985 -29,891	11,985 -29,891
28-Feb-22	National Association BlackRock Institutional Trust Company,	on mkt buy	2.90	AUD	ORD	2,039	2,039
28-Feb-22	National Association BlackRock Fund Advisors	on mkt buy	2.90	AUD	ORD	44,825	44,825

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ige (7)	ССҮ	Class and securities		Person's votes affected
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.90	AUD	ORD	6,630	6,63
28-Feb-22	BlackRock Fund Advisors	on mkt buy	2.90	AUD	ORD	120,692	120,69
28-Feb-22	BlackRock Fund Advisors	on mkt buy	2.90	AUD	ORD	104,915	104,91
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.90	AUD	ORD	17,853	17,85
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	30,645	30,64
01-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,392	-10,39
01-Mar-22	BlackRock Japan Co., Ltd.	on mkt sell	2.89	AUD	ORD	-10,062	-10,06
02-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,770	9,77
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	2,270	2,27
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	2.86	AUD	ORD	-44,726	-44,72
02-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	2.86	AUD	ORD	34,045	34,04
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	190,769	190,76
03-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,448	-23,44
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	2.87	AUD	ORD	-16,264	-16,26
03-Mar-22	BlackRock Fund Advisors	on mkt buy	2.87	AUD	ORD	5,475	5,47
03-Mar-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.87	AUD	ORD	4,929	4,92
04-Mar-22 04-Mar-22	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy	2.86 2.87	AUD AUD	ORD ORD	110,408 36,320	110,40 36,32
04-Mar-22 07-Mar-22	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt buy on mkt sell	2.87 2.81	AUD AUD	ORD ORD	8,005 -6,955	8,00 -6,9
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	2.81	AUD	ORD	32,008	32,00
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	2.81	AUD	ORD	-16,004	-16,0
07-Mar-22 08-Mar-22	BlackRock Investment Management	on mkt buy	2.83	AUD	ORD	18,160	-10,0 18,1
	(Australia) Limited						
08-Mar-22 10-Mar-22	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt sell on mkt sell	2.83 2.89	AUD AUD	ORD ORD	-8,004 -77,180	-8,0 -77,1
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	3,405	3,4
10-Mar-22 11-Mar-22	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt sell in specie	2.89 n/a	AUD AUD	ORD ORD	-4,335 254,744	-4,3 254,7
11-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.85	AUD	ORD	-38,886	-38,8
14-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	AUD	ORD	-63,560	-63,5
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,025	32,0
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,870	-3,8
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	2.90	AUD	ORD	4,335	4,3
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	2.90	AUD	ORD	-6,048	-6,0
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,386	-10,3
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,965	-25,9
16-Mar-22 16-Mar-22	BlackRock Advisors (UK) Limited BlackRock Fund Advisors	on mkt sell	2.87	AUD	ORD	-8,670	-8,6
17-Mar-22	BlackRock Investment Management (Australia) Limited	in specie on mkt sell	n/a 2.91	AUD AUD	ORD ORD	-29,310 -24,970	-29,3 -24,9
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.91	AUD	ORD	3,405	3,4
18-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,931	-2,9
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	2.97	AUD	ORD	4,335	4,3
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	20,071	20,0
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	66,104	66,1
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	18,495	18,4
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	10,097	10,0
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	46,893	46,8
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	24,626	24,6
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	7,855	7,8
18-Mar-22							

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
18-Mar-22	BlackRock Investment Management	on mkt buy	2.97	AUD	ORD	9,089	9,08
18-Mar-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.97	AUD	ORD	10,044	10,04
18-Mar-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	8,949	8,94
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	29,475	29,47
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	8,247	8,24
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	4,502	4,50
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	20,907	20,90
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	10,981	10,98
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	3,503	3,50
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.97	AUD	ORD	2,638	2,63
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	4,053	4,05
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	4,479	4,47
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	2.97	AUD	ORD	-63,954	-63,95
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.97	AUD	ORD	-23,747	-23,74
18-Mar-22	BlackRock Fund Advisors	on mkt sell	2.97	AUD	ORD	-5,441	-5,44
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.97	AUD	ORD	-33,919	-33,91
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.97	AUD	ORD	-35,395	-35,39
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	6,778	6,77
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	22,323	22,32
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	6,245	6,24
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	3,410	3,41
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	15,834	15,83
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	8,316	8,31
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	2,653	2,65
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.97	AUD	ORD	1,998	1,99
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	3,069	3,06
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	AUD	ORD	3,392	3,39
21-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,279	-1,27
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.95	AUD	ORD	-35,137	-35,13
22-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	137,881	137,88
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,772	-20,77
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,080	4,08
24-Mar-22 25-Mar-22	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	2.92	AUD AUD	ORD ORD	-94,203 -74,584	-94,20 -74,58
25-Mar-22 25-Mar-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell	2.93	AUD	ORD	-74,584 -4,335	-74,58 -4,33
29-Mar-22	BlackRock Fund Advisors	in specie	2.95 n/a	AUD	ORD	-4,335	-4,33
29-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	2.94	AUD	ORD	4,335	4,33
30-Mar-22	BlackRock Fund Advisors	on mkt buy	3.00	AUD	ORD	34,753	34,75
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	AUD	ORD	190,980	190,98
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,576	-15,57
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-51,920	-51,92
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.95	AUD	ORD	4,628	4,62
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.95	AUD	ORD	19,269	19,26
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-67,496	-67,49
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,850	-7,85

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / iven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,444	-10,444
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,444	-10,444
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,812	-3,812
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.92	AUD	ORD	90,454	90,454
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.95	AUD	ORD	95,058	95,058
01-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	2.95	AUD	ORD	-4,335	-4,335
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	AUD	ORD	3,471	3,47
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	2.96	AUD	ORD	-4,336	-4,336
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	2.96	AUD	ORD	-4,336	-4,336
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	AUD	ORD	4,834	4,834
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,110	-26,110
05-Apr-22	BlackRock Japan Co., Ltd.	on mkt buy	2.94	AUD	ORD	4,677	4,677
05-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	6,942	6,942
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-67,886	-67,886
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.94	AUD	ORD	26,611	26,611
06-Apr-22	BlackRock Japan Co., Ltd.	on mkt buy	2.93	AUD	ORD	4,749	4,749
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	2.94	AUD	ORD	74,750	74,750
06-Apr-22	BlackRock Investment Management, LLC	,	2.94	AUD	ORD	4,004	4,004
07-Apr-22	BlackRock Japan Co., Ltd.	on mkt huw	2.96	AUD	ORD	1 076	1,076
		on mkt buy			ORD	1,076	
07-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	2.95	AUD		47,478	47,478
07-Apr-22 07-Apr-22	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt buy on mkt buy	2.95 2.95	AUD AUD	ORD ORD	30,352 14,786	30,352 14,786
08-Apr-22	BlackRock Fund Advisors	in anagia	nla	AUD	ORD	12,362	12,362
08-Apr-22	BlackRock Advisors (UK) Limited	in specie on mkt sell	n/a 3.00	AUD	ORD	-15,844	-15,844
08-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	3.00	AUD	ORD	-15,644 -8,672	-15,644
11-Apr-22	BlackRock Investment Management, LLC		3.01	AUD	ORD	13,186	-0,072
11-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,775	-5,775
12-Apr-22	BlackRock Fund Advisors	on mkt buy	3.04	AUD	ORD	18,639	18,639
12-Apr-22 12-Apr-22	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	on mkt buy on mkt buy	3.01 3.01	AUD AUD	ORD ORD	7,915 4,894	7,915 4,894
10 4	Dissis Davids Jaman Oscillati		0.04	AUD	000	000	000
13-Apr-22 13-Apr-22	BlackRock Japan Co., Ltd. BlackRock Investment Management (Australia) Limited	on mkt sell on mkt buy	3.01 3.00	AUD	ORD ORD	-926 91,769	-926 91,769
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	3.00	AUD	ORD	9,224	9,224
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	3.00	AUD	ORD	-28,616	-28,616
18-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,454	13,454
19-Apr-22	BlackRock Fund Advisors	on mkt buy	3.03	AUD	ORD	75,182	75,182
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03	AUD	ORD	-2,514	-2,514
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	3.03	AUD	ORD	1,512	1,512
19-Apr-22	BlackRock Investment Management, LLC		3.03	AUD	ORD	10,668	10,668
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,736	-41,736
20-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.99	AUD	ORD	-131,442	-131,442
20-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.99	AUD	ORD	36,099	36,099
20-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.99	AUD	ORD	4,758	4,758
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	3.06	AUD	ORD	-71,055	-71,055
22-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,839	22,839
22-Apr-22 22-Apr-22	BlackRock Investment Management, LLC		3.10	AUD	ORD	11,320	11,320
22-Apr-22	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-1,571	-1,571
26-Apr-22	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,070	-26,070
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	3.05	AUD	ORD	1,512	1,512
LU /701-LL							70,503
•	BlackRock Fund Advisors	in specie	n/a		()RI)	70 503	
27-Apr-22 27-Apr-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD ORD	70,503 21,846	21,846

page 22 of 97

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to nge (7)	ССҮ	Class and securities		Person's votes affected
29-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	AUD	ORD	-234,320	-234,32
29-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	3.07	AUD	ORD	-96.802	-96,802
	BlackRock Institutional Trust Company,	on mkt sell	3.07	AUD	ORD	-88,372	-88,37
29-Apr-22	National Association BlackRock Institutional Trust Company,	on mkt sell	3.07	AUD	ORD	-10,546	-10,540
20 / 10/ 22	National Association		0.07	NOD	OND	10,040	10,040
29-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	3.07	AUD	ORD	4,900	4,900
02-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,725	-4,72
02-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,725	-4,72
02-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,285	-12,28
02-May-22	BlackRock Fund Advisors	on mkt sell	3.00	AUD	ORD	-118,585	-118,58
02-May-22	BlackRock Advisors (UK) Limited	on mkt sell	3.00	AUD	ORD	-104,925	-104,92
02-May-22	BlackRock Investment Management, LLC	on mkt buy	3.00	AUD	ORD	3,209	3,209
02-May-22	BlackRock Fund Advisors	on mkt buy	3.00	AUD	ORD	45,445	45,44
03-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,430	-10,43
03-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-80,325	-80,32
03-May-22	BlackRock Institutional Trust Company,	on mkt sell	2.95	AUD	ORD	-116,202	-116,202
03-May-22	National Association BlackRock Investment Management, LLC	on mkt buv	2.95	AUD	ORD	5,868	5,868
03-1viay-22		on nikt buy	2.95	AUD	OND	5,000	5,000
04-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,366	3,36
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.91	AUD	ORD	20,435	20,43
04-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,728	-41,72
05-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.97	AUD	ORD	4,536	4,536
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	92,240	92,240
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.93	AUD	ORD	-60,570	-60,57
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	3,459	3,45
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.93	AUD	ORD	-13,460	-13,46
06-May-22	BlackRock Investment Management, LLC	on mkt buy	2.93	AUD	ORD	8,873	8,873
09-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.82	AUD	ORD	-47,110	-47,110
09-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.82	AUD	ORD	-10,377	-10,37
09-May-22	BlackRock Fund Advisors	on mkt buy	2.82	AUD	ORD	47,190	47,19
09-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-52,600	-52,60
10-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.83	AUD	ORD	25,366	25,36
10-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.83	AUD	ORD	4,087	4,08
11-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,780	-3,78
11-May-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.90	AUD	ORD	-782	-782
	BlackRock Investment Management, LLC	on mkt buy	2.90	AUD	ORD	23,295	23,29
11-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,674	-24,67
12-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,357	3,35
12-May-22	BlackRock Advisors (UK) Limited	on mkt sell	2.90	AUD	ORD	-16,220	-16,22
12-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.90	AUD	ORD	4,504	4,504
12-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	AUD	ORD	-57,310	-57,310
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	AUD	ORD	108,382	108,382
13-May-22	BlackRock Advisors (UK) Limited	on mkt sell	2.96	AUD	ORD	-4,077	-4,07
13-May-22	BlackRock Advisors (UK) Limited	on mkt sell	2.96	AUD	ORD	-66,390	-66,39
17-May-22	BlackRock Investment Management	on mkt buy	3.02	AUD	ORD	124,521	124,52
	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	3.02	AUD	ORD	75,026	75,020
18-May-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-130,621	-130,62
18-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	3.04	AUD	ORD	-6,730	-6,730
18-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	3.04	AUD	ORD	-40,953	-40,953
20-May-22	BlackRock Fund Advisors	on mkt buy	2.96	AUD	ORD	40,436	40,43
20-May-22 20-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.96	AUD	ORD	-6,479	-6,479
20-May-22	BlackRock Fund Advisors	on mkt buy	2.96	AUD	ORD	6,479	6,479
23-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.99	AUD	ORD	16,308	16,308

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / iven in relation to ge (7)	CCY	Class and securities		Person's votes affected
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.99	AUD	ORD	8,154	8,154
25-May-22	BlackRock Fund Advisors	on mkt buy	2.99	AUD	ORD	47,102	47,102
26-May-22	BlackRock Japan Co., Ltd.	on mkt buy	2.94	AUD	ORD	514	514
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.94	AUD	ORD	-6,918	-6,918
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.94	AUD	ORD	9,689	9,689
27-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	2.94	AUD	ORD	-60,090	-60,090
27-May-22	BlackRock Investment Management, LLC	on mkt buy	2.97	AUD	ORD	10,401	10,401
30-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	AUD	ORD	-100,430	-100,430
30-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.99	AUD	ORD	16,142	16,142
31-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,725	-4,725
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	102,310	102,310
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	41,559	41,559
31-May-22	BlackRock Fund Advisors	on mkt sell	2.97	AUD	ORD	-142,318	-142,318
31-May-22 31-May-22	BlackRock Fund Advisors	on mkt buy	2.97	AUD	ORD	-142,318 19,999	19,999
31-May-22 31-May-22	BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association	on mkt sell	2.97	AUD	ORD	-21,550	-21,550
31-May-22	BlackRock Japan Co., Ltd.	on mkt buy	2.97	AUD	ORD	884	884
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	2.97	AUD	ORD	8,154	8,154
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	27,435	27,435
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	62,632	62,632
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.97	AUD	ORD	25,441	25,441
31-May-22	BlackRock Fund Advisors	on mkt buy	2.97	AUD	ORD	12,243	12,243
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.97	AUD	ORD	-15,237	-15,237
01-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,835	-2,835
01-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.97	AUD	ORD	-86,837	-86,837
01-Jun-22	BlackRock Japan Co., Ltd.	on mkt sell	2.98	AUD	ORD	-872	-872
02-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,114	3,114
02-Jun-22	BLACKROCK ADVISORS LLC	on mkt buy	2.96	AUD	ORD	51,313	51,313
06-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.96	AUD	ORD	-86,475	-86,475
06-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.96	AUD	ORD	4,076	4,076
06-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	AUD	ORD	64,667	64,667
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.88	AUD	ORD	8,162	8,162
07-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.88	AUD	ORD	6,165	6,165
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.87	AUD	ORD	-73,368	-73,368
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	81,770	81,770
09-Jun-22	BlackRock Fund Advisors	on mkt sell	2.82	AUD	ORD	-84,573	-84,573
09-Jun-22 09-Jun-22	BlackRock Fund Advisors BlackRock Fund Advisors	on mkt sell on mkt sell	2.82	AUD AUD	ORD ORD	-4,842 -116,656	-4,842 -116,656
09-Jun-22	BlackRock Fund Advisors	on mkt sell	2.82	AUD	ORD	-11,698	-11,698
09-Jun-22	BlackRock Fund Advisors	on mkt sell	2.82	AUD	ORD	-1,345	-1,345
10-Jun-22	BlackRock Fund Advisors	on mkt sell	2.73	AUD	ORD	-32,159	-32,159
13-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,867	-3,867
14-Jun-22	BlackRock Japan Co., Ltd.	on mkt buy	2.64	AUD	ORD	799	799
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.64	AUD	ORD	-260,985	-260,985
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.65	AUD	ORD	-15,712	-15,712
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.65	AUD	ORD	-4,076	-4,076
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.65	AUD	ORD	-12,228	-12,228
14-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.65	AUD	ORD	182,513	182,513
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.65	AUD	ORD	-69,885	-69,885
15-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39,664	-39,664
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.65	AUD	ORD	-8,870	-8,870
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.61	AUD	ORD	4,612	4,612
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.61	AUD	ORD	6,730	6,730
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.61	AUD	ORD	-24,456	-24,456

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	CCY		number of s affected	Person's votes affected
16-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,734	7,734
16-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,280	11,28
16-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	3,459	3,459
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.68	AUD	ORD	3,024	3,02
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.68	AUD	ORD	4,536	4,53
17-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,190	14,19
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.64	AUD	ORD	-173,731	-173,73
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.68	AUD	ORD	-36,896	-36,89
17-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.68	AUD	ORD	-109,778	-109,77
17-Jun-22	BlackRock Fund Advisors	on mkt buy	2.68	AUD	ORD	4,822	4,82
17-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.68	AUD	ORD	104,956	104,95
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.68	AUD	ORD	-24,432	-24,43
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	12,225	12,22
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	36,722	36,72
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	33	3
17-Jun-22	BlackRock Fund Advisors	on mkt buy	2.68	AUD	ORD	1,393	1,39
17-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.68	AUD	ORD	30,332	30,33
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.68	AUD	ORD	69,560	69,56
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.68	AUD	ORD	8,031	8,03
17-Jun-22	BlackRock Japan Co., Ltd.	on mkt sell	2.68	AUD	ORD	-469	-46
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.74	AUD	ORD	-12,228	-12,22
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.74	AUD	ORD	-118,405	-118,40
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	4,536	4,53
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	4,076	4,07
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.75	AUD	ORD	-329,502	-329,50
22-Jun-22	BlackRock Fund Advisors	on mkt buy	2.75	AUD	ORD	52,366	52,36
23-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.83	AUD	ORD	6,918	6,91
23-Jun-22	BlackRock Fund Advisors	on mkt buy	2.83	AUD	ORD	52,216	52,21
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,376	11,37
27-Jun-22	BlackRock Japan Co., Ltd.	on mkt buy	2.91	AUD	ORD	884	88
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.91	AUD	ORD	-40,817	-40,81
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	2.91	AUD	ORD	-48,205	-48,20
27-Jun-22 27-Jun-22	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt buy	2.91 2.91	AUD AUD	ORD ORD	4,076 20,859	4,07 20,85
	National Association					= = = = = = = = = = = = = = = = = = = =	
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,520	7,52
28-Jun-22 28-Jun-22	BlackRock Japan Co., Ltd. BlackRock Institutional Trust Company,	on mkt buy on mkt sell	2.95 2.93	AUD AUD	ORD ORD	717 -14,782	71
28-Jun-22	National Association BlackRock Fund Advisors	in specie		AUD	ORD	-14,782	-14,78
29-Jun-22	BlackRock Institutional Trust Company,	on mkt buy	n/a 2.81	AUD	ORD	77,068	77,06
	National Association BlackRock Investment Management	on mkt sell		AUD	ORD	-129,318	-129,31
29-Jun-22	(Australia) Limited		2.80			· · ·	
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.78	AUD	ORD	-21,837	-21,83
29-Jun-22	BlackRock Fund Advisors	on mkt buy	2.78	AUD	ORD	27,545	27,54
30-Jun-22 30-Jun-22	BlackRock Fund Advisors	in specie on mkt sell	n/a 2.80	AUD AUD	ORD ORD	2,850	2,85
30-Jun-22 30-Jun-22	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt sell	2.80	AUD	ORD	-1,880 -60,317	-1,88
	(Australia) Limited						
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.75	AUD	ORD	-44,688	-44,68
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.75	AUD	ORD	-25,780	-25,78
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.75	AUD	ORD	-1,808	-1,80
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.75	AUD	ORD	106,749	106,749
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.75	AUD	ORD	7,865	7,86
01-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,400	-9,400
PCN							5 of 07

Date of Change	Person whose relevant interest changed	Consideration	e of change (6) / on given in relation to change (7)	ССҮ	Class and number of securities affected		Person's votes affected
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.77	AUD	ORD	-144,051	-144,05
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.77	AUD	ORD	-3,241	-3,24
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.76	AUD	ORD	-27,934	-27,93
01-Jul-22	BlackRock Japan Co., Ltd.	on mkt sell	2.76	AUD	ORD	-9,969	-9,96
04-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.82	AUD	ORD	6,870	6,87
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.77	AUD	ORD	-5,725	-5,72
05-Jul-22	BlackRock Japan Co., Ltd.	on mkt buy	2.79	AUD	ORD	604	60
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.77	AUD	ORD	-9,924	-9,92
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.83	AUD	ORD	22,900	22,90
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.83	AUD	ORD	5,725	5,72
06-Jul-22	BlackRock Investment Management, LLC	on mkt buy	2.83	AUD	ORD	5,552	5,55
06-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	2.83	AUD	ORD	64,492	64,49
07-Jul-22 07-Jul-22	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt sell	n/a 2.82	AUD AUD	ORD ORD	-50,380 -6,975	-50,38 -6,97
07-Jul-22	(Australia) Limited BlackRock Advisors (UK) Limited	on mitthuw	2.02	AUD		0.079	0.07
07-Jul-22 07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy on mkt sell	2.83	AUD	ORD ORD	9,078	9,07
08-Jul-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-209,534	-209,53
11-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	2.87	AUD	ORD	-24,474	-24,47
11-Jul-22	BlackRock Investment Management, LLC	on mkt buy	2.87	AUD	ORD	4,469	4,46
11-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.87	AUD	ORD	-17,172	-17,17
12-Jul-22	BlackRock Japan Co., Ltd.	on mkt buy	2.88	AUD	ORD	423	42
12-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.87	AUD	ORD	28,650	28,65
12-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	2.87	AUD	ORD	1,053	1,05
12-Jul-22 12-Jul-22	BlackRock Advisors (UK) Limited BlackRock Investment Management, LLC	on mkt sell on mkt buy	2.87 2.87	AUD AUD	ORD ORD	-4,079 8,135	-4,07 8,13
12-Jul-22	BlackRock Fund Advisors	on mkt buy	2.87	AUD	ORD	51,453	51,45
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.85	AUD	ORD	-85,876	-85,87
13-Jul-22 14-Jul-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell	2.83 2.79	AUD	ORD ORD	-8,142	-8,14 4,58
	(Australia) Limited	on mkt buy				4,584	
14-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.79	AUD	ORD	5,730	5,73
14-Jul-22 14-Jul-22	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell on mkt buy	2.79	AUD	ORD ORD	-8,158 57,354	-8,15 57,35
	National Association						
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.83	AUD	ORD	6,876	6,87
15-Jul-22	BlackRock Investment Management, LLC		2.83	AUD	ORD	18,327	18,32
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,762	8,76
19-Jul-22 19-Jul-22	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt buy	n/a 2.88	AUD AUD	ORD ORD	2,871 104,323	2,87 104,32
19-Jul-22	(Australia) Limited BlackRock Asset Management Canada Limited	on mkt buy	2.88	AUD	ORD	53,473	53,47
19-Jul-22	BlackRock Fund Advisors	on mkt buy	2.88	AUD	ORD	4,838	4,83
19-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.88	AUD	ORD	57,580	57,58
19-Jul-22	BlackRock Fund Advisors	on mkt buy	2.88	AUD	ORD	52,018	52,01
19-Jul-22	BLACKROCK ADVISORS LLC	on mkt buy	2.88	AUD	ORD	53,448	53,44
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.88	AUD	ORD	3,190	3,19
19-Jul-22	BlackRock Investment Management, LLC		2.88	AUD	ORD	12,153	12,15
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.88	AUD	ORD	24,066	24,06
20-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.92	AUD	ORD	-147,820	-147,82

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / ven in relation to ge (7)	CCY	Class and securities		Person's votes affected
20-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	8,022	8,022
20-Jul-22	BlackRock Fund Advisors	on mkt buy	2.93	AUD	ORD	73,860	73,860
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	959	959
21-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.91	AUD	ORD	17,190	17,190
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	2.91	AUD	ORD	1,053	1,053
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	2.91	AUD	ORD	-4,079	-4,079
21-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.91	AUD	ORD	7,456	7,456
22-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	AUD	ORD	-153,996	-153,996
22-Jul-22	BlackRock Investment Management, LLC	on mkt buy	2.90	AUD	ORD	4,398	4,39
25-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.91	AUD	ORD	9,168	9,16
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	2.91	AUD	ORD	-6,708	-6,70
26-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.93	AUD	ORD	19,266	19,266
26-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.93	AUD	ORD	181,093	181,093
26-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.93	AUD	ORD	-6,502	-6,502
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	2.93	AUD	ORD	1,512	1,512
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,780	5,780
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.94	AUD	ORD	-3,588	-3,588
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	2.94	AUD	ORD	-19,656	-19,656
29-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,960	14,960
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	2.96	AUD	ORD	-12,276	-12,27
29-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	AUD	ORD	9,886	9,88
29-Jul-22	BlackRock Fund Advisors	on mkt buy	2.96	AUD	ORD	1,317	1,31
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	AUD	ORD	9,938	9,938
01-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,994	-7,994
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.97	AUD	ORD	-14,322	-14,322
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.97	AUD	ORD	-5,115	-5,11
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.97	AUD	ORD	-10,230	-10,23
02-Aug-22	BlackRock Japan Co., Ltd.	on mkt buy	2.98	AUD	ORD	4,316	4,31
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.94	AUD	ORD	11,460	11,460
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.94	AUD	ORD	-2,048	-2,04
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.94	AUD	ORD	-3,072	-3,072
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,932	-1,932
03-Aug-22	BlackRock Japan Co., Ltd.	on mkt buy	2.92	AUD	ORD	3,107	3,107
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.89	AUD	ORD	34,196	34,196
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,835	2,83
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,138	6,138
04-Aug-22	BlackRock Japan Co., Ltd.	on mkt buy	2.93	AUD	ORD	2,728	2,728
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.94	AUD	ORD	-43,548	-43,548
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.94	AUD	ORD	-3,072	-3,072
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.94	AUD	ORD	-10,240	-10,240
05-Aug-22 05-Aug-22	BlackRock Fund Advisors BlackRock Investment Management (Australia) Limited	in specie on mkt buy	n/a 2.93	AUD AUD	ORD ORD	-30,564 3,438	-30,564 3,438
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	2.93	AUD	ORD	19,456	19,450
03-Aug-22 08-Aug-22	BlackRock Fund Advisors	in specie	2.93 n/a	AUD	ORD	3,760	3,76
08-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.88	AUD	ORD	-48,132	-48,132
08-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.88	AUD	ORD	-5,120	-5,120
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	11,460	11,460
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.93	AUD	ORD	6,876	6,876
09-Aug-22	BlackRock Fund Advisors	on mkt buy	2.93	AUD	ORD	19,209	19,209
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,185	31,18
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	AUD	ORD	193,752	193,752
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	AUD	ORD	29,213	29,213

ate of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ	Class and securities		Person's votes affected
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	AUD	ORD	60,231	60,23
10-Aug-22	BlackRock Fund Advisors	on mkt buy	2.96	AUD	ORD	181,479	181,47
10-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	2.96	AUD	ORD	16,826	16,82
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,184	-10,18
11-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,180	-10,18
11-Aug-22	BlackRock Investment Management	on mkt buy	2.95	AUD	ORD	11,481	11,48
5	(Australia) Limited						
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.95	AUD	ORD	1,767	1,76
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.91	AUD	ORD	-3,066	-3,06
15-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.95	AUD	ORD	-87,152	-87,1
15-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.95	AUD	ORD	42,663	42,6
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	2.95	AUD	ORD	66,279	66,2
16-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	28,532	28,5
17-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	2.88	AUD	ORD	3,024	3,0
	BlackRock Institutional Trust Company,	on mkt buy				8.992	,
17-Aug-22	National Association		2.88	AUD	ORD		8,9
17-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-33	-
18-Aug-22	BlackRock Japan Co., Ltd.	on mkt buy	2.86	AUD	ORD	1,402	1,4
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.86	AUD	ORD	-71,993	-71,9
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.86	AUD	ORD	-440,064	-440,0
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.86	AUD	ORD	27,683	27,6
18-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	186,395	186,3
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.81	AUD	ORD	-3,066	-3,0
19-Aug-22 19-Aug-22	BlackRock Institutional Trust Company,	on mkt sell	2.81	AUD	ORD	-3,066	-3,0 -11,1
19-Aug-22	National Association BlackRock Investment Management, LLC	on mkt sell	2.81	AUD	ORD	-6,716	-6,7
22-Aug-22	BlackRock Investment Management	on mkt sell	2.80	AUD	ORD	-19,499	-19,4
22-Aug-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	9,176	9,1
0	(Australia) Limited						
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.80	AUD	ORD	-3,066	-3,0
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.80	AUD	ORD	-6,132	-6,
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.74	AUD	ORD	-4,088	-4,0
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.74	AUD	ORD		-8,
23-Aug-22	(-)					-8,176	
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	2.74	AUD	ORD	-58,574	-58,
24-Aug-22 24-Aug-22	BlackRock Fund Advisors BlackRock Investment Management, LLC	in specie on mkt sell	n/a 2.69	AUD	ORD ORD	-4,437 -11,628	-4,- -11,
24-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	2.69	AUD	ORD	16,378	16,5
v	BlackRock Advisors (UK) Limited	on mkt sell					-2,0
24-Aug-22			2.69	AUD	ORD	-2,044	
25-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.71	AUD	ORD	-379,849	-379,
25-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.72	AUD	ORD	6,462	6,4
26-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	533,414	533,4
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.69	AUD	ORD	-43,586	-43,
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.69	AUD	ORD	8,029	8,
29-Aug-22	BlackRock Investment Management	on mkt buy	2.69	AUD	ORD	4,520	4,
29-Aug-22	(Australia) Limited BlackRock Investment Management, LLC	on mkt sell	2.69	AUD	ORD	-9,774	-9,
00 4 55		a allatan 11 - 1	,	=	0.0-	FOO	
29-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-533,414	-533,
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.72	AUD	ORD	-65,120	-65,
30-Aug-22	BlackRock Investment Management, LLC	on mkt sell	2.72	AUD	ORD	-9,235	-9,
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.72	AUD	ORD	58,608	58,
31-Aug-22	BLACKROCK ADVISORS LLC	on mkt buy	2.73	AUD	ORD	58,658	58,
31-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	147,303	147,3
01-Sep-22	BlackRock Investment Management	on mkt sell	2.67	AUD	ORD	-230,975	-230,9
<u></u>	(Australia) Limited		0.00	A110	000	10.111	4.0
	BlackRock Advisors (UK) Limited	on mkt buy	2.68	AUD	ORD	12,144	12,
01-Sep-22 01-Sep-22	BlackRock Investment Management	on mkt buy	2.68	AUD	ORD	197,857	197,

Date of Change	Person whose relevant interest changed	Nature of c Consideration giv chang	ven in relation to	CCY		number of affected	Person's votes affected
02-Sep-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-94,495	-94,49
02-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,190	-10,19
02-Sep-22	BlackRock Investment Management, LLC	•	2.69	AUD	ORD	-5,141	-5,14
02-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,310	-5,310
05-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,360	-6,360
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.71	AUD	ORD	-116,639	-116,63
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.72	AUD	ORD	11,470	11,470
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.72	AUD	ORD	-128,464	-128,464
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.72	AUD	ORD	2,294	2,294
06-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.72	AUD	ORD	-10,834	-10,83
07-Sep-22	BlackRock Japan Co., Ltd.	on mkt buy	2.71	AUD	ORD	450	45
08-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.69	AUD	ORD	-129,158	-129,15
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-3,313	-3,31
08-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.70	AUD	ORD	-1,504	-1,50
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-132,714	-132,71
08-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.70	AUD	ORD	-60,296	-60,29
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.70	AUD	ORD	3,441	3,44
09-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-108,376	-108,37
09-Sep-22	BlackRock Asset Management Canada Limited	on mkt sell	2.70	AUD	ORD	-57,556	-57,55
12-Sep-22	BlackRock Japan Co., Ltd.	on mkt sell	2.73	AUD	ORD	-462	-46
12-Sep-22	BlackRock Investment Management, LLC	on mkt sell	2.69	AUD	ORD	-14,977	-14,97
12-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.69	AUD	ORD	-102,172	-102,17
13-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,997	-3,99
13-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,865	-2,86
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.71	AUD	ORD	-11,470	-11,47
13-Sep-22	BlackRock Investment Management, LLC	on mkt sell	2.71	AUD	ORD	-9,580	-9,58
14-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.62	AUD	ORD	199,426	199,42
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.60	AUD	ORD	3,441	3,44
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.52	AUD	ORD	-5,014	-5,014
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.52	AUD	ORD	5,014	5,014
15-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.52	AUD	ORD	-8,260	-8,26
15-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.52	AUD	ORD	44,995	44,99
16-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.48	AUD	ORD	-6,287	-6,28
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.48	AUD	ORD	31,050	31,05
16-Sep-22	BlackRock Japan Co., Ltd.	on mkt sell	2.48	AUD	ORD	-1,032	-1,03
16-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	2.48	AUD	ORD	-195,044	-195,04
16-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.48	AUD	ORD	-9,887	-9,88
16-Sep-22	BlackRock Investment Management, LLC		2.48	AUD	ORD	-7,433	-7,43
16-Sep-22	BlackRock Fund Advisors	on mkt sell	2.48	AUD	ORD	-6,987	-6,98
16-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.48	AUD	ORD	-245,509	-245,50
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.48	AUD	ORD	-24,700	-24,70
16-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-225,960	-225,96
16-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-313,867	-313,86
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.48	AUD	ORD	-584,312	-584,31
19-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.51	AUD	ORD	-11,974	-11,974

Date of Change	Person whose relevant interest Nature of change (6) / Consideration given in relation to CCY changed change (7)		Class and number of securities affected		Person's votes affected		
19-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.53	AUD	ORD	3,393	3,39
20-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.49	AUD	ORD	-4,878	-4,87
20-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.49	AUD	ORD	-9,359	-9,359
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	2.44	AUD	ORD	7,136	7,13
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.44	AUD	ORD	-7,136	-7,130
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.44	AUD	ORD	-15,385	-15,38
22-Sep-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-28,673	-28,673
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.37	AUD	ORD	-1,626	-1,62
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.37	AUD	ORD	-59,259	-59,25
23-Sep-22	BlackRock Fund Advisors	on mkt buy	2.37	AUD	ORD	59,964	59,964
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.34	AUD	ORD	4,524	4,524
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.34	AUD	ORD	-7,620	-7,62
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.34	AUD	ORD	-3,252	-3,25
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.34	AUD	ORD	-58,233	-58,233
26-Sep-22	BlackRock Fund Advisors	on mkt sell	2.34	AUD	ORD	-5,108	-5,108
26-Sep-22	BlackRock Fund Advisors	on mkt sell	2.34	AUD	ORD	-30,855	-30,85
26-Sep-22	BlackRock Fund Advisors	on mkt sell	2.34	AUD	ORD	-1,421	-1,42
27-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,660	-20,66
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.32	AUD	ORD	-2,439	-2,439
27-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.32	AUD	ORD	-54,951	-54,957
27-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	449	449
28-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,805	-2,805
28-Sep-22	BlackRock Japan Co., Ltd.	on mkt buy	2.31	AUD	ORD	494	494
28-Sep-22	BlackRock Japan Co., Ltd.	on mkt buy	2.30	AUD	ORD	1,527	1,52
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.33	AUD	ORD	7,917	7,917
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.35	AUD	ORD	-1,626	-1,626
29-Sep-22	BlackRock Asset Management Canada Limited	on mkt buy	2.35	AUD	ORD	61,384	61,384
29-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-60,900	-60,900
30-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,820	6,820
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	4,524	4,524
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD	7,192	7,192
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.35	AUD	ORD	-7,192	-7,192
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	2.35	AUD	ORD	-7,192	-7,19
30-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.35	AUD	ORD	21,403	21,40
30-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.35	AUD	ORD	-32,234	-32,234
30-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.35	AUD	ORD	214,797	214,797
03-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	2.39	AUD	ORD	61,083	61,083
03-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.39	AUD	ORD	16,782	16,782
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.39	AUD	ORD	-58,700	-58,700
03-Oct-22	BlackRock Japan Co., Ltd.	on mkt sell	2.39	AUD	ORD	-10,607	-10,60
04-Oct-22	BlackRock Fund Advisors	in specie		AUD	ORD	4,675	4,675
04-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,675	4,67
04-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	7,917	7,917
04-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.46	AUD	ORD	-9,110	-9,110
05-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,850	-3,850
05-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,805
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	2.46	AUD	ORD	4,075	4,075
06-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.47	AUD	ORD	102,856	102,856
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,326	10,326
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,489	15,489
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.43	AUD	ORD	22,937	22,937
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.43	AUD	ORD	40,697	40,697
07-Oct-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-30,151	-30,151
07-Oct-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	30,151	30,151
DON							0 of 07

Date of Change	Person whose relevant interest changed		ure of change (6) / ition given in relation to change (7)	ССҮ	Class and securities	number of affected	Person's votes affected
10-Oct-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-582,669	-582,60
10-Oct-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-936,202	-936,20
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,489	15,48
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,74
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-21,190	-21,19
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,472	5,4
11-Oct-22	BlackRock Advisors (UK) Limited	collateral tra	ansfer n/a	AUD	ORD	-290,078	-290,0
12-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	2.41	AUD	ORD	584	58
13-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,326	10,3
13-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,155	12,1
14-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,7
17-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,805	2,8
17-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,525	8,5
17-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	2.39	AUD	ORD	-2,445	-2,4
18-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.46	AUD	ORD	325,649	325,6
18-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,7
20-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.45	AUD	ORD	9,265	9,2
24-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.47	AUD	ORD	11,290	11,2
24-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	2.47	AUD	ORD	-7,143	-7,1
24-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.47	AUD	ORD	-98,631	-98,6
25-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,736	2,7
25-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	2.56	AUD	ORD	-33,776	-33,
26-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,570	20,
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.63	AUD	ORD	-14,712	-14,
27-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,740	3,
28-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,120	36,
28-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,675	4,0
28-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.68	AUD	ORD	-30,060	-30,
31-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,368	1,:
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.72	AUD	ORD	-396,241	-396,2
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.72	AUD	ORD	-8,530	-8,
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.72	AUD	ORD	-51,000	-51,0
31-Oct-22	BLACKROCK ADVISORS LLC	on mkt buy	2.72	AUD	ORD	57,664	57,6
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,480	7,4
02-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,318	10,
02-Nov-22	BlackRock Japan Co., Ltd.	on mkt buy	2.72	AUD	ORD	4,091	4,
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,712	-3,
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,486	15,
04-Nov-22	BlackRock Japan Co., Ltd.	on mkt buy	2.64	AUD	ORD	2,913	2,
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.62	AUD	ORD	7,620	7,
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.62	AUD	ORD	1,568	1,
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.62	AUD	ORD	1,568	1,
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,174	6,
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,675	4,
07-Nov-22 08-Nov-22	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt buy on mkt buy	2.61 2.61	AUD AUD	ORD ORD	3,090 41,773	3, 41,
08-Nov-22	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	2.61	AUD	ORD	-5,581	-5,
08-Nov-22	National Association BlackRock Institutional Trust Company,	on mkt buy	2.61	AUD	ORD	6,288	6,
09-Nov-22	National Association BlackRock Investment Management	in specie	n/a	AUD	ORD	-181,995	-181,
00 N	(Australia) Limited		· ·	=	~==	10	
09-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,836	19,8
09-Nov-22 09-Nov-22	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt buy	2.64 2.64	AUD AUD	ORD ORD	20,397 10,393	20, 10,
	National Association BlackRock Investment Management	on mkt buy	2.64	AUD	ORD	8,942	8,
09-Nov-22							
	(Australia) Limited	on mkt hurr	0 64			1 610	1
10-Nov-22	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.64		ORD	1,610	1,
	(Australia) Limited	on mkt buy in specie in specie	2.64 n/a n/a	AUD AUD AUD	ORD ORD ORD	1,610 15,895 6,545	1, 15, 6,

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	
11-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	2.72	AUD	ORD	-15,240	-15,24
11-Nov-22	BlackRock Investment Management, LLC	on mkt buy	2.72	AUD	ORD	4,311	4,31
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.66	AUD	ORD	7,213	7,21
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.66	AUD	ORD	1,626	1,62
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.66	AUD	ORD	863	86
15-Nov-22	BlackRock Investment Management, LLC	on mkt buy	2.62	AUD	ORD	5,610	5,61
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,480	7,48
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,610	5,61
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	2.63	AUD	ORD	-28,056	-28,05
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.63	AUD	ORD	-16,431	-16,43
17-Nov-22	BlackRock Fund Advisors	on mkt buy	2.63	AUD	ORD	14,084	14,08
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,348	26,34
18-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,174	6,17
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	2.63	AUD	ORD	863	86
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	2.63	AUD	ORD	-809	-80
21-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,192	6,19
21-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,705	4,70
22-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,646	5,64
22-Nov-22	BlackRock Investment Management	on mkt sell	2.69	AUD	ORD	-18,064	-18,06
	(Australia) Limited						
22-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.69	AUD	ORD	8,880	8,88
23-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.68	AUD	ORD	290,289	290,28
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	2.67	AUD	ORD	-4,734	-4,73
23-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.67	AUD	ORD	-8,818	-8,81
23-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.67	AUD	ORD	-38,727	-38,72
23-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,128	4,12
23-Nov-22	BlackRock Advisors (UK) Limited	collateral transfe		AUD	ORD	149,299	149,29
24-Nov-22	BlackRock Fund Advisors	on mkt buy	2.67	AUD	ORD	4,662	4,66
25-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.71	AUD	ORD	702,942	702,94
25-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	2.72	AUD	ORD	-3,248	-3,24
25-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.72	AUD	ORD	-8,652	-8,65
25-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.72	AUD	ORD	8,432	8,43
25-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.72	AUD	ORD	120,378	120,37
25-Nov-22	BlackRock Investment Management, LLC	on mkt buy	2.72	AUD	ORD	219	21
25-Nov-22	BlackRock Investment Management, LLC	on mkt buy	2.72	AUD	ORD	3,136	3,13
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	1,020	1,02
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	330,933	330,93
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	414,448	414,44
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	87,772	87,77
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	165,388	165,38
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-1,020	-1,02
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	54,749	54,74
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-1	
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-6,373	-6,37
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-7,173	-7,17
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	134,256	134,25
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-57,739	-57,73
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	241,551	241,55

Date of Change	Person whose relevant interest changed		ture of change (6) / ration given in relation to change (7)	ССҮ		number of s affected	Person's votes affected
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-7,290	-7,29
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	302,550	302,55
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-20,198	-20,19
28-Nov-22	BlackRock Asset Management Canada	in specie	n/a	AUD	ORD	-75,530	-75,53
28-Nov-22	Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	720,800	720,80
28-Nov-22	(Australia) Limited BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-156,630	-156,63
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	276,781	276,78
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-360	-36
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,462	-2,46
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,653	-2,65
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,503	-3,50
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	19,243	19,24
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,214	-4,21
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	529,590	529,59
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-7,032	-7,03
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	27,874	27,87
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,397	-4,39
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-7,855	-7,85
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	231,345	231,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	316,551	316,55
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-8,942	-8,94
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,481	-11,48
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-12,917	-12,91
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	1,154,340	1,154,34
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	140,993	140,99
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-13,193	-13,19
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-14,786	-14,78
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	183,274	183,27
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,399	-17,39
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-254,744	-254,74
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-48,510	-48,51
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	11,687	11,68
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-706	-70
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,841	-1,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74,024	74,02
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,699	-2,69
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	482,089	482,08
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,032	-4,03
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,191	-4,19
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	64,000	64,00

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	
28-Nov-22	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-6,278	affected -6,27
28-Nov-22	Limited BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	186,928	186,92
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-18,178	-18,17
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	14,530,273	14,530,27
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-49,847	-49,84
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	454,812	454,81
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,189	2,18
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-5,797	-5,79
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	2,887	2,88
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-10,774	-10,77
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-11,196	-11,19
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,203,963	3,203,96
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-26,982	-26,98
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	in specie in specie	n/a n/a	AUD AUD	ORD ORD	2,038 1,799,974	2,03 1,799,97
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	61,640	61,64
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	679,908	679,90
28-Nov-22	Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	781,006	781,00
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	4,733,836	4,733,83
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	85,000	85,00
28-Nov-22 28-Nov-22	BlackRock Japan Co., Ltd. BlackRock Investment Management (UK)	in specie in specie	n/a n/a	AUD AUD	ORD ORD	14,717 203,985	14,71 203,98
28-Nov-22	Limited BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	307,135	307,13
28-Nov-22	National Association BlackRock Investment Management	in specie	n/a	AUD	ORD	485,856	485,85
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	281,201	281,20
28-Nov-22	Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,935	-3,93
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	1,535,094	1,535,09
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,547	-1,54
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,012,959	1,012,95
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-6,363	-6,36
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-6,159	-6,15
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-5,292	-5,29
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	4,535,539	4,535,53
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-8,517	-8,51
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	68,000	68,00
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-8,561	-8,56
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	131,928	131,92
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-9,689	-9,68
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-9,293	-9,29
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	392,154	392,15

Date of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	ССҮ		number of s affected	Person's votes affected
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,859	-9,859
28-Nov-22	(Australia) Limited BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	295,045	295,045
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,398,798	1,398,798
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-9,886	-9,886
	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,513,956	1,513,956
	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-10,017	-10,01
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-10,277	-10,27
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,840,246	4,840,246
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-10,669	-10,669
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	46,044	46,044
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-24,192	-24,192
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,581	-10,58
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	96,498	96,498
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,560	-4,560
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,482	-10,482
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	24,956	24,95
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-14,753	-14,75
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	78,670	78,67
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	56,313	56,31
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-19,266	-19,26
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-27,111	-27,11
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	1,857,043	1,857,043
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-9,257	-9,25
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	1,808,024	1,808,024
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-65,029	-65,029
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,609	3,609
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-69,745	-69,74
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	716,962	716,962
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,767	-10,76
	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	43,720	43,720
	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-9,061	-9,06
	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,332	-17,33
	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,838	-1,83
28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	in specie in specie	n/a n/a	AUD AUD	ORD ORD	127,000 -19,269	127,000 -19,269
	(Australia) Limited		· · · ·				
28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	in specie in specie	n/a n/a	AUD AUD	ORD ORD	1,056,153 620,088	1,056,15 620,08
	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-22,188	-22,18

Date of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	CCY		number of s affected	Person's votes affected
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-24,355	-24,35
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-25,676	-25,67
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	395,309	395,30
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-29,270	-29,27
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-26,372	-26,37
	(Australia) Limited	•			000		
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-28,768	-28,76
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	202,677	202,67
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-29,793	-29,79
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-68,628	-68,62
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-3,392	-3,39
	(Australia) Limited	•					
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-22,195	-22,19
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	17,284	17,28
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-4,479	-4,47
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-14,536	-14,53
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-10,044	-10,04
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	6,141,723	6,141,72
	Limited	•					
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-271,677	-271,67
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	317,432	317,43
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-322,806	-322,80
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	237,629	237,62
28-Nov-22	Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-21,063	-21,06
28-Nov-22	(Australia) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,281,235	1,281,23
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-16,782	-16,78
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,622	8,62
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-33,826	-33,82
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	9,185	9,18
	Limited	op oolo	.,, .	1.02	0112	0,100	0,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-804	-80
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,396,418	2,396,41
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-959	-95
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	1,317,466	1,317,46
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,608	-1,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,319,222	6,319,22
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,850	-2,85
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,835	-2,83
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	1,853,508	1,853,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,412	-2,4
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	178,000	178,00
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,871	-2,87
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	31,333	31,33
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,216	-3,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,216	-3,21
	BlackRock Fund Advisors	in specie		AUD	ORD	-3,216	-3,21
28-Nov-22			n/a				
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,020	-4,02
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,965	-3,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,824	-4,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,824	-4,82
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	40,640	40,64
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,826	-8,82
28-Nov-22	BlackRock Fund Advisors BlackRock Japan Co., Ltd.	in specie	n/a	AUD AUD	ORD ORD	-12,919	-12,91 31,11

Date of Change	Person whose relevant interest changed	Consideration	f change (6) / given in relation to ange (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,376	-11,37
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	23,503	23,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,895	-11,89
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,190	-14,19
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,492	-18,49
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,608	-24,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,062	-26,06
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-46,068	-46,06
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-60,725	-60,72
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-19,243	-19,24
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,277	-2,27
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,744	-5,74
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-27,874	-27,87
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-872	-87
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-49,193	-49,19
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-126,075	-126,07
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4.325	-4.32
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,260	-5,26
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-147,570	-147,57
28-Nov-22	BlackRock Advisors (UK) Limited	in specie		AUD	ORD	-188,274	-147,37
28-Nov-22	BLACKROCK FINANCIAL	in specie	n/a	AUD	ORD	-2,638	-2,63
28-Nov-22	MANAGEMENT INC BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-1,998	-1,99
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-4,151	-4,15
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-1,382	-1,38
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-4,929	-4,92
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-5,921	-5,92
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-6,813	-6,81
28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	-11,133	-11,13
28-Nov-22 28-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC BLACKROCK FINANCIAL	in specie in specie	n/a n/a	AUD	ORD	-157,565	-157,56
28-Nov-22	MANAGEMENT INC BLACKROCK FINANCIAL	in specie	n/a	AUD	ORD	-20,054	-20,03
	MANAGEMENT INC	-					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,398	-1,39
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-951	-95
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,029	-3,02
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,170	-3,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,409	-3,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,654	-3,65
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,628	-6,62
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,662	-4,66
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,131	-10,13
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,045	-17,04
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,045	-17,04
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-245,429	-245,42
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-5,261	-5,26
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-10,881	-10,88
28-Nov-22	BlackRock Investment Management (UK) Limited	•	n/a	AUD	ORD	-15,779	-15,77
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-37,886	-37,88
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-71,186	-71,18
28-Nov-22	BlackRock Investment Management (UK) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-6,528	-6,52
28-Nov-22	Limited	in specie in specie	n/a n/a	AUD	ORD	-2,102	-2,10 -3,05
28 Nov 22			li/a	AUD		-3.05/	-3,05
28-Nov-22	BlackRock Investment Management (UK) Limited BlackRock Fund Advisors	•					-3 33.
28-Nov-22 28-Nov-22 28-Nov-22	o ()	in specie in specie	n/a n/a	AUD AUD	ORD	-3,337 -3,599	-3,33 -3,59

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,599	-3,59
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,599	-3,59
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,930	-20,93
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,032	-3,03
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,599	-3,59
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,032	-3,03
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,892	-26,89
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-95,058	-95,05
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-190,980	-190,98
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-104,282	-104,28
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-91,769	-91,76
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,486	-12,48
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-38,440	-38,44
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-31,457	-31,45
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-21,403	-21,40
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-47,523	-47,52
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-24,916	-24,91
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-9,265	-9,26
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,992	-8,99
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,880	-8,88
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,305	-8,30
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,575	-10,57
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,393	-10,39
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,050	-3,05
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-15,243	-15,24
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-12,989	-12,98
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,217	-1,2
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-432	-43
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-9,234	-9,23
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-35,744	-35,74
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,041	-17,04
28-Nov-22 28-Nov-22	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie	n/a n/a	AUD	ORD	-17,808	-17,8
	(Australia) Limited BlackRock Investment Management	·					
28-Nov-22	(Australia) Limited	in specie	n/a	AUD	ORD	-4,053	-4,0
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,856	-17,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,585	-4,58
28-Nov-22 28-Nov-22	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-18,103	-18,10
	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie in specie	n/a	AUD	ORD		-18,2
28-Nov-22 28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a n/a	AUD	ORD	-18,264	-18,20
	(Australia) Limited	·					-18,32
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-18,593	-

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / ı given in relation to ıange (7)	ССҮ		I number of s affected	Person's votes affected
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-18,786	-18,78
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-19,901	-19,90
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-19,964	-19,96
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-17,879	-17,87
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-22,323	-22,32
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-23,204	-23,20
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-27,683	-27,68
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-28,353	-28,35
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-16,915	-16,91
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-28,847	-28,84
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-17,469	-17,46
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-16,916	-16,91
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-17,603	-17,60
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-13,334	-13,33
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-29,248	-29,24
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-29,475	-29,47
	(Australia) Limited	•				,	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-30,441	-30,44
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-30,070	-30,07
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-30,995	-30,99
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-31,155	-31,1
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-31,401	-31,40
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-31,943	-31,94
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-32,346	-32,34
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-33,244	-33,24
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-32,991	-32,99
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-33,470	-33,47
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-33,931	-33,93
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-31,050	-31,0
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-31,553	-31,5
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-827,203	-827,20
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-4,639,804	-4,639,80
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-369,730	-369,73
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-318,840	-318,84
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-923,103	-923,10
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-299,172	-299,17
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-312,238	-312,23
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-272,974	-272,97

Date of Change	Person whose relevant interest changed	Consideration	f change (6) / given in relation to ange (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-272,662	-272,66
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-250,000	-250,00
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-225,964	-225,96
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-197,857	-197,85
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-196,485	-196,48
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-190,769	-190,76
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-186,414	-186,41
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-180,205	-180,20
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-157,070	-157,07
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-137,798	-137,79
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-137,039	-137,03
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-132,726	-132,72
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-133,248	-133,24
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-132,032	-132,03
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-124,521	-124,52
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-121,503	-121,50
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-121,469	-121,40
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-120,556	-120,5
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-118,013	-118,0
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-116,261	-116,20
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-114,989	-114,98
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-104,323	-104,32
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-104,095	-104,09
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-105,657	-105,6
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-99,830	-99,83
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-96,932	-96,93
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-95,619	-95,6
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-94,587	-94,58
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-92,136	-92,1
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-73,105	-73,10
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-73,073	-73,0
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-101,953	-101,9
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-67,487	-67,48
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-67,155	-67,1
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-66,771	-66,7
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-68,872	-68,87
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-66,104	-66,10

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / n given in relation to nange (7)	ССҮ	Class and i securities		Person's votes affected
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-63,521	-63,52
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-61,437	-61,43
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-56,819	-56,81
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-54,469	-54,46
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-49,003	-49,00
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-46,386	-46,38
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-45,834	-45,83
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-44,013	-44,01
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-63,148	-63,14
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-61,759	-61,75
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-42,663	-42,66
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-40,746	-40,74
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-40,491	-40,49
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-40,609	-40,60
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-39,732	-39,73
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-39,082	-39,08
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-39,642	-39,64
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-8,397	-8,39
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-38,517	-38,51
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-5,718	-5,71
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-18,309	-18,30
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-41,087	-41,08
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-13,696	-13,69
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-49,783	-49,78
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-86,909	-86,90
28-Nov-22	Limited BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-78,845	-78,84
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-58,627	-58,62
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-54,924	-54,92
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,189	-2,18
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,887	-2,88
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,637	-4,63
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-17,896	-17,89
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,584	-4,58
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-16,966	-16,96
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-55,584	-55,58
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-51,262	-51,26
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-72,477	-72,47

Date of Change	Person whose relevant interest changed		ıre of change (6) / tion given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-45,509	-45,50
28-Nov-22	National Association BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-77,068	-77,06
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-90,488	-90,48
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-103,110	-103,11
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,432	-8,43
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-31,710	-31,71
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-41,090	-41,09
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-103,406	-103,40
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-67,091	-67,09
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-120,378	-120,37
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-106,749	-106,74
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-123,273	-123,27
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-109,931	-109,93
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-125,509	-125,50
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-134,614	-134,6′
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-131,649	-131,64
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-144,962	-144,90
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-159,234	-159,23
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-151,461	-151,46
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-163,315	-163,3
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-181,093	-181,09
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-200,630	-200,63
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-202,068	-202,00
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-357,787	-357,78
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-8,949	-8,94
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-6,778	-6,77
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-18,638	-18,63
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-22,484	-22,48
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-20,071	-20,07
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-30,187	-30,18
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-36,722	-36,72
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-41,157	-41,1
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-46,294	-46,29
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-50,737	-50,73
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-51,121	-51,12
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-51,629	-51,62
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-50,000	-50,00

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / given in relation to ange (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-55,910	-55,910
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-70,987	-70,98
28-Nov-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-71,351	-71,35
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-73,075	-73,075
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-85,709	-85,70
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-105,965	-105,96
28-Nov-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-118,822	-118,82
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-87,417	-87,417
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-147,901	-147,901
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-144,092	-144,092
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-188,356	-188,356
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-215,622	-215,622
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-23,825	-23,82
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,938	-1,938
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-22,410	-22,410
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,295	-4,29
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-3,907	-3,90
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-5,265	-5,26
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-10,662	-10,662
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,684	-2,684
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,559	-1,55
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-19,883	-19,88
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-19,962	-19,96
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-12,063	-12,063
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-21,847	-21,84
28-Nov-22	BlackRock Investment Management (UK) Limited	•	n/a	AUD	ORD	-26,649	-26,649
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-21,295	-21,29
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-28,345	-28,34
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-30,431	-30,43
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-29,049	-29,049
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-32,463	-32,463
28-Nov-22	BlackRock Investment Management (UK) Limited	-	n/a	AUD	ORD	-192,401	-192,40
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-230,615	-230,61
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-54,790	-54,79
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-78,189	-78,189
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-46,618	-46,618
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-47,655	-47,65
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-52,477	-52,477
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	-181,479	-181,479
	BlackRock Fund Advieore	in snecie					
28-Nov-22 28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-94,602 -73,860	-94,602

Date of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-47,102	-47,10
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD	ORD	-52,216	-52,210
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-105,049	-105,04
28-Nov-22	National Association BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-115,781	-115,78
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-121,913	-121,91
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-27,318	-27,31
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-166,088	-166,08
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-55,002	-55,00
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-101,606	-101,60
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-128,177	-128,17
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-165,005	-165,00
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-107,576	-107,57
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-101,457	-101,45
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-113,336	-113,33
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-99,448	-99,44
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-175,659	-175,65
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-193,489	-193,48
28-Nov-22 28-Nov-22	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust Company,	in specie in specie	n/a n/a	AUD	ORD	-171,940	-171,94
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-193,752	-02,03
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-165,216	-165,21
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-102,310	-102,31
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-81,950	-81,95
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-103,350	-103,35
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-14,775	-14,77
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-206,642	-206,64
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-224,124	-224,12
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-22,567	-22,56
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-39,502	-39,50
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-113,751	-113,75
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-8,685	-8,68
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-62,433	-62,43
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-197,284	-197,28
28-Nov-22	National Association BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-294,079	-294,07
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-497,417	-497,41
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-410,534	-410,53
28-Nov-22 28-Nov-22	BlackRock Japan Co., Ltd. BlackRock Japan Co., Ltd.	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-494 -514	-49 -51
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-468	-46

Date of Change	Person whose relevant interest changed		ıre of change (6) / tion given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-423	-42
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-563	-56
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-389	-38
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-568	-56
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-584	-58
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-645	-64
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-665	-66
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-706	-70
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-717	-71
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-793	-79
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-369	-36
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-1,054	-1,05
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-799	-79
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-3,727	-3,72
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-3,727	-3,72
28-Nov-22	BlackRock Japan Co., Ltd.			AUD	ORD	-450	-45
		in specie	n/a				
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-395	-39
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,736	-2,73
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-60,412	-60,41
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,061	-2,06
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-138,776	-138,77
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,572	-10,57
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,325	-7,32
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,288	-6,28
28-Nov-22	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-6,165	-6,16
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-19,893	-19,89
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-7,865	-7,86
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-19,404	-19,40
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-17,449	-17,44
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-14,808	-14,80
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-9,938	-9,93
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-20,859	-20,85
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-7,734	-7,73
	National Association	•					-23,59
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-23,596	,
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-44,785	-44,78
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-90,454	-90,48
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,069	-3,06
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-40,284	-40,28
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,809	-17,80
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-19,010	-19,01
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-20,342	-20,34
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-9,089	-9,08
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,053	-4,05
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-372,200	-372,20
28-Nov-22	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-34,633	-34,63
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-12,135	-12,13

Date of Change	Person whose relevant interest changed		ture of change (6) / ration given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-135,112	-135,11
28-Nov-22	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-2,486	-2,48
28-Nov-22	Limited BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-39,610	-39,61
28-Nov-22	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-14,022	-14,02
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-1,774	-1,77
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-2,682	-2,68
28-Nov-22	Limited BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-38,747	-38,74
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-319	-31
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-2,729	-2,72
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-17,284	-17,28
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-17,572	-17,5
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-28,750	-28,75
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-12,413	-12,4
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-5,935	-5,93
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-29,486	-29,48
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-32,392	-32,3
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-31,127	-31,1
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-34,893	-34,8
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-37,232	-37,2
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-37,477	-37,4
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-44,306	-44,3
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-47,119	-47,1
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-47,574	-47,5
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-48,529	-48,5
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-50,171	-50,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-51,313	-51,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-51,866	-51,8
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-53,448	-53,4
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-54,844	-54,8
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-55,365	-55,3
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-57,664	-57,0
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-58,658	-58,0
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-59,481	-59,4
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-62,041	-62,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-68,926	-68,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-70,811	-70,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-69,268	-69,2
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-70,850	-70,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-71,882	-71,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-75,886	-75,
28-Nov-22	BLACKROCK ADVISORS LLC	in specie	n/a	AUD	ORD	-77,483	-77,
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-20,907	-20,
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-15,834	-15,8
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-47,025	-47,0
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-9,366	-9,3
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-37,024	-37,0
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-11,609	-11,6
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-30,332	-30,3
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-57,354	-57,3
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-60,231	-60,2
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-64,667	-64,6
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-65,707	-65,7
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-83,838	-83,8
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-76,558	-76,5

Date of Change	Person whose relevant interest changed		ture of change (6) / ration given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-86,019	-86,019
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-46,893	-46,893
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-57,580	-57,580
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-97,134	-97,134
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-94,635	-94,63
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-102,856	-102,85
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-104,956	-104,95
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-114,007	-114,00
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-149,924	-149,924
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-165,197	-165,19
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-125,940	-125,94
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-165,021	-165,02
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-167,793	-167,79
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-193,670	-193,67
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-196,360	-196,36
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-342,012	-342,01
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-214,797	-214,79
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-377,822	-377,82
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-64,173	-64,17
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-569,947	-569,94
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-586,351	-586,35
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,018	-3,01
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-24,449	-24,44
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-70,609	-70,60
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-33,852	-33,852
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-28,980	-28,980
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-21,194	-21,194
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-19,947	-19,94
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-33,553	-33,55
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-31,165	-31,16
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-175,031	-175,03
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,977	-3,97
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-325	-32
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-77,982	-77,982
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,852	-7,852
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-17,609	-17,609
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-27,435	-27,43
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-27,913	-27,913
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-27,912	-27,912

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / n given in relation to nange (7)	ССҮ	Class and securities	number of affected	Person's votes affected
28-Nov-22	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-134,080	-134,08
28-Nov-22	National Association BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-52,244	-52,24
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-409	-40
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-22,569	-22,56
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-16,663	-16,66
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-29,213	-29,21
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-40,626	-40,62
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-31,975	-31,97
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-41,559	-41,55
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-25,441	-25,44
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-41,821	-41,82
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-41,886	-41,88
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-42,274	-42,27
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-42,964	-42,96
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-43,544	-43,54
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-44,995	-44,9
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-45,930	-45,9
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-49,988	-49,9
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-61,430	-61,4
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-64,385	-64,3
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-50,480	-50,4
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-64,509	-64,5
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-110,339	-110,3
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-85,834	-85,8
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-81,730	-81,7
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-157,775	-157,7
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-160,459	-160,4
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-28,718	-28,7
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-30,268	-30,2
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-31,637	-31,6
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-31,752	-31,7
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-4,199	-4,1
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-36,398	-36,3
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-34,480	-34,4
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-48,300	-48,3
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-39,873	-39,8
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-29,962	-29,9

Date of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Asset Management Canada	in specie	n/a	AUD	ORD	-46,275	-46,27
28-Nov-22	Limited BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-45,656	-45,65
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-49,297	-49,29
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-36,932	-36,93
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-17,975	-17,97
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-50,856	-50,85
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-53,619	-53,61
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-52,394	-52,39
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-56,239	-56,23
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-58,313	-58,31
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-57,408	-57,40
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-61,083	-61,08
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-61,384	-61,38
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-63,560	-63,56
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-98,318	-98,31
28-Nov-22	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-389,060	-389,06
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,890	-1,89
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,340	-11,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,577	-2,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,890	-1,89
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,780	-3,78
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD AUD	ORD ORD	-3,780 -4,726	-3,78 -4,72
28-Nov-22	BlackRock Fund Advisors	in specie in specie		AUD	ORD	-4,720	-4,72
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-2,363	-2,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,890	-1,89
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,986	-4,98
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,726	-4,72
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,670	-5,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,670	-5,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,670	-5,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,670	-5,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,670	-5,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,448	-6,44
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,089	-7,08
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,089	-7,08
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,726	-4,72
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,560	-7,56
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,726	-4,72
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	-7,560	-7,56
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-9,450 -9,450	-9,45
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-9,450	-9,43
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,672	-9,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,537	-9,53
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,672	-9,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,672	-9,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,672	-9,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,780	-3,78
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,516	-6,51
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,972	-9,97
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,310	-10,31
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,310	-10,31
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,326	-10,32
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,620	-10,62
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,057	-11,05
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,318	-10,31
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,670	-5,67

ate of Change	Person whose relevant interest changed	Nature of Consideration g char	CCY	Class and securitie	Person's votes affected		
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,668	-10,66
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-436,050	-436,05
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-211,904	-211,90
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-128,875	-128,87
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-95,370	-95,37
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-468,541	-468,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,102,249	-1,102,24
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-85,364	-85,36
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70,720	-70,72
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD AUD	ORD ORD	-69,153 -65,750	-69,15 -65,75
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-59,964	-59,96
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-55,507	-55,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-53,100	-53,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-52,368	-52,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39,623	-39,62
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-36,925	-36,92
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-36,120	-36,12
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35,343	-35,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,832	-32,83
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,550	-32,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,448	-32,44
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,430	-32,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,240	-32,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,130	-32,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,130	-32,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,100	-32,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,790	-31,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,790	-31,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,390	-31,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,390	-31,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,356	-28,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,611	-28,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,356	-28,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,251	-28,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,251	-28,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,020	-27,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,475	-26,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,270	-26,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,792	-25,79
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,055	-26,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,432	-25,4
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,432	-25,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,112	-25,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,112	-25,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,630	-23,6
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,491	-22,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,620	-21,6
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,437	-22,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,188	-21,1
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,020	-21,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,848	-20,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,844	-20,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,620	-20,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,904	-18,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,583	-20,5
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,904	-18,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,904	-18,9
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,904	-18,9
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	-17,451 -11,646	-17,4 -11,6
		in specie	n/a n/a	AUD	ORD	-11,646 -17,010	-11,6 -17,0
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie		AUD	ORD		-17,0 -16,5
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-16,541 -16,541	-16,5
	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-16,541 -16,362	-16,5 -16,3
	BlackRock Fund Advisors	•			ORD		-16,3 -16,1
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD	-16,120 -16,065	-16,1 -16,0
	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-16,065 -15,984	-16,0 -15,9
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a		ORD	-15,984 -17,010	-15,9 -17,0
	BlackRock Fund Advisors	in specie	n/a n/a	AUD AUD	ORD	-17,010 -18,904	-17,0 -18,9
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,904	-18,9
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,489	-15,4
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,958	-14,9
28-Nov-22		in specie	n/a	AUD	ORD	-13,208	-13,2

ate of Change	Person whose relevant interest changed	Consideration g	change (6) / given in relation to nge (7)	ССҮ	Class and r securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,896	-12,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12.852	-12,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,486	-15,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,120	-15,1
		•				· · ·	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,852	-12,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,852	-12,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,489	-15,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,895	-15,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,840	-11,8
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-4,129	-4,1
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-26,881	-26,8
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-15,034	-15,0
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-21,774	-21,7
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-74,724	-74,7
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,876	-12,8
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,080	-12,0
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-20,471	-20,4
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-7,389	-7,3
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-28,453	-28,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,405	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,290	-11,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,405	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,326	-2,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,405	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,405	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,438	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,294	-2,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,163	-1,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,405	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,270	-2,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,441	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,326	-2,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,441	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,459	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,393	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,471	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,459	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,510	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,573	-3,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,524	-4,:
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,540	-4,
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,524	-4,

BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	in specie in specie in specie in specie in specie in specie	change (7) n/a n/a n/a n/a n/a n/a n/a	AUD AUD AUD AUD	ORD ORD ORD	-4,612 -4,628 -4,652	affected -4,612 -4,628
BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie in specie in specie	n/a n/a n/a	AUD			-4,628
BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie in specie	n/a n/a		ORD	-4.652	
BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie	n/a	AUD		.,	-4,652
BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management	•			ORD	-4,652	-4,652
BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie		AUD	ORD	-5,725	-5,72
BlackRock Investment Management		n/a	AUD	ORD	-5,815	-5,81
(**************************************	in specie	n/a	AUD	ORD	-5,730	-5,73
0	in specie	n/a	AUD	ORD	-6,870	-6,87
BlackRock Investment Management	in specie	n/a	AUD	ORD	-6,876	-6,876
BlackRock Investment Management	in specie	n/a	AUD	ORD	-6,918	-6,918
BlackRock Investment Management	in specie	n/a	AUD	ORD	-7,917	-7,91
BlackRock Investment Management	in specie	n/a	AUD	ORD	-7,917	-7,91
BlackRock Investment Management	in specie	n/a	AUD	ORD	-6,876	-6,876
BlackRock Investment Management	in specie	n/a	AUD	ORD	-7,020	-7,020
BlackRock Investment Management	in specie	n/a	AUD	ORD	-8,022	-8,02
BlackRock Investment Management	in specie	n/a	AUD	ORD	-8,029	-8,02
BlackRock Investment Management	in specie	n/a	AUD	ORD	-4,584	-4,584
BlackRock Investment Management	in specie	n/a	AUD	ORD	-10,530	-10,530
BlackRock Investment Management	in specie	n/a	AUD	ORD	-10,981	-10,98
BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,569	-9,56
BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,360	-9,36
BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,320	-9,320
BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,224	-9,224
BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,176	-9,176
BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,168	-9,168
BlackRock Investment Management	in specie	n/a	AUD	ORD	-8,316	-8,316
BlackRock Investment Management	in specie	n/a	AUD	ORD	-6,942	-6,942
BlackRock Investment Management	in specie	n/a	AUD	ORD	-11,460	-11,460
BlackRock Investment Management	in specie	n/a	AUD	ORD	-104,130	-104,130
BlackRock Investment Management	in specie	n/a	AUD	ORD	-108,382	-108,382
BlackRock Investment Management	in specie	n/a	AUD	ORD	-105,300	-105,30
BlackRock Investment Management	in specie	n/a	AUD	ORD	-98,855	-98,85
BlackRock Investment Management	in specie	n/a	AUD	ORD	-93,040	-93,040
BlackRock Investment Management	in specie	n/a	AUD	ORD	-92,240	-92,240
BlackRock Investment Management	in specie	n/a	AUD	ORD	-74,910	-74,910
BlackRock Investment Management	in specie	n/a	AUD	ORD	-58,778	-58,778
· · ·	in specie	n/a	AUD	ORD	-74,880	-74,880
	(Australia) Limited BlackRock Investment Management (Australia) Limited BlackRock Investment Management	BlackRock Investment Management (Australia) Limited in specie BlackRock Investm	BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited in specie n/a BlackRock Investment Management in specie n/a (Australia) Limited <t< td=""><td>BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management</td><td>BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited Inspecie n/a AUD ORD BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited Inspecie n/a AUD ORD Kustralia) Limited Inspecie n/a AUD ORD Kustralia) Limited</td><td>BlackRock investment Management in specie n/a AUD ORD -6,870 Australia) Limited in specie n/a AUD ORD -6,876 Mustralia) Limited in specie n/a AUD ORD -6,876 Mustralia) Limited in specie n/a AUD ORD -7,917 Mustralia) Limited in specie n/a AUD ORD -7,917 Mustralia) Limited in specie n/a AUD ORD -7,917 Mustralia) Limited in specie n/a AUD ORD -7,020 Mustralia) Limited in specie n/a AUD ORD -8,022 Mustralia) Limited in specie n/a AUD ORD -4,584 BlackRock Investment Management in specie n/a AUD ORD -4,584 BlackRock Investment Management in specie n/a AUD ORD -4,584 BlackRock Investment Management in specie n/a AUD ORD -9,589 BlackRock Investment Management in specie n/a</td></t<>	BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management in specie n/a AUD (Australia) Limited in specie n/a AUD BlackRock Investment Management	BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited Inspecie n/a AUD ORD BlackRock investment Management in specie n/a AUD ORD Kustralia) Limited Inspecie n/a AUD ORD Kustralia) Limited Inspecie n/a AUD ORD Kustralia) Limited	BlackRock investment Management in specie n/a AUD ORD -6,870 Australia) Limited in specie n/a AUD ORD -6,876 Mustralia) Limited in specie n/a AUD ORD -6,876 Mustralia) Limited in specie n/a AUD ORD -7,917 Mustralia) Limited in specie n/a AUD ORD -7,917 Mustralia) Limited in specie n/a AUD ORD -7,917 Mustralia) Limited in specie n/a AUD ORD -7,020 Mustralia) Limited in specie n/a AUD ORD -8,022 Mustralia) Limited in specie n/a AUD ORD -4,584 BlackRock Investment Management in specie n/a AUD ORD -4,584 BlackRock Investment Management in specie n/a AUD ORD -4,584 BlackRock Investment Management in specie n/a AUD ORD -9,589 BlackRock Investment Management in specie n/a

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / given in relation to ange (7)	ССҮ	Class and number of securities affected		Person's votes affected
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-41,773	-41,77
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-36,320	-36,32
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-30,645	-30,64
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-28,375	-28,37
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-28,650	-28,65
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-26,611	-26,61
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-25,366	-25,36
28-Nov-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-24,626	-24,62
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-24,423	-24,42
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-24,066	-24,06
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-23,400	-23,40
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-23,260	-23,26
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-22,900	-22,90
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-22,135	-22,13
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-19,295	-19,29
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,445	-17,4
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-17,190	-17,19
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-18,160	-18,16
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-16,674	-16,67
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-16,380	-16,3
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-16,142	-16,14
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-16,380	-16,3
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-15,890	-15,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-15,890	-15,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-15,890	-15,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-15,210	-15,2
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-15,119	-15,1
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-14,755	-14,7
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-14,040	-14,0
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-13,956	-13,9
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-13,620	-13,6
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-12,870	-12,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-13,956	-13,9
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,700	-11,7
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,630	-11,6
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,630	-11,6
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,470	-11,4

Date of Change	Person whose relevant interest changed	Considerati	e of change (6) / on given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,460	-11,460
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-12,870	-12,87
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-219	-21
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-3,136	-3,13
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-5,552	-5,55
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-4,469	-4,46
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-4,311	-4,31
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-4,398	-4,39
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-5,610	-5,61
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-12,153	-12,15
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-8,135	-8,13
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-10,401	-10,40
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-21,948	-21,94
28-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-18,327	-18,32
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-9,547	-9,54
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-6,245	-6,24
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-13,245	-13,24
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-24,503	-24,50
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-18,495	-18,49
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-1,396	-1,39
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-27,513	-27,51
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-27,253	-27,25
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-32,454	-32,45
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-32,725	-32,72
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-34,196	-34,19
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-42,274	-42,27
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-24,347	-24,34
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-39,732	-39,73
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-8,247	-8,24
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-40,697	-40,69
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-47,202	-47,20
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-44,284	-44,28
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-24,570	-24,57
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-49,856	-49,85
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-24,744	-24,74
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-27,985	-27,98
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-67,706	-67,70
201101-22	(Australia) Limited		1./ A	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CILD	01,100	57,70

Date of Change	Person whose relevant interest changed		re of change (6) / tion given in relation to change (7)	ССҮ	Class and number of securities affected		Person's votes affected
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-69,812	-69,8
28-Nov-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-75,597	-75,59
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-102,117	-102,1
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-118,352	-118,3
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-129,746	-129,74
28-Nov-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-137,881	-137,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-171,246	-171,2
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-60,366	-60,3
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-24,969	-24,9
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-56,718	-56,7
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-43,895	-43,8
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-63,749	-63,7
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-59,160	-59,1
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-25,200	-25,2
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,609	-3,6
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-81,592	-81,5
28-Nov-22	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-50,743	-50,7
28-Nov-22	Limited BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-127,691	-127,6
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-36,099	-36,0
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-43,174	-43,7
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-16,279	-16,2
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-20,123	-20,1
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-37,839	-37,8
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-25,565	-25,
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-117,058	-117,0
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-160,799	-160,7
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-43,720	-43,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-863	-8
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,013	-1,(
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,053	-1,0
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,018	-1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,132	-1,
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie	n/a n/a	AUD AUD	ORD ORD	-1,058 -1,053	-1, -1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie in specie	n/a	AUD	ORD	-1,053	-1, -1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,610	-1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,626	-1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,656	-1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,978	-1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,969	-2,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,303	-2,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,727	-3,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,036	-2,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,793	-1,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,120	-2,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,493	-3,4

Date of Change	Person whose relevant interest changed	Consideration	of change (6) / given in relation to ange (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,489	-3,489
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,493	-3,493
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,494	-3,494
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,494	-3,494
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie	n/a n/a	AUD	ORD	-3,495	-3,495 -3,495
28-Nov-22	BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD	-3,495 -3,495	-3,495 -3,495
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,495	-3,495
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,495	-3,495
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-863	-863
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,495	-3,495
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,495	-3,495
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD	-3,497 -3,497	-3,497 -3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,497	-3,497
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,498	-3,498
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,529	-3,529
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,725	-3,725
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,529	-3,529
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,725	-3,725
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,725	-3,725
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,725	-3,725
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,727	-3,727
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-118,763	-118,763
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-110,408	-110,408
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-93,656	-93,656
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-80,154	-80,154
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-32,207	-32,207
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-30,352 -26,250	-30,352 -26,250
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-28,090	-28,090
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-24,408	-24,408
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-20,982	-20,982
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-20,435	-20,435
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-19,456	-19,456
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-18,635	-18,635
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-18,625	-18,625
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-17,465	-17,465
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-13,980	-13,980
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-12,207	-12,207
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-12,204	-12,204
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-12,144 -10,488	-12,144 -10,488
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,485	-10,485
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-16,308	-16,308
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,300	-10,300
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,479	-10,479
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,479	-10,479
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,078	-9,078
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,154	-8,154
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,154	-8,154
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,138	-8,138
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,134	-8,134
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,134	-8,134
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,986	-7,986
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,516	-7,516
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,516	-7,516
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD ORD	-7,454 -7,454	-7,454 -7,454
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a n/a	AUD	ORD	-7,454	-7,454 -7,450
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,996	-6,996
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,994	-6,994
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,994	-6,994
	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,994	-6,994

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	ССҮ	Class and r securities		Person' votes affected
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,994	-6,9
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,990	-6,9
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,900	-4,9
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,978	-6,9
		•					
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,504	-4,5
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,463	-4,4
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,335	-4,3
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,335	-4,3
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,335	-4,3
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,107	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,087	-4,0
	. ,					,	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,076	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,076	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,069	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,069	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,069	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,069	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,067	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,067	-4,
						,	,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,067	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,067	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,991	-3,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,076	-4
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,069	-4,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,075	-4
					ORD		
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD		-3,767	-3,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,793	-3
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,766	-3
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,758	-3,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,750	-3
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-33	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,729	-3,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,728	-3,
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,728	-3
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-99,847	-99
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie		AUD	ORD		-99
	(Australia) Limited		n/a			-99,191	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-59,558	-59
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-45,406	-45
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-35,884	-35
20 Nov 00	(Australia) Limited	in onceie	-1-		000	04 040	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-31,919	-31
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-22,937	-22
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-60,231	-60
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-21,803	-21
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-21,387	-21
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-20,080	-20
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-19,683	-19
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-19,235	-19
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-13,433	-13
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-12,225	-12
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,960	-11
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-10,097	-10
28-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ORD	-7,267	-7

ate of Change	Person whose relevant interest changed	Consideration	f change (6) / given in relation to ange (7)	ССҮ	Class and r securities		Person's votes affected	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-4,502	-4,50	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,410	-3,41	
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,050	-5,05	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,51	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,51	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,51	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,354	-1,35	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5 -1,5	
28-Nov-22	. ,		n/a	AUD	ORD	-1,512	-1,5 -1,5	
	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie			ORD			
28-Nov-22	· · · ·	in specie	n/a	AUD		-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
	BlackRock Advisors (UK) Limited	•	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	()	in specie						
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,512	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,568	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,568	-1,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,006	-3,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-52,920	-52,9	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-49,896	-49,8	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-37,800	-37,8	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-20,397	-20,3	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-20,397	-20,3	
	. ,							
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,072	-9,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,048	-6,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,048	-6,0	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,560	-7,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	
			17/C	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4,000		
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,5	

Date of Change	Person whose relevant interest changed	Consideration	[:] change (6) / given in relation to nge (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,53
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,53
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,536	-4,53
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,024	-3,0
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-127,242	-127,2
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-110,900	-110,9
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-50,722	-50,7
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-59,235	-59,2
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-11,390	-11,3
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-129,563	-129,5
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-43,188	-43, ´
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-28,559	-28,5
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-8,662	-8,6
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-148,172	-148,7
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-134,136	-134,1
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-155,901	-155,9
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-163,212	-163,2
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-165,699	-165,6
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-164,827	-164,8
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-169,296	-169,2
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-174,066	-174,0
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-183,401	-183,4
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-181,020	-181,0
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-172,744	-172,7
28-Nov-22	BlackRock Investment Management (UK) Limited	•	n/a	AUD	ORD	-182,497	-182,4
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-199,426	-199,4
	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-290,289	-290,2
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-255,508	-255,5

Date of Change	Person whose relevant interest changed		ure of change (6) / ation given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-326,770	-326,77
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-702,942	-702,94
28-Nov-22	BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-152,445	-152,44
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-152,160	-152,16
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-213,211	-213,21
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-144,330	-144,33
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-168,925	-168,92
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-182,513	-182,51
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-169,038	-169,03
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-136,433	-136,43
28-Nov-22	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-157,652	-157,65
28-Nov-22	Limited BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-14,192	-14,19
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-34,922	-34,92
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-47,132	-47,13
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-13,414	-13,41
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-1,473	-1,47
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-9,701	-9,70
28-Nov-22	National Association BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-196,598	-196,59
28-Nov-22	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,132	-1,13
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,132	-1,13
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-564	-50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,368	-1,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,160	-3,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,530	-1,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,520	-1,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,195	-1,19
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,540	-1,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,540	-1,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,610	-1,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,688	-1,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,520	-1,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,955	-1,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,800	-1,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,975	-1,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,148	-2,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,536	-1,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,610	-1,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,208	-2,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,216	-2,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,274	-2,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,304	-2,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,420	-2,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,540	-1,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,604	-2,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,650	-2,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,660	-2,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,662	-2,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,696	-2,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,702	-2,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,736	-2,7
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,736	-2,7
28-Nov-22			11/d	700		-2,100	-2,1
28-Nov-22			n/o		UDU	2 760	ر ر
28-Nov-22 28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-2,760 -2,808	-2,7 -2,8

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to nge (7)	ССҮ	Class and r securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,840	-2,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,904	-2,90
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,922	-2,92
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,990	-2,99
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,010	-3,01
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,072	-3,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,055	-3,05
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,078	-3,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,160	-3,16
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,146	-3,14
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-48,303	-48,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-46,446	-46,44
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-34,856	-34,85
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,180	-3,18
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,514	-21,51
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,950	-22,95
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,454	-26,45
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,148	-20,14
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,836	-19,83
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,374	-19,37
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,700	-16,70
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,134	-15,13
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,050	-15,05
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,048	-15,04
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,960	-14,96
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,000	-17,00
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,727	-14,72
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,479	-14,47
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,208	-14,20
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,098	-14,09
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,065	-14,06
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,042	-14,04
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,387	-14,38
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,065	-13,06
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,204	-12,20
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,822	-11,82
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,910	-11,92
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,850	-11,85
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,690	-11,69
	BlackRock Fund Advisors				ORD		-11,08
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-3,280 -11,286	-3,20
28-Nov-22		in specie			ORD		
	BlackRock Fund Advisors	in specie	n/a	AUD		-11,154	-11,15
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,040	-11,04
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,740	-10,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,261	-10,26
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,930	-9,93
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,925	-9,92
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,925	-9,92
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,823	-9,82
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,693	-9,69
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,672	-9,67
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,665	-10,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,666	-9,60
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,016	-9,01
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,762	-8,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,576	-8,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,310	-8,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,525	-8,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,950	-7,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,475	-9,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,940	-7,94
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,840	-7,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,640	-7,64
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,520	-7,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,475	-7,47
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,414	-7,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,285	-7,28
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,820	-6,82
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,800	-6,80
						-0.000	

RGN

Date of Change	Person whose relevant interest changed	Consideration	f change (6) / given in relation to inge (7)	ССҮ	Class and n securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,720	-6,720
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,720	-6,720
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,675	-6,675
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,580	-6,580
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD AUD	ORD ORD	-6,192	-6,192 -6,174
28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-6,174 -6,174	-6,174
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-6,102	-6,102
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,138	-6,138
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,084	-6,084
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,072	-6,072
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,976	-5,976
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,020	-6,020
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,925	-5,925
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,925	-5,925
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,780	-5,780
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,760	-5,760
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,520	-5,520
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,520	-5,520
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,472	-5,472
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,472	-5,472
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD AUD	ORD	-5,382 -6,640	-5,382 -6,640
28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-6,640	-6,640
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,360	-5,360
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-5,360	-5,360
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-5,360	-5,360
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,344	-5,344
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,340	-5,340
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,340	-5,340
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,340	-5,340
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,320	-5,320
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,300	-5,300
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,324	-3,324
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,290	-5,290
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,680	-5,680
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,928	-5,928
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,992	-4,992
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,246	-5,246
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,968	-4,968
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,935	-4,935
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,840	-4,840
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-4,840 -4,764	-4,840 -4,764
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-4,704	-4,704
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,608	-4,608
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,600	-4,600
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,416	-4,416
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,500	-4,500
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,980	-4,980
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,230	-4,230
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,740	-4,740
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,140	-4,140
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,140	-4,140
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,128	-4,128
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,140	-4,140
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,126	-4,126
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,005	-4,005
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,996	-3,996
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,990	-3,990
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,970	-3,970
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,080	-4,080
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,950	-3,950
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD AUD	ORD ORD	-3,920	-3,920
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-3,913 -3,751	-3,913 -3,751
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-3,751	-3,751 -3,360
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,500	-3,300
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,619	-3,619
		00000	17.0		010	0,010	0,010

Date of Change	Person whose relevant interest changed	Consideration	[:] change (6) / given in relation to nge (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,573	-3,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,537	-3,53
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,528	-3,52
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,680	-3,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,400	-3,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,740	-3,74
28-Nov-22	BlackRock Investment Management (UK)	in specie		AUD	ORD	-377	-37
	Limited						
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-5,779	-5,77
28-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-3,029	-3,02
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-690	-69
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-782	-78
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-801	-80
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-865	-86
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-841	-84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-842	-84
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-842	-84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-865	-86
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,336	-3,33
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,560	-1,56
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,642	-1,64
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,560	-1,56
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,618	-1,61
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,667	-1,66
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,456	-1,45
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,668	-1,66
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,672	-1,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,684	-1,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,730	-1,73
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,730	-1,73
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,734	-1,73
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,848	-1,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,824	-1,82
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,020	-2,02
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-1,994	-1,99
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,260	-2,26
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,502	-2,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,448	-2,44
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,508	-2,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,502	-2,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,523	-2,52
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,526	-2,52
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,526	-2,52
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,526	-2,52
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,595	-2,59
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,595	-2,59
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,745	-2,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,805	-2,80
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,805	-2,80
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,236	-3,23
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,030	-3,03
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,336	-3,3
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-3,336	-3,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-118,137	-118,13
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-110,262	-110,20
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-80,510	-80,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,336	-3,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70,700	-70,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,399	-41,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-40,416	-40,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-38,548	-38,54
28-Nov-22	BlackRock Fund Advisors	•		AUD	ORD	-38,548	-38,54
		in specie					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-38,548	-38,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-38,548	-38,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-36,480	-36,48
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-33,022	-33,02
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,824	-31,82
28-Nov-22	DIACKROCK FULLY AUVISOLS		11/2	AUD	UND	-31.024	

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ıge (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,637	-27,63
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,095	-25,09
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,348	-26,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,604	-25,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,085	-25,08
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,235	-24,23
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,100	-22,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,678	-24,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,570	-20,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,300	-20,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,486	-19,48
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,622	-17,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,067	-17,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,328	-17,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,034	-17,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,941	-15,94
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,895	-15,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,553	-15,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,546	-15,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,592	-14,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,592	-14,5
28-Nov-22 28-Nov-22	BlackRock Fund Advisors		n/a	AUD	ORD	-14,592	-14,5
		in specie					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,130	-13,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,975	-12,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,614	-12,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,340	-12,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,180	-12,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,155	-12,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,024	-12,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,024	-12,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,971	-11,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,676	-11,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,280	-11,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,110	-11,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,130	-13,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,515	-13,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,680	-13,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,903	-10,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,812	-10,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,012	-10,0
28-Nov-22	BlackRock Fund Advisors		n/a	AUD	ORD	-10,130	-10,1
		in specie		AUD	ORD		-10,9
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a			-3,344	
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,100	-10,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,812	-10,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,100	-10,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,100	-10,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,032	-10,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,020	-10,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,970	-9,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,700	-9,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,600	-9,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,174	-9,
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,120	-9, 2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,090	-9,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,018	-9,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,010	-9,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,650	-8,
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,640	-8,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,410	-8,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,340	-0,4
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,340	-o,. -8,
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,080	-8,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,080	-8,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,018	-9,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,090	-9,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,016	-8,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,016	-8,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,016	-8,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,976	-7,9
							,-

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ıge (7)	CCY	Class and r securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,760	-7,76
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,760	-7,76
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,680	-7,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,680	-7,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,680	-7,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,656	-7,65
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,506	-7,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,506	-7,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,480	-7,48
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,480	-7,48
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,344	-3,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,368	-7,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,368	-7,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,296	-7,29
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,312	-7,3
28-Nov-22	BlackRock Fund Advisors	•	n/a	AUD	ORD	-7,208	-7,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,208	-7,20
		in specie					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,105	-7,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,070	-7,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,070	-7,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,070	-7,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,070	-7,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,014	-7,01
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,720	-6,72
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,688	-6,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,545	-6,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,070	-7,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,06
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,00
28-Nov-22	BlackRock Fund Advisors	•	n/a	AUD	ORD		-6,0
		in specie				-6,024	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,054	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,012	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,838	-5,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,820	-5,82
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,820	-5,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,760	-5,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,760	-5,70
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,014	-7,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,646	-5,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,610	-5,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,982	-5,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,472	-5,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,472	-5,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,406	-5,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,526	-5,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,090	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,052	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,352	-3,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,050	-5,0
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,050	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,050	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,028	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,016	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,016	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,004	-5,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,985	-4,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,815	-4,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,765	-4,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,765	-4,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,985	-4,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,214	-4,5
	BlackRock Fund Advisors						-4,6
28-Nov-22	RIACKROCK FIING MAMEORE	in specie	n/a	AUD	ORD	-4,675	

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ıge (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,675	-4,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,675	-4,67
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,570	-4,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,560	-4,56
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,214	-5,21
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,345	-4,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,345	-4,34
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,325	-4,32
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,352	-3,35
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,325	-4,32
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,210	-4,21
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,205	-4,20
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,195	-4,19
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,170	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,170	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,170	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,170	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,170	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,170	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,064	-4,06
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,060	-4,06
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,040	-4,04
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,040	-4,04
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,040	-4,04
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,356	-3,35
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,040	-4,04
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,705	-4,70
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,840	-3,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,840	-3,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,840	-3,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,840	-3,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,740	-3,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,740	-3,74
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD AUD	ORD ORD	-3,740	-3,74 -3,64
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,648	-3,64 -3,47
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,476	-3,47
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,476 -3,368	-3,47
28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-3,368	-3,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,016	-4,01
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,840	-3,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,364	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,356	-3,35
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,656	-3,65
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,740	-3,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,368	-3,36
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-77,757	-77,75
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-66,279	-66,27
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-25,409	-25,40
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-75,026	-75,02
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-99,215	-99,21
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-76,272	-76,27
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-74,750	-74,75
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-11,794	-11,79
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-100,034	-100,03
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-104,554	-104,55
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-64,492	-64,49
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-104,619	-104,61
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-104,569	-104,56
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-108,525	-108,52
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-110,886	-110,88
							- ,

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,620	-7,620
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,068	-5,068
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,136	-7,136
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,620	-7,620
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,694	-7,694
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,705	-7,705
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD	-1,198 -8,490	-1,198 -8,490
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,795	-4,795
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,192	-7,192
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,213	-7,213
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,688	-7,688
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,726	-7,726
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,747	-7,747
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,791	-7,791
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,827	-7,827
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,828	-7,828
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,831	-7,831
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,917	-7,917
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,918	-7,918
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,918	-7,918
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD AUD	ORD	-7,915 -7,940	-7,915
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,940	-7,940
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,948	-7,948
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,228	-8,228
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,162	-8,162
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,005	-8,005
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,228	-8,228
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,238	-8,238
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,264	-8,264
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,244	-8,244
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,277	-8,277
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,318	-8,318
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,309	-8,309
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,328	-8,328
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,332	-8,332
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD	ORD ORD	-8,335 -8,332	-8,335
28-Nov-22	BlackRock Advisors (UK) Limited	in specie		AUD	ORD	-8,340	-8,340
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,348	-8,348
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,343	-8,343
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,450	-8,450
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,450	-8,450
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,485	-8,485
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,483	-8,483
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-339,200	-339,200
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-127,410	-127,410
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-120,510	-120,510
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-100,644	-100,644
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-98,901	-98,901
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-68,998	-68,998
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie in specie	n/a n/a	AUD AUD	ORD ORD	-69,560 -64,869	-69,560
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-50,136	-50,136
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-47,478	-47,478
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-46,335	-46,335
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-33,460	-33,460
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-32,796	-32,796
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-32,700	-32,700
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-32,008	-32,008
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-29,605	-29,605
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-24,879	-24,879
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-24,249	-24,249
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-23,064	-23,064
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-17,744	-17,744
28-Nov-22 28-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	in specie	n/a n/a	AUD AUD	ORD ORD	-17,100 -16,976	-17,100 -16,976
20-1107-22	Diaoni toon Auvisors (UN) LIIIIILEU	in specie	n/d	700		-10,970	-10,970
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-16,920	-16,920

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / jiven in relation to nge (7)	CCY	Class and securities		Person's votes affected
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-16,784	-16,78
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-16,656	-16,65
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-16,378	-16,37
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-15,468	-15,46
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-15,456	-15,45
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-15,386	-15,38
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-14,390	-14,39
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,281	-9,28
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,137	-9,13
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-41,205	-41,20
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,135	-9,1
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,118	-9,1
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,508	-8,5
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,066	-9,0
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,503	-8,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,220	-1,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-405	-4(
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-403	-4
-	BlackRock Fund Advisors	in specie					-0 -6
28-Nov-22			n/a	AUD	ORD	-610	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,132	-1,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,220	-1,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-125,002	-125,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-185,740	-185,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-113,655	-113,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-112,771	-112,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-101,941	-101,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-101,822	-101,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-97,420	-97,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-97,416	-97,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-88,526	-88,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-88,418	-88,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-78,408	-78,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-74,039	-74,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-71,368	-71,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-58,080	-58,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-57,986	-57,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-57,340	-57,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-56,827	-56,8
	BlackRock Fund Advisors	in specie		AUD			
28-Nov-22			n/a		ORD	-56,247	-56,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-55,834	-55,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-55,350	-55,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-55,291	-55,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-55,099	-55,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-51,870	-51,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-50,760	-50,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-50,445	-50,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-48,544	-48,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-45,101	-45,1
28-Nov-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-8,505	-8,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-43,866	-43,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-43,613	-43,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-42,112	-42,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,769	-41,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,595	-41,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,250	-41,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,082	-41,0
		•		AUD	ORD		
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-36,040 -34,998	-36,0
		•					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-33,800	-33,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,950	-32,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,616	-32,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,025	-32,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,326	-1,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,500	-31,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,045	-31,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,425	-30,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,000	-30,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,000	-30,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-29,916	-29,9

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ıge (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-29,400	-29,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-29,337	-29,33
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-33,326	-33,32
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,941	-28,94
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,930	-27,93
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,930	-27,93
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,610	-27,61
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,578	-28,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,590	-27,59
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,545	-27,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,488	-27,48
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-30,315	-30,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,158	-27,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,150	-27,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,000	-27,00
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,910	-26,91
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,850	-26,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,610	-26,62
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,520	-26,52
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,520	-26,52
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,400	-26,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,250	-26,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,500	-1,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,380	-25,38
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,780	-24,78
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,675	-24,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,675	-24,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,165	-24,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,000	-24,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,868	-24,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,205	-23,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,050	-23,0
	BlackRock Fund Advisors	•	n/a	AUD	ORD		
28-Nov-22	BlackRock Fund Advisors	in specie				-22,560	-22,50
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,140	-22,14
28-Nov-22		in specie	n/a	AUD	ORD	-21,750	-21,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,750	-21,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,675	-21,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,298	-21,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,150	-21,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-21,150	-21,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,300	-24,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,975	-20,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,920	-24,92
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,610	-20,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,664	-20,66
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,926	-19,93
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,890	-19,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,580	-19,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,890	-19,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,084	-19,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,929	-18,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,750	-18,7
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,564	-18,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,450	-18,4
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,220	-18,2
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,120	-18,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,000	-18,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,901	-17,9
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,820	-17,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,820	-17,8
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,760	-17,7
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,540	-17,7
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,540	-17,5
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,540	-17,5
		•		AUD	ORD		
28-Nov-22	BlackRock Fund Advisors	in specie	n/a			-17,309	-17,3
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,300	-17,3
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-16,967	-16,96
00 11 00		In specie	n/a	AUD	ORD	-16,620	-16,62
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,575	-16,5

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ıge (7)	ССҮ	Class and securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,575	-16,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,575	-16,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,450	-16,45
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,912	-15,91
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,540	-1,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,249	-15,24
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,700	-14,70
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,760	-14,76
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,760	-14,76
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,680	-14,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,250	-14,25
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,240	-14,24
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,760	-14,76
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,100	-14,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,750	-15,75
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,818	-13,81
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,740	-13,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,568	-13,56
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,365	-13,36
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,284	-13,28
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,260	-13,26
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,350	-13,35
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,260	-13,26
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,260	-13,26
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,005	-13,00
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,980	-12,98
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,915	-12,91
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,810	-12,81
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,720	-12,72
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,980	-12,98
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,690	-12,69
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,260	-13,26
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,848	-1,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,259	-12,25
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,844	-11,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,843	-11,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,401	-11,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,030	-12,03
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,196	-11,19
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,070	-11,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,010	-11,01
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,150	-12,15
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,010	-11,01
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,010	-11,01
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,808	-11,80
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,583	-11,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,070	-11,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,846	-10,84
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,816	-10,81
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,740	-10,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,740	-10,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,728	-10,72
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,680	-10,68
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,668	-10,66
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,632	-10,63
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,608	-10,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,608	-10,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,690	-12,69
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,575	-10,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,857	-1,85
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,575	-10,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,575	-10,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,575	-10,57
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,276	-10,27
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,155	-10,15
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,104	-10,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,080	-10,08
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-10,08
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,575	-10,57
		00000	11/04	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		10.010	10,01

Date of Change	Person whose relevant interest changed	Consideratio	of change (6) / n given in relation to hange (7)	ССҮ	Class and n securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22 28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-9,945 -9,945	-9,945 -9,945
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,930	-9,930
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,915	-9,915
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,870	-9,870
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,870	-9,870
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,870	-9,870
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,760	-9,760
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-9,760	-9,760 -9,750
28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-9,750 -9,648	-9,750
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,870	-9,870
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,570	-9,570
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,540	-9,540
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,945	-9,945
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,100	-2,100
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,361	-9,361
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-9,345 -9,212	-9,345 -9,212
28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-9,212	-9,212
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,006	-9,006
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,845	-9,845
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,000	-9,000
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,856	-8,856
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,910	-8,910
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,856	-8,856
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,850	-8,850
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,770	-8,770
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD ORD	-8,770 -8,730	-8,770 -8,730
28-Nov-22	BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	-8,730	-8,680
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD	-8,680	-8,680
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,630	-8,630
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,630	-8,630
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,619	-8,619
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,619	-8,619
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,600	-8,600
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,554	-8,554
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,554	-8,554
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,460	-8,460
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD ORD	-2,135 -8,460	-2,135 -8,460
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,327	-8,400
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,294	-8,294
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,283	-8,283
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,199	-8,199
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,235	-8,235
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,063	-8,063
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,956	-7,956
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,956	-7,956
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,956	-7,956
28-Nov-22 28-Nov-22	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	-7,956 -7,896	-7,956 -7,896
28-Nov-22	BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-7,896 -8,615	-7,896 -8,615
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,896	-7,896
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,896	-7,896
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,896	-7,896
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,767	-7,767
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,713	-7,713
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,656	-7,656
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,625	-7,625
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,428	-7,4

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ıge (7)	ССҮ	Class and n securities		Person's votes affected
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,380	-7,38
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,326	-7,32
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,302	-7,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,293	-7,29
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,293	-7,29
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,073	-7,07
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,370	-7,37
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,050	-7,05
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,936	-6,93
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,870	-6,87
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,370	-7,37
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,838	-6,83
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,050	-7,05
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,648	-6,64
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,710	-6,71
28-Nov-22	BlackRock Fund Advisors	•	n/a	AUD	ORD	-6,630	-6,63
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,776	-0,03
		in specie					
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,630	-6,63
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,580	-6,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,630	-6,63
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,440	-2,44
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,580	-6,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,402	-6,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,530	-6,53
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,380	-6,38
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,550	-6,55
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,580	-6,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,580	-6,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,580	-6,5
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,380	-6,38
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,380	-6,38
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,335	-6,33
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,000	-6,00
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,100	-6,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,000	-6,00
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,864	-5,86
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD		-5,92
						-5,922	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,202	-6,20
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,852	-5,85
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,100	-6,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,795	-5,79
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,628	-5,62
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,585	-5,58
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,544	-5,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,544	-5,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,490	-5,49
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,544	-5,54
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,490	-5,49
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,490	-5,49
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,490	-5,49
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,742	-5,74
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,490	-5,49
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,304	-5,30
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,264	-5,20
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,236	-5,2
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,230	-5,2
		•					-
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,185	-5,1
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,000	-6,0
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,185	-5,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,166	-5,1
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,104	-5,10
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,620	-4,62
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,620	-4,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,606	-4,60
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,606	-4,6
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,466	-4,40
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,175	-4,17
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,230	-4,23
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,230	-4,20

ate of Change	Person whose relevant interest changed	Consideratio	of change (6) / n given in relation to hange (7)	ССҮ	Class and number of securities affected		Person's votes affected	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,660	-3,66	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,954	-3,95	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,373	-3,37	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,315	-3,31	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,315	-3,31	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,315	-3,31	
28-Nov-22	BlackRock Fund Advisors			AUD	ORD	-3,290	-3,29	
	BlackRock Fund Advisors	in specie						
28-Nov-22		in specie	n/a	AUD	ORD	-3,280	-3,28	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,200	-3,20	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,190	-3,19	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,200	-3,20	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,190	-3,19	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,095	-3,09	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,528	-2,52	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,070	-3,07	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,095	-3,09	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,050	-3,05	
28-Nov-22	BlackRock Fund Advisors	in specie		AUD	ORD		-3,00	
						-3,000		
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,936	-2,93	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,920	-2,92	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,636	-2,63	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,652	-2,65	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,632	-2,63	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,560	-2,56	
28-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,745	-2,74	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,914	-2,91	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,279	-1,27	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,038	-3,03	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,038	-3,03	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,061	-3,06	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,130	-3,13	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,708	-1,70	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-57	-5	
28-Nov-22 28-Nov-22	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	in specie in specie	n/a n/a	AUD	ORD	-1,767	-1,76	
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-5,014	-2,04	
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-5,779	-5,77	
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-3,037	-3,03	
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-3,746	-3,74	
28-Nov-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ORD	-3,839	-3,83	
28-Nov-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-6,074	-6,07	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-6,260	-6,26	
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-13,785	-13,78	
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,373	-7,37	
28-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,175	-10,17	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-1,947	-1,94	
28-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-35,980	-35,98	
	BlackRock Investment Management	in specie	n/a	AUD	ORD	-2,713	-2,71	
28-Nov-22 28-Nov-22	(Australia) Limited BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-884	-88	

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
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-1,076	-1,07
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-2,913	-2,91
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-884	-88-
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-604	-60
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-2,728	-2,72
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-3,090	-3,09
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-3,107	-3,10
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-4,091	-4,09
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-1,527	-1,52
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-4,316	-4,31
28-Nov-22	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-4,497	-4,49
28-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.76	AUD	ORD	354,993	354,99
28-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-149,299	-149,29
29-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.77	AUD	ORD	520,053	520,05
29-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.74	AUD	ORD	9,032	9,03
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.76	AUD	ORD	-4,883	-4,88
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.77	AUD	ORD	4,871	4,87
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.77	AUD	ORD	61,086	61,08
01-Dec-22	BlackRock Fund Advisors	on mkt buy	2.77	AUD	ORD	54,387	54,38
02-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.72	AUD	ORD	10,773	10,77
02-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.72	AUD	ORD	5,995	5,99
02-Dec-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-8,766	-8,76
02-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	68,199	68,19
03-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-68,199	-68,19
05-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	68,199	68,19
06-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	2.70	AUD	ORD	-39,515	-39,51
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.70	AUD	ORD	7,132	7,13
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.70	AUD	ORD	4,713	4,71
08-Dec-22	BlackRock Fund Advisors	on mkt buy	2.70	AUD	ORD	55,259	55,25
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-14,252	-14,25
12-Dec-22 13-Dec-22	BlackRock Fund Advisors BlackRock Investment Management (Australia) Limited	on mkt buy on mkt sell	2.72 2.71	AUD AUD	ORD ORD	27,380 -38,494	27,38 -38,49
14-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,655	4,65
14-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,724	3,72
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.81	AUD	ORD	6,774	6,77
15-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	233,772	233,77
15-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	2.79	AUD	ORD	-10,517	-10,51
15-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.79	AUD	ORD	-24,081	-24,08
15-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,151	-62,15
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.78	AUD	ORD	199,953	199,95
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,870	4,87
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39,650	-39,65
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	14,406	14,40
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	279	27
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	42,941	42,94
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	35,664	35,66
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	106 286	106.28
16-Dec-22 16-Dec-22	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	on mkt buy on mkt buy	2.80	AUD	ORD	106,286	106,28
16-Dec-22	Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	9,622	9,62
10-060-22	(Australia) Limited	on niki buy	2.00	AUD		9,022	9,02

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	ССҮ	Class and r securities		Person's votes affected
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	28,683	28,68
16-Dec-22	BlackRock Japan Co., Ltd.	on mkt sell	2.80	AUD	ORD	-3,804	-3,80
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	400	4(
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	20,533	20,53
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	61,195	61,19
16-Dec-22	BlackRock Investment Management (UK)	on mkt buy	2.80	AUD	ORD	370	37
	Limited	on nikt buy					
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	56,787	56,78
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	19,055	19,05
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	10	
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	525	52
16-Dec-22	BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	1,570	1,5
16-Dec-22	(Australia) Limited BlackRock Fund Advisors	on mkt buy	2.80	AUD	ORD	22	;
16-Dec-22	BlackRock Fund Advisors	on mkt buy	2.80	AUD	ORD	3,470	3,4
16-Dec-22	BlackRock Fund Advisors	on mkt buy					3,4 1,1
			2.80	AUD	ORD	1,162	
16-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.80	AUD	ORD	585	5
16-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.80	AUD	ORD	30,033	30,0
16-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	2.80	AUD	ORD	89,500	89,5
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	7,301	7,3
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	141	1
16-Dec-22	BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	41,292	41,2
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	21,767	21,7
16-Dec-22	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt huv	2.80	AUD	ORD	196	1
		on mkt buy					
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	30,209	30,2
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	10,135	10,1
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	381	3
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	19,550	19,5
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	58,270	58,2
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	4,867	4,8
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	14,516	14,5
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.80	AUD	ORD	94	
16-Dec-22	BLACKROCK ADVISORS LLC	on mkt buy	2.80	AUD	ORD	290	2
16-Dec-22	BLACKROCK ADVISORS LLC	on mkt buy	2.80	AUD	ORD	14,930	14,9
	BLACKROCK ADVISORS LLC						
16-Dec-22 16-Dec-22	BlackRock Investment Management	on mkt buy on mkt buy	2.80 2.80	AUD AUD	ORD ORD	44,494 59	44,4
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	9,136	9,1
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	3,065	3,0
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	56	
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	2,917	2,9
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	2.80	AUD	ORD	8,699	8,6
19-Dec-22	(Australia) Limited		2.79	AUD	ORD	-7,958	
	BlackRock Investment Management (Australia) Limited	on mkt sell					-7,9
20-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,655	-4,6
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,724	-3,7
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,948	3,9
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,930	-7,9
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,618	10,6
					UU		,
21-Dec-22					ORD	865	ç
	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	2.74	AUD AUD	ORD ORD	865 4,310	8 4,3

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ		number of s affected	Person's votes affected
22-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	2.75	AUD	ORD	6,882	6,88
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	3,448	3,44
22-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,048	-6,04
23-Dec-22	BlackRock Japan Co., Ltd.	on mkt buy	2.72	AUD	ORD	585	58
23-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,612	10,61
23-Dec-22	BlackRock Investment Management (UK)	on mkt buy	2.76	AUD	ORD	198,627	198,62
	Limited	on mkt sell				,	
23-Dec-22	BlackRock Advisors (UK) Limited BlackRock Fund Advisors		2.77	AUD	ORD ORD	-15,426	-15,42
23-Dec-22		on mkt buy		AUD		1,443	1,44
28-Dec-22	BlackRock Investment Management (UK) Limited	•	2.77	AUD	ORD	584,494	584,49
28-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,241	10,24
29-Dec-22	BlackRock Investment Management (UK) Limited	-	2.72	AUD	ORD	1,267,498	1,267,49
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	2.75	AUD	ORD	-15,426	-15,42
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	1,724	1,72
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	2.75	AUD	ORD	-2,595	-2,59
30-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	2.73	AUD	ORD	280,449	280,44
30-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,448	7,44
30-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	2.72	AUD	ORD	-23,139	-23,13
30-Dec-22	BlackRock Investment Management	on mkt sell	2.71	AUD	ORD	-35,480	-35,48
30-Dec-22	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	2.71	AUD	ORD	-146,492	-146,49
30-Dec-22	National Association BlackRock Institutional Trust Company,	on mkt sell	2.71	AUD	ORD	-52,758	-52,75
	National Association						
30-Dec-22	BLACKROCK ADVISORS LLC	on mkt sell	2.71	AUD	ORD	-57,325	-57,32
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	2.71	AUD	ORD	-115,954	-115,95
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.67	AUD	ORD	-17,241	-17,24
03-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.67	AUD	ORD	-35,911	-35,91
03-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.67	AUD	ORD	-166,938	-166,93
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.67	AUD	ORD	5,735	5,73
04-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.65	AUD	ORD	-29,132	-29,13
04-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.65	AUD	ORD	-34,380	-34,38
04-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.65	AUD	ORD	-159,811	-159,81
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,865	2,86
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.66	AUD	ORD	3,460	3,46
04-Jan-23	BlackRock Investment Management (UK)	on mkt buy	2.66	AUD	ORD	25,775	25,77
05-Jan-23	Limited BlackRock Investment Management (UK)	on mkt sell	2.67	AUD	ORD	-12,173	-12,17
	Limited						
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.65	AUD	ORD	5,190	5,19
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.65	AUD	ORD	7,890	7,89
06-Jan-23	BlackRock Japan Co., Ltd.	on mkt buy	2.57	AUD	ORD	5,709	5,70
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	2.55	AUD	ORD	-7,224	-7,22
09-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.60	AUD	ORD	11,450	11,45
09-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.60	AUD	ORD	2,595	2,59
10-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	2.59	AUD	ORD	-7,266	-7,26
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.63	AUD	ORD	35,341	35,34
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.67	AUD	ORD	125,176	125,17
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,724	3,72
12-Jan-23	BlackRock Investment Management	on mkt buy	2.66	AUD	ORD	21,774	21,77
12-Jan-23	(Australia) Limited	on mkt huw	2.66	AUD	ORD	865	86
	BlackRock Advisors (UK) Limited	on mkt buy					
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.66	AUD	ORD	1,730	1,73
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	2.66	AUD	ORD	-52,293	-52,29
13-Jan-23	BlackRock Fund Advisors	on mkt buy	2.65	AUD	ORD	59,907	59,90
13-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.67	AUD	ORD	6,780	6,78
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.67	AUD	ORD	862	86

ate of Change	Person whose relevant interest changed	Considerati	e of change (6) / on given in relation to change (7)	ССҮ	Class and securities		Person's votes affected
13-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.67	AUD	ORD	17,749	17,74
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.67	AUD	ORD	1,059	1,05
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.67	AUD	ORD	1,730	1,00
17-Jan-23	BlackRock Advisors (UK) Limited		2.67	AUD	ORD	53,730	53,73
		on mkt buy				,	,
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.68	AUD	ORD	1,067	1,06
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.68	AUD	ORD	3,460	3,46
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.68	AUD	ORD	17,854	17,854
19-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,428	-12,428
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.67	AUD	ORD	51,443	51,443
19-Jan-23	BlackRock Fund Advisors	on mkt buy	2.67	AUD	ORD	31,955	31,95
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,945	4,94
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	59,340	59,340
20-Jan-23	BlackRock Investment Management	on mkt buy	2.70	AUD	ORD	12,778	12,778
	(Australia) Limited						
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,462	22,462
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.71	AUD	ORD	-452	-452
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.71	AUD	ORD	4,584	4,584
24-Jan-23	BLACKROCK ADVISORS LLC	on mkt buy	2.74	AUD	ORD	59,776	59,77
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.75	AUD	ORD	1,730	1,730
27-Jan-23	BlackRock Fund Advisors	in specie		AUD	ORD	19,800	19,800
	BlackRock Fund Advisors	•					
27-Jan-23		in specie	n/a	AUD	ORD	-2,778	-2,77
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	2.71	AUD	ORD	-51,837	-51,83
27-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.71	AUD	ORD	113,573	113,573
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	2.71	AUD	ORD	1,565	1,56
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,439	-4,43
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.73	AUD	ORD	9,577	9,57
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.73	AUD	ORD	-11,460	-11,460
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.73	AUD	ORD	21,626	21,626
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39.360	-39,360
31-Jan-23	BlackRock Institutional Trust Company,	on mkt sell	2.70	AUD	ORD	-772,922	-772,922
31-Jan-23	National Association BlackRock Institutional Trust Company, National Association	on mkt sell	2.70	AUD	ORD	-47,860	-47,860
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	2.70	AUD	ORD	-2,595	-2,595
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,122	23,122
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.74	AUD	ORD	1,730	1,73
01-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.74	AUD	ORD	31,079	31,079
01-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	2.74	AUD	ORD	-3,666	-3,66
02-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.76	AUD	ORD	128,081	128,08
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.76	AUD	ORD	1,091	1,09
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.76	AUD	ORD	2,583	2,583
02-Feb-23	BlackRock Fund Advisors						
		on mkt buy	2.76	AUD	ORD	52,561	52,56
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	14,434	14,434
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.80	AUD	ORD	1,573	1,573
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.81	AUD	ORD	8,503	8,503
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.80	AUD	ORD	38,620	38,620
06-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.77	AUD	ORD	73,344	73,344
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,916	1,910
08-Feb-23	BlackRock Investment Management	on mkt buy	2.58	AUD	ORD	77,865	77,86
	(Australia) Limited	-					
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.58	AUD	ORD	8,599	8,599
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.58	AUD	ORD	38,282	38,282
09-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.57	AUD	ORD	184,505	184,508
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	2.57	AUD	ORD	-7,713	-7,713
	BlackRock Investment Management	on mkt buy	2.55	AUD	ORD	10,308	10,308
10-Feb-23	5	,					
	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	16,416	16,416

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
10-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	43,991	43,99
13-Feb-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	12,442	12,44
13-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	2.55	AUD	ORD	-7,259	-7,25
14-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.53	AUD	ORD	376,831	376,83
14-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	2,583	2,58
15-Feb-23	BlackRock Investment Management, LLC		2.54	AUD	ORD	86,475	86,47
15-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.54	AUD	ORD	49,158	49,15
15-Feb-23	BlackRock Investment Management	in specie	n/a	AUD	ORD	-31,285	-31,28
16-Feb-23	(Australia) Limited BlackRock Investment Management	on mkt buy	2.59	AUD	ORD	308,939	308,93
16 Eab 22	(Australia) Limited	on mkt ooll	2.50			15 246	15.2
16-Feb-23	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt buy	2.59	AUD	ORD	-15,346	-15,34
16-Feb-23 16-Feb-23	BlackRock Investment Management	on mkt buy	2.59	AUD	ORD	4,761 72,198	4,76
	(Australia) Limited	on mikt buy					
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.59	AUD	ORD	2,292	2,29
16-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	250,000	250,00
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	36,849	36,84
17-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	2.56	AUD	ORD	-2,589	-2,58
20-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.57	AUD	ORD	28,800	28,80
21-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	6,876	6,87
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	2.56	AUD	ORD	-7,201	-7,20
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.56	AUD	ORD	1,106	1,1
21-Feb-23	BlackRock Investment Management	on mkt buy	2.56	AUD	ORD	12,640	12,6
23-Feb-23	(Australia) Limited BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.56	AUD	ORD	-6,183	-6,18
24-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	2.59	AUD	ORD	-2,598	-2,59
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.59	AUD	ORD	-6,920	-6,92
24-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.59	AUD	ORD	74,616	74,6
27-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	2.60	AUD	ORD	3,354	3,35
28-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,922	-2,92
28-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,896	-3,8
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.55	AUD	ORD	208,157	208,1
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.55	AUD	ORD	33,045	33,04
28-Feb-23	BlackRock Fund Advisors	on mkt buy	2.55	AUD	ORD	33,851	33,8
28-Feb-23	BlackRock Fund Advisors	on mkt buy	2.55	AUD	ORD	63,779	63,7
28-Feb-23	BlackRock Fund Advisors	on mkt buy	2.55	AUD	ORD	274,288	274,28
28-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.55	AUD	ORD	5,730	5,73
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	7,257	7,2
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	2.55	AUD	ORD	-1,726	-1,72
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	1,581	1,58
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	2.55	AUD	ORD	6,324	6,3
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.55	AUD	ORD	69,387	69,38
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.55	AUD	ORD	11,013	11,01
28-Feb-23	BlackRock Fund Advisors	on mkt buy	2.55	AUD	ORD	11,282	11,28
28-Feb-23	BlackRock Fund Advisors	on mkt buy	2.55	AUD	ORD	21,257	21,25
28-Feb-23	BlackRock Fund Advisors	on mkt sell	2.55	AUD	ORD	-510	-51
28-Feb-23 28-Feb-23	BlackRock Fund Advisors BlackRock Institutional Trust Company,	on mkt buy on mkt sell	2.55 2.55	AUD AUD	ORD ORD	91,433 -9,836	91,43 -9,83
28-Feb-23	National Association BlackRock Investment Management (UK)	on mkt sell	2.55	AUD	ORD	-222,108	-222,10
28-Feb-23	Limited BlackRock Fund Advisors	on mkt buy	2.55	AUD	ORD	227,553	227,5
28-Feb-23 01-Mar-23	BlackRock Fund Advisors	on mkt sell	2.55	AUD	ORD	-30,972	-30,97
01-Mar-23	BlackRock Fund Advisors	in specie	2.52 n/a	AUD	ORD	-30,972	-30,97 6,31
01-Mar-23	BlackRock Investment Management	on mkt sell	2.50	AUD	ORD	-3,570	-3,57
	(Australia) Limited	on mixt oon	2.00	100	010	-5,570	-0,0

01-Marc23 BiseRotox Fund Advisors in specie n'a AUD ORD 6.2 01-Marc23 BiseRotox Investment Management (Australia) Limited on mit buy 2.50 AUD ORD 6.6 01-Marc23 BiseRotox Investment Management (Australia) Limited on mit buy 2.50 AUD ORD 1.5 01-Marc23 BiseRotox Advisors (UK) Limited on mit buy 2.60 AUD ORD 1.5 02-Marc23 BiseRotox Advisors (UK) Limited on mit buy 2.47 AUD ORD 1.5 02-Marc23 BiseRotox Advisors (UK) Limited on mit buy 2.47 AUD ORD 1.7 02-Marc23 BiseRotox Advisors (UK) Limited on mit buy 2.60 AUD ORD 9.7 03-Marc23 BiseRotox Fund Advisors in specie n/a AUD ORD 9.7 03-Marc23 BiseRotox Fund Advisors in specie n/a AUD ORD 9.7 05-Marc23 BiseRotox Fund Advisors in specie n/a AUD ORD<	Date of Change	Person whose relevant interest changed		ure of change (6) / ition given in relation to change (7)	ССҮ	Class and number of securities affected		Person's votes affected
01-Mar:23 BlackRock Investment Management (a) mit buy 2.51 AUD ORD 6.8 01-Mar:23 BlackRock Investment Management (a) mit buy 2.50 AUD ORD 207.0 01-Mar:23 BlackRock Anvisors (UK) Limited on mit buy 2.50 AUD ORD 4.8 01-Mar:23 BlackRock Anvisors (UK) Limited on mit buy 2.47 AUD ORD 4.4 02-Mar:23 BlackRock Anvisors (UK) Limited on mit buy 2.47 AUD ORD 7.7 02-Mar:23 BlackRock Anvisors (UK) Limited on mit buy 2.90 AUD ORD 7.7 03-Mar:23 BlackRock Anvisors (UK) Limited on mit buy 2.90 AUD ORD 7.6 05-Mar:23 BlackRock Fund Anvisors in specie n/a AUD ORD 9.6 05-Mar:23 BlackRock Anvisors (UK) Limited on mit sell 2.90 AUD ORD 4.6 05-Mar:23 BlackRock Anvisors (UK) Limited on mit sell 2.90 AUD ORD 4.6 07-Mar:23 BlackRock Anvisors (UK) Limited	01-Mar-23	BlackRock Fund Advisors	in specie		AUD	ORD	12,532	12,532
(Australia) Limited on mix buy 2.50 AUD ORD 207.07 01-Mar-23 BickRock Jupan Co., Ltd. on mix buy 2.50 AUD ORD 4.64 02-Mar-23 BickRock Jupan Co., Ltd. on mix buy 2.47 AUD ORD 4.64 02-Mar-23 BickRock Advisors (UK) Limited on mix buy 2.47 AUD ORD 1.6 02-Mar-23 BickRock Advisors (UK) Limited on mix buy 2.47 AUD ORD 1.6 03-Mar-23 BickRock Advisors (UK) Limited on mix buy 2.50 AUD ORD 7.6 03-Mar-23 BickRock Fund Advisors in specie n/a AUD ORD 2.6 03-Mar-23 BickRock Fund Advisors in specie n/a AUD ORD 2.6 03-Mar-23 BickRock Fund Advisors in specie n/a AUD ORD 4.5 07-Mar-23 BickRock Havisor Marson on mix sell 2.45 AUD ORD 4.6 07-Mar-23 BickRock Advisors (UK) L	01-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,740	-9,740
(Australia) Limited ORD 0.50 AUD ORD 45. 0.1-Mar-23 BlackRock Japan Co., Ltd. on mik sell 2.50 AUD ORD 4.6. 0.2-Mar-23 BlackRock Avinsors (UK) Limited on mik buy 2.47 AUD ORD 7.7. 0.2-Mar-23 BlackRock Avinsors (UK) Limited on mik buy 2.47 AUD ORD 7.7. 0.3-Mar-23 BlackRock Avinsors (UK) Limited on mik buy 2.50 AUD ORD 7.6. 0.3-Mar-23 BlackRock Avinsors (UK) Limited on mik buy 2.50 AUD ORD 6.7. 0.5-Mar-23 BlackRock Fund Avivers in specie n'a AUD ORD 4.9. 0.6-Mar-23 BlackRock Fund Avivers in specie n'a AUD ORD 4.9. 0.7-Mar-23 BlackRock Avivers in specie n'a AUD ORD 4.9. 0.7-Mar-23 BlackRock Avivers in specie n'a AUD ORD 4.9. 4.9. 0.7-Mar-	01-Mar-23	0	on mkt buy	2.51	AUD	ORD	6,897	6,897
01-Mm-23 BlackRook Jupan Co., Ltd. on mit sell 2.50 AUD ORD 4.3 02-Mm-23 BlackRook Advisors (UK) Limited on mit buy 2.47 AUD ORD 7.7 02-Mm-23 BlackRook Advisors (UK) Limited on mit buy 2.47 AUD ORD 7.5 02-Mm-23 BlackRook Advisors (UK) Limited on mit buy 2.50 AUD ORD 7.6 03-Mm-23 BlackRook Advisors (UK) Limited on mit buy 2.50 AUD ORD 5.6 05-Mm-23 BlackRook Fund Advisors in specie n/a AUD ORD 4.2 05-Mm-23 BlackRook Fund Advisors in specie n/a AUD ORD 4.2 05-Mm-23 BlackRook Fund Advisors in specie n/a AUD ORD 4.5 07-Mm-23 BlackRook Institutional Tust Company, on mit sell 2.46 AUD ORD 9.5 07-Mm-23 BlackRook Institutional Tust Company, on mit sell 2.45 AUD ORD 9.6 07-Mm-23		(Australia) Limited	on mkt buy	2.50	AUD	ORD	207,009	207,009
02-Mar-23 BlackRock Avivors (UK) Limited on mkt buy 2.47 AUD ORD 17, 02-Mar-23 BlackRock Avivors (UK) Limited on mkt buy 2.47 AUD ORD 17, 02-Mar-23 BlackRock Avivors (UK) Limited on mkt buy 2.47 AUD ORD 17, 03-Mar-23 BlackRock Avivors (UK) Limited on mkt buy 2.50 AUD ORD 78, 03-Mar-23 BlackRock Avivors (UK) Limited on mkt buy 2.50 AUD ORD 27, 05-Mar-23 BlackRock Fund Avivors in specie n'a AUD ORD 29, 07-Mar-23 BlackRock Fund Avivors in specie n'a AUD ORD 24, 07-Mar-23 BlackRock Fund Avivors in specie n'a AUD ORD 46, 07-Mar-23 BlackRock Fund Avivors in specie n'a AUD ORD 46, 07-Mar-23 BlackRock Avivors (UK) Limited in specie n'a AUD ORD 41, 07-Mar-23 BlackRock Avivors (UK) Limited in sk	01-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.50	AUD	ORD	1,582	1,582
12 Aur-23 BlackRock Advisors (UK) Limited on mik buy 2.47 AUD ORD 17. 12 Aur-23 BlackRock Advisors (UK) Limited on mik buy 2.47 AUD ORD 15. 13 Aur-23 BlackRock Advisors (UK) Limited on mik buy 2.47 AUD ORD 7.9. 13 Aur-23 BlackRock Advisors (UK) Limited on mik buy 2.50 AUD ORD 7.9. 14 Aur-23 BlackRock Advisors (UK) Limited on mik buy 2.50 AUD ORD 2.9. 16 Advisors in specie n'a AUD ORD 2.9. 17 Advisors in specie n'a AUD ORD 2.9. 17 Aur-23 BlackRock Investment Management on mik sell 2.49 AUD ORD 4.5. 17 Aur-23 BlackRock Investment Management on mik sell 2.50 AUD ORD 4.5. 17 Aur-23 BlackRock Investment Management on mik sell 2.45 AUD ORD 1.6. 17 Aur-23 Bla	01-Mar-23	BlackRock Japan Co., Ltd.	on mkt sell	2.50	AUD	ORD	-6,449	-6,449
02-Mar-23 BlackRock Advisors (UK) Limited on mick buy 2.47 AUD ORD 15. 03-Mar-23 BlackRock Advisors (UK) Limited on mick buy 2.50 AUD ORD 7.9 03-Mar-23 BlackRock Advisors (UK) Limited on mick buy 2.50 AUD ORD 7.9 05-Mar-23 BlackRock Arvisors (UK) Limited on mick buy 2.50 AUD ORD -2.4 06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -2.2 06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -2.2 07-Mar-23 BlackRock Interstement Management on mick sell 2.50 AUD ORD -5.8 07-Mar-23 BlackRock Interstement Management on mick sell 2.50 AUD ORD -5.8 07-Mar-23 BlackRock Interstement Management on mick sell 2.45 AUD ORD -15.7 07-Mar-23 BlackRock Interstement Management on mick sell 2.45 AUD <	02-Mar-23	BlackRock Fund Advisors	in specie	n/a		ORD	-1,934	-1,934
02-Mar-23 BlackRock Advisors (UK) Limited on mik buy 2.47 AUD ORD 53 03-Mar-23 BlackRock Advisors (UK) Limited on mik buy 2.50 AUD ORD 56 06-Mar-23 BlackRock Advisors (UK) Limited on mik buy 2.50 AUD ORD 56 06-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -21 06-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -29 07-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -49 07-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -45 07-Mar-23 BlackRock Mission (UK) Limited on mik sell 2.50 AUD ORD -157.6 07-Mar-23 BlackRock Advisors (UK) Limited on mik sell 2.45 AUD ORD 1.6 07-Mar-23 BlackRock Advisors (UK) Limited on mik tell 2.46 AUD ORD 1.6	02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.47	AUD	ORD	7,717	7,717
03-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.50 AUD ORD 7.5 03-Mar-23 BlackRock Advisors in specie n/a AUD ORD 2.41 06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 2.41 06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 2.50 07-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 4.5 07-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 4.5 07-Mar-23 BlackRock fullingtInant Trust Company, National Association on mkt sell 2.50 AUD ORD 1615.5 08-Mar-23 BlackRock fullingtInant Trust Company, (Australia) Limited on mkt sell 2.45 AUD ORD 16.6 08-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.44 AUD ORD 16.6 08-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.44 AUD	02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.47	AUD	ORD	1,589	1,589
03-Marc23 BlackRock Advisors (UK) Limited on mkt buy 2.50 AUD ORD 558.6 06-Marc23 BlackRock Fund Advisors in specie n'a AUD ORD -214 06-Marc23 BlackRock Fund Advisors in specie n'a AUD ORD -29.9 06-Marc23 BlackRock Investment Management (Austratia) Limited on mkt sell 2.49 AUD ORD -49.9 07-Marc23 BlackRock Krund Advisors in specie n'a AUD ORD -56.7 07-Marc23 BlackRock Krund Advisors in specie n'a AUD ORD -56.7 07-Marc23 BlackRock Institutional Trust Company, (Austratia) Limited on mkt sell 2.45 AUD ORD 167.9 08-Marc23 BlackRock Investment Management (Austratia) Limited on mkt buy 2.46 AUD ORD 14.6 08-Marc23 BlackRock Advisors (UK) Limited on mkt buy 2.46 AUD ORD 3.6 13-Marc23 BlackRock Advisors (UK) Limited on mkt buy 2.	02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.47	AUD	ORD	3,178	3,178
0F-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -2:14 0F-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -2:8 0F-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -2:9 0F-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -4:5 0F-Mar-23 BlackRock Fund Advisors in specie n'a AUD ORD -4:5 0F-Mar-23 BlackRock Advisors (UR) Limited on mkt sell 2:50 AUD ORD -1:5 0F-Mar-23 BlackRock Institutional Trust Company, Autional Association on mkt sell 2:45 AUD ORD 1:16 0F-Mar-23 BlackRock Institutional Trust Company, Autional Association on mkt buy 2:45 AUD ORD 1:4 0F-Mar-23 BlackRock Kurist Advisors in specie n'a AUD ORD 1:4 0F-Mar-23 BlackRock Kurist Advisors in specie n'a AUD ORD<	03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy			ORD	7,915	7,915
06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 4-7. 06-Mar-23 BlackRock Investment Management on mkt sell 2.49 AUD ORD 4-9.7 07-Mar-23 BlackRock Investment Management on mkt sell 2.49 AUD ORD 4.5.6 07-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 4.5.6 07-Mar-23 BlackRock Institutional Trust Company, on mkt sell 2.50 AUD ORD 49.7 08-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.45 AUD ORD 145.7 08-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 14.6 08-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 14.6 08-Mar-23 BlackRock Advisors in specie n/a AUD ORD 14.6 08-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 3.8	03-Mar-23	BlackRock Advisors (UK) Limited		2.50		ORD	56,848	56,848
06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -2.5 06-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -4.5 07-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -5.6 07-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.50 AUD ORD -5.6 07-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.45 AUD ORD 16.7 06-Mar-23 BlackRock Institutional Trust Company, Australia Jumited on mkt buy 2.45 AUD ORD 1.6 06-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.46 AUD ORD 1.6 06-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.46 AUD ORD 3.3 13-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD -3.6 13-Mar-23 BlackRock Indistronal Kascians (UK) Limited on mkt buy 2.44 AUD	06-Mar-23	BlackRock Fund Advisors	in specie	n/a		ORD	-21,448	-21,448
06-Mar 23 BlackRock Investment Management (Australia) Limited on mkt sell 2.49 AUD ORD -93.3 07-Mar 23 BlackRock Fund Advisors in specie n/a AUD ORD -45.8 07-Mar 23 BlackRock Advisors (UK) Limited on mkt sell 2.50 AUD ORD -91.2 07-Mar 23 BlackRock Advisors (UK) Limited on mkt sell 2.50 AUD ORD -91.2 08-Mar 23 BlackRock Advisors (UK) Limited on mkt sell 2.45 AUD ORD -157.6 08-Mar 23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 1.46 08-Mar 23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 1.46 09-Mar 23 BlackRock Fund Advisors in specie n/a AUD ORD 1.46 13-Mar 23 BlackRock Fund Advisors in specie n/a AUD ORD -3.8 13-Mar 23 BlackRock Investment Management on mkt buy 2.44 AUD ORD -3.8 13-Mar 23 BlackRock Fund Advisors in specie n/a AUD ORD -3.4 13-Mar 23 BlackRock Insettent Management on mkt buy 2	06-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,740	-9,740
(Australia) Limited (Australia) Limited n'a AUD ORD 4.5 07-Mar-23 BlackRook Fund Advisors in specie n'a AUD ORD -5.8 07-Mar-23 BlackRook Fund Advisors in specie n'a AUD ORD -9.12 07-Mar-23 BlackRook Institutional Trust Company, on mkt buy 2.50 AUD ORD -157.9 08-Mar-23 BlackRook Invisors (UK) Limited on mkt buy 2.45 AUD ORD 1.6 08-Mar-23 BlackRook Kavisors (UK) Limited on mkt buy 2.46 AUD ORD -16.6 09-Mar-23 BlackRook Advisors (UK) Limited on mkt buy 2.46 AUD ORD -23.3 10-Mar-23 BlackRook Kavisors (UK) Limited on mkt sell 2.44 AUD ORD -3.8 13-Mar-23 BlackRook Kavisors (UK) Limited on mkt buy 2.42 AUD ORD -3.4 13-Mar-23 BlackRook Kavisors (UK) Limited on mkt buy 2.44 AUD ORD -3.4	06-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,922	-2,922
07-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -5.8 07-Mar-23 BlackRock Havisors (UK) Limited on mkt sell 2.50 AUD ORD -91 07-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.50 AUD ORD 186.7 08-Mar-23 BlackRock Institutional Trust Company, Autonal Association on mkt buy 2.45 AUD ORD 1.46 09-Mar-23 BlackRock Investment Management on mkt buy 2.46 AUD ORD 1.46 09-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.46 AUD ORD 107.9 10-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 2.31 13-Mar-23 BlackRock Japan Co., Ltd. on mkt buy 2.42 AUD ORD -3.3 13-Mar-23 BlackRock Japan Co., Ltd. on mkt buy 2.42 AUD ORD -3.4 13-Mar-23 BlackRock Investment Management on mkt buy 2.42			on mkt sell	2.49	AUD	ORD	-93,972	-93,972
07-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.50 AUD ORD -912 07-Mar-23 BlackRock Institutional Trust Company, National Association on mkt sell 2.45 AUD ORD 186, Number 24 08-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.45 AUD ORD 1.6, Number 24 08-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 1.6, Number 24 09-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.46 AUD ORD 1.9, Number 24 09-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -3, 2, AUD ORD -3, 2, AUD ORD -3, 2, AUD ORD -3, 2, AUD ORD -3, 3, 4, AUD ORD -3, 4, AUD ORD -3, 3, 3, Austral, Austral, Austral, Austral, Austral, Audvisors in specie n/a AUD ORD -3, 4, 4, Austral, Austral, Austral, Austral, Audvisors in specie n/a AUD ORD -3, 7, 7, 4, Austral, BlackRock Avisors (UK) Limited on mkt b	07-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,520	4,520
07-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.60 AUD ORD 186.7 08-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.45 AUD ORD 1.67.9 08-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.45 AUD ORD 1.6.6 09-Mar-23 BlackRock Arvisors (UK) Limited on mkt buy 2.46 AUD ORD 1.6.6 10-Mar-23 BlackRock Arvisors (UK) Limited on mkt buy 2.46 AUD ORD 4.6.7 10-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 3.8.3 13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 3.4.3 13-Mar-23 BlackRock Investment Management on mkt buy 2.40 AUD ORD 3.4.3 13-Mar-23 BlackRock Inud Advisors in specie n/a AUD ORD 3.4 13-Mar-23 BlackRock Inud Advisors in specie n/a AUD ORD 3.4 13-Mar-23 <			in specie	n/a	AUD	ORD	-5,844	-5,844
National Association National Association 08-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.45 AUD ORD 1.67,9 08-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 1.6,8 09-Mar-23 BlackRock Insestment Management (Australia) Limited on mkt buy 2.46 AUD ORD 107,9 09-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 2.3,3 13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 7.3,4 13-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.42 AUD ORD 7.3,4 13-Mar-23 BlackRock Investment Management on mkt buy 2.40 AUD ORD 7.3,4 14-Mar-23 BlackRock Advisors in specie n/a AUD ORD 6.3,4 14-Mar-23 BlackRock Advisors in specie n/a AUD ORD 9.7,1 15-Mar-23 BlackRock Advisors (07-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	2.50	AUD	ORD	-91,207	-91,207
(Australia) Limited on mkt buy 2.45 AUD ORD 1,8 08-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.45 AUD ORD 14.6 09-Mar-23 BlackRock Institutional Trust Company, (Australia) Limited on mkt buy 2.46 AUD ORD 14.6 10-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 23.3 13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -3.6 13-Mar-23 BlackRock Advisors (K) Limited on mkt sell 2.40 AUD ORD -3.6 13-Mar-23 BlackRock Advisors in specie n/a AUD ORD -3.7 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6.3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 3.7 14-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1.7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy	07-Mar-23	1 37	on mkt buy	2.50	AUD	ORD	186,704	186,704
08-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.45 AUD ORD 14.6 09-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.46 AUD ORD -56.6 10-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.44 AUD ORD -56.6 13-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.42 AUD ORD -7.8 13-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.40 AUD ORD -7.7 13-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.40 AUD ORD -51.4 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6.3 14-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.42 AUD ORD 9.7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14.4 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14.7 16-Mar-23 <	08-Mar-23	(Australia) Limited	on mkt sell	2.45	AUD	ORD	-157,966	-157,966
National Association 09-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.46 AUD ORD 107.9 (Australia) Limited 10-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.44 AUD ORD 2-8.6 13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 2-3.8 13-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.42 AUD ORD -3.4 13-Mar-23 BlackRock Investment Management on mkt buy 2.40 AUD ORD -3.4 14-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.42 AUD ORD -5.4 14-Mar-23 BlackRock Advisors in specie n/a AUD ORD 6.3 14-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14.4 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14.4 15-Mar-23 BlackRock Advisors (UK) Limited	08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.45	AUD	ORD	1,884	1,884
(Australia) Limited on mkt sell 2.44 AUD ORD -8,6 10-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 23,3 13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 3,8 13-Mar-23 BlackRock Advisors (LK) Limited on mkt buy 2.42 AUD ORD 7 13-Mar-23 BlackRock Advisors (LK) Limited on mkt buy 2.40 AUD ORD 3,4 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6,3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6,3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6,3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 7,7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14,7 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1,9	08-Mar-23		on mkt buy	2.45	AUD	ORD	14,608	14,608
13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 23,3 13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -3,4 13-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.42 AUD ORD -3,4 13-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.40 AUD ORD -3,4 14-Mar-23 BlackRock Investment Management on mkt buy 2.40 AUD ORD 63,4 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 63,7 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 3,7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1,7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1,3 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1,4 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44	09-Mar-23	0	on mkt buy	2.46	AUD	ORD	107,996	107,996
13-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD -3,8 13-Mar-23 BlackRock Japan Co., Ltd. on mkt buy 2,42 AUD ORD 7 13-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2,40 AUD ORD -3,4 14-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2,40 AUD ORD 63,3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 63,3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 9,7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2,44 AUD ORD 1,7 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2,44 AUD ORD 1,9 16-Mar-23 BlackRock Investment Management on mkt buy 2,44 AUD ORD 1,9 17-Mar-23 BlackRock Investment Management on mkt buy 2,41 AUD ORD 2,6 17-Mar-23 BlackRock Investment Management on mkt buy	10-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	2.44	AUD	ORD	-8,630	-8,630
13-Mar-23 BlackRock Japan Co., Ltd. on mkt buy 2.42 AUD ORD 7 13-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.40 AUD ORD -3.4 14-Mar-23 BlackRock Investment Management on mkt buy 2.40 AUD ORD -51.4 14-Mar-23 BlackRock Investment Management on mkt buy 2.40 AUD ORD 6.3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6.3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 9.7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1.4 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1.7 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1.9 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 1.9 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2	13-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,376	23,376
13-Mar-23 BlackRock Advisors (UK) Limited on mkt sell 2.40 AUD ORD -3.4 14-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.40 AUD ORD 51.4 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6.3 14-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 6.3 14-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.42 AUD ORD 9.7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14.4 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 17.4 16-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.45 AUD ORD 19.6 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 19.6 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 215.7	13-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,896	-3,896
14-Mar-23 (Australia) LimitedBlackRock Investment Management (Australia) Limitedon mkt buy2.40AUDORD51,414-Mar-23 BlackRock Fund Advisorsin specien/aAUDORD6.314-Mar-23 BlackRock Fund Advisorsin specien/aAUDORD9.715-Mar-23 BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD14,415-Mar-23 BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD17,716-Mar-23 (Australia) Limitedon mkt buy2.44AUDORD17,716-Mar-23 (Australia) Limitedon mkt buy2.44AUDORD139,4(Australia) Limitedon mkt buy2.44AUDORD139,4(Australia) Limitedon mkt buy2.44AUDORD16,6617-Mar-23 (Australia) Limitedin specien/aAUDORD19,9717-Mar-23 (Australia) Limitedon mkt buy2.42AUDORD24,9717-Mar-23 (Australia) Limitedon mkt buy2.41AUDORD215,7717-Mar-23 (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23 (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23 (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23 (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23 (Australia) Limitedo	13-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	2.42	AUD	ORD	716	716
(Australia) Limited14-Mar-23BlackRock Fund Advisorsin specien/aAUDORD6.314-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.42AUDORD3.715-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD14.415-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD11.716-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD139.416-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD16.616-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD16.616-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD15.617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD22.717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23.2717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD24.417-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy <td>13-Mar-23</td> <td>BlackRock Advisors (UK) Limited</td> <td></td> <td></td> <td></td> <td>ORD</td> <td>-3,452</td> <td>-3,452</td>	13-Mar-23	BlackRock Advisors (UK) Limited				ORD	-3,452	-3,452
14-Mar-23 National AssociationBlackRock Institutional Trust Company, National Associationon mkt buy2.42AUDORD3,715-Mar-23 15-Mar-23BlackRock Advisorsin specien/aAUDORD9,715-Mar-23 16-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD11,415-Mar-23 16-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD11,716-Mar-23 16-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD139,416-Mar-23 16-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.45AUDORD16,617-Mar-23 17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD1,917-Mar-23 17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7117-Mar-23 17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23 17-Mar-23BlackRock Investment Management 16-Mar-23on mkt buy2.41AUDORD22,717-Mar-23 (Australia) Limitedon mkt buy2.41AUDORD24,417-Mar-23 18ackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,217-Mar-23 18ackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73	14-Mar-23	(Australia) Limited	on mkt buy	2.40	AUD	ORD	51,487	51,487
National Association National Association 15-Mar-23 BlackRock Fund Advisors in specie n/a AUD ORD 9,7 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 14,4 15-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 17,4 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.44 AUD ORD 139,4 16-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.45 AUD ORD 56,6 17-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.42 AUD ORD 19,9 17-Mar-23 BlackRock Investment Management on mkt buy 2.41 AUD ORD 71,9 17-Mar-23 BlackRock Investment Management on mkt buy 2.41 AUD ORD 71,9 17-Mar-23 BlackRock Investment Management on mkt buy 2.41 AUD ORD 71,9 17-Mar-23 BlackRock Investment Management on mkt buy 2.41 AUD ORD 22,7		BlackRock Fund Advisors	•				6,318	6,318
15-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD14.415-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD1.716-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.44AUDORD139.416-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.45AUDORD56.617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.42AUDORD1.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32.717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD24.417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73.217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23.017-Mar-23 <td< td=""><td></td><td>National Association</td><td></td><td>2.42</td><td></td><td></td><td>3,735</td><td>3,735</td></td<>		National Association		2.42			3,735	3,735
15-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.44AUDORD1.716-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.44AUDORD139.416-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.45AUDORD56.617-Mar-23BlackRock Fund Advisorsin specien/aAUDORD1.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.42AUDORD24.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7117-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32.717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32.717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD70.917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73.217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73.217-Mar-23BlackRock Investm			•				9,740	9,740
16-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.44AUDORD139,416-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.45AUDORD56,617-Mar-23BlackRock Fund Advisorsin specien/aAUDORD1,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.42AUDORD24,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD215,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD215,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,2		· · · ·	,				14,472	14,472
16-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.45AUDORD56.617-Mar-23BlackRock Fund Advisorsin specien/aAUDORD1,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.42AUDORD24,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,0 <tr< td=""><td></td><td>BlackRock Investment Management</td><td></td><td></td><td></td><td></td><td>1,726 139,457</td><td>1,726 139,457</td></tr<>		BlackRock Investment Management					1,726 139,457	1,726 139,457
17-Mar-23BlackRock Fund Advisorsin specien/aAUDORD1,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.42AUDORD24,917-Mar-23BlackRock Japan Co., Ltd.on mkt buy2.41AUDORD717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management 	10.14 00			0.45	4115	000	50.040	50.040
17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.42AUDORD24,917-Mar-23BlackRock Japan Co., Ltd.on mkt buy2.41AUDORD717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD215,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD24,417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDO			,					56,619
(Australia) Limited17-Mar-23BlackRock Japan Co., Ltd.on mkt buy2.41AUDORD717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD215,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24,417-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limited <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>1,946</td> <td>1,946</td>			•				1,946	1,946
17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD215,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24,417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41 <t< td=""><td></td><td>(Australia) Limited</td><td></td><td></td><td></td><td></td><td>24,984</td><td>24,984</td></t<>		(Australia) Limited					24,984	24,984
(Australia) Limited17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD71,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24,417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD6,2							791	
(Australia) Limited17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD32,717-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10,917-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD24,417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24,417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Institutional Trust Company, (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD6,2		(Australia) Limited						215,782
(Australia) Limited17-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD10.917-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24.417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24.417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73.217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23.017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7.617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD6.217-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD6.2		(Australia) Limited	-				32,712	32,712
(Australia) Limited17-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD24,417-Mar-23BlackRock Institutional Trust Company, National Associationon mkt buy2.41AUDORD73,217-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD23,017-Mar-23BlackRock Investment Management (Australia) Limitedon mkt buy2.41AUDORD7,617-Mar-23BlackRock Advisors (UK) Limitedon mkt buy2.41AUDORD6,2		(Australia) Limited					10,905	10,905
National Association National Association 17-Mar-23 BlackRock Institutional Trust Company, National Association on mkt buy 2.41 AUD ORD 73,2 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 23,0 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 7,6 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 7,6 17-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.41 AUD ORD 6,2		(Australia) Limited					24,401	24,401
National Association National Association 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 23.0 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 7,6 17-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.41 AUD ORD 6,2		National Association					73,210	73,210
(Australia) Limited 17-Mar-23 BlackRock Investment Management (Australia) Limited on mkt buy 2.41 AUD ORD 7,6 17-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.41 AUD ORD 6,2		National Association					23,012	23,012
17-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.41 AUD ORD 6,2		(Australia) Limited BlackRock Investment Management					7,671	7,671
	17-Mar-23		on mkt buy	2.41	AUD	ORD	6,261	6,261
17-Mar-23 BlackRock Advisors (UK) Limited on mkt buy 2.41 AUD ORD 18,7	17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.41	AUD	ORD	18,786	18,786
		BlackRock Investment Management					4,160	4,160
17-Mar-23 BlackRock Investment Management on mkt buy 2.41 AUD ORD 12,4 (Australia) Limited	17-Mar-23		on mkt buy	2.41	AUD	ORD	12,481	12,481

Date of Change	Person whose relevant interest changed	Consideration gi	hange (6) / ven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41	AUD	ORD	-7,327	-7,32
17-Mar-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.41	AUD	ORD	3,983	3,98
17-Mar-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.41	AUD	ORD	1,327	1,32
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.41	AUD	ORD	2,847	2,84
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.41	AUD	ORD	8,539	8,53
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.41	AUD	ORD	5,961	5,96
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.41	AUD	ORD	17,883	17,88
17-Mar-23	BlackRock Fund Advisors	on mkt sell	2.41	AUD	ORD	-20,384	-20,38
20-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,141	9,14
20-Mar-23	BlackRock Investment Management	on mkt buy	2.40	AUD	ORD	129,388	129,38
21-Mar-23	(Australia) Limited BlackRock Investment Management	on mkt buy	2.41	AUD	ORD	9,304	9,30
21-Mar-23	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	2.41	AUD	ORD	-5,067	-5,06
21-Mar-23	National Association BlackRock Institutional Trust Company,	on mkt sell	2.41	AUD	ORD	-4,591	-4,59
04.14 00	National Association		0.44	4115	000	4 504	4.50
21-Mar-23	BlackRock Fund Advisors	on mkt buy	2.41	AUD	ORD	4,591	4,59
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.39	AUD	ORD	1,734	1,73
22-Mar-23	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy on mkt sell	2.39	AUD	ORD	6,392	6,3
22-Mar-23	National Association		2.39	AUD	ORD	-15,617	-15,6
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	21,870	21,8
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.38	AUD	ORD	7,813	7,8
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	2.38	AUD	ORD	-21,870	-21,8
23-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.38	AUD	ORD	-16,490	-16,4
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.37	AUD	ORD	-18,563	-18,5
27-Mar-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	26,936	26,93
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,791	-10,79
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,400	4,40
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,870	4,8
28-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	2.37	AUD	ORD	803	8
28-Mar-23	BlackRock Fund Advisors	on mkt buy	2.37	AUD	ORD	1,413	1,4
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.34	AUD	ORD	-69,526	-69,5
30-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	2.35	AUD	ORD	878	87
30-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.36	AUD	ORD	233,073	233,0
30-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	185,490	185,49
30-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-250,000	-250,00
31-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	2.38	AUD	ORD	711	7
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,311	-16,3
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD	57,838	57,8
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	2.35	AUD	ORD	99,552	99,5
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.35	AUD	ORD	189,295	189,29
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.35	AUD	ORD	81,327	81,3
31-Mar-23	BLACKROCK ADVISORS LLC	on mkt buy	2.35	AUD	ORD	68,654	68,6
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.35	AUD	ORD	-54,172	-54,1
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	18,844	18,84
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.35	AUD	ORD	-61,956	-61,95
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,922	2,92
•	BlackRock Investment Management	on mkt buy	2.39	AUD	ORD	11,630	11,63
03-Apr-23							
03-Apr-23 04-Apr-23	(Australia) Limited BlackRock Japan Co., Ltd.	on mkt buy	2.41	AUD	ORD	5,697	5,69

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	CCY		number of affected	Person's votes affected
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	2.42	AUD	ORD	7,960	7,96
04-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.42	AUD	ORD	7,814	7,81
05-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.43	AUD	ORD	97,821	97,82
05-Apr-23	BlackRock Japan Co., Ltd.	on mkt buy	2.45	AUD	ORD	3,156	3,15
05-Apr-23	BlackRock Investment Management (UK)	on mkt buy	2.42	AUD	ORD	150,000	150,00
05-Apr-23	Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	18,762	18,76
06-Apr-23	Limited BlackRock Investment Management	on mkt buy	2.36	AUD	ORD	24,423	24,42
06-Apr-23	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	5,815	5,81
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	45,236	45,23
06-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.36	AUD	ORD	129,757	129,75
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	14,067	14,06
06-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	804,000	804,00
10-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,922	-2,92
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.39	AUD	ORD	25,862	25,86
11-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-804,000	-804,00
12-Apr-23	BlackRock Japan Co., Ltd.	on mkt buy	2.40	AUD	ORD	835	83
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	2.40	AUD	ORD	83,928	83,92
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-2,589	-2,58
12-Apr-23 14-Apr-23	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy	2.40	AUD	ORD ORD	1,593 5,810	1,59 5,81
•	(Australia) Limited	on mkt buy					
14-Apr-23 18-Apr-23	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	9,387 -16,558	9,38 -16,55
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.40	AUD	ORD	8,134	8,13
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.40	AUD	ORD	46,636	46,63
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,086	-16,08
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-85,792	-85,79
20-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.44	AUD	ORD	171,518	171,51
20-Apr-23	BlackRock Fund Advisors	on mkt sell	2.43	AUD	ORD	-61,870	-61,87
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.43	AUD	ORD	-57,381	-57,38
21-Apr-23 21-Apr-23	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt sell	n/a 2.44	AUD	ORD ORD	3,135	3,13 -20,87
21-Apr-23	(Australia) Limited BlackRock Investment Management	on mkt buy	2.44	AUD	ORD	6,972	-20,87
21-Apr-23	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell	2.43	AUD	ORD	-16,947	-16,94
24-Apr-23	National Association BlackRock Investment Management	on mkt buy	2.46	AUD	ORD	12,782	12,78
24-Apr-23	(Australia) Limited BlackRock Investment Management	on mkt buy	2.46	AUD	ORD	5,810	5,81
·	(Australia) Limited	-					
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,588	-10,58
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,715	18,71
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.47	AUD	ORD	-163,665	-163,66
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.47	AUD	ORD	-89,420	-89,42
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-174,792	-174,79
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	2.44	AUD	ORD	-7,352	-7,35
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	2.44	AUD	ORD	6,316	6,31
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	5,810	5,81
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	11,620	11,62
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.46	AUD	ORD	83,121	83,12
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.46	AUD	ORD	-11,505	-11,50
28-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	130,435	130,43

Date of Change	Person whose relevant interest changed		ure of change (6) / ition given in relation to change (7)	CCY	Class and securities		Person's votes affected
02-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,949	-2,949
02-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.43	AUD	ORD	9,296	9,296
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	2.43	AUD	ORD	2,280	2,280
03-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.42	AUD	ORD	-9,296	-9,296
03-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.42	AUD	ORD	2,758	2,758
05-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.53	AUD	ORD	501,846	501,846
05-May-23	BlackRock Advisors (UK) Limited	collateral tra	ansfer n/a	AUD	ORD	-130,435	-130,435
08-May-23	BlackRock Japan Co., Ltd.	on mkt buy	2.54	AUD	ORD	3,280	3,280
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.56	AUD	ORD	-18,024	-18,024
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.56	AUD	ORD	-6,972	-6,972
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.56	AUD	ORD	6,972	6,972
09-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.51	AUD	ORD	15,884	15,884
09-May-23	BlackRock Institutional Trust Company,	on mkt buy	2.51	AUD	ORD	81,100	81,100
10-May-23	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37,012	37,012
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	2.53	AUD	ORD	-9,180	-9,180
10-May-23	BlackRock Investment Management	on mkt sell	2.53	AUD	ORD	-33,487	-33,487
10-May-23	(Australia) Limited BlackRock Investment Management (UK)	on mkt buy	2.53	AUD	ORD	418	418
10-May-23	Limited BlackRock Investment Management (UK)	on mkt buy	2.53	AUD	ORD	48,252	48,252
10-May-23	Limited BlackRock Investment Management	on mkt buy	2.53	AUD	ORD	32,167	32,16
	(Australia) Limited	-					
11-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,714	10,714
12-May-23	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a	AUD	ORD	6,818	6,818
12-May-23 12-May-23	BlackRock Investment Management	on mkt sell	n/a 2.54	AUD AUD	ORD ORD	9,210	9,210
	(Australia) Limited BlackRock Investment Management	on mkt buy	2.54	AUD	ORD	14,160	14,160
12-May-23	(Australia) Limited						
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.54	AUD	ORD	-31,190	-31,190
15-May-23	BlackRock Fund Advisors	on mkt buy	2.54	AUD	ORD	58,739	58,739
15-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-10,630	-10,630
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,064	-8,064
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,032	-4,032
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,094	6,094
16-May-23 17-May-23	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD AUD	ORD ORD	11,713 1,868	11,713
17-May-23	BlackRock Investment Management	on mkt sell	2.50	AUD	ORD	-8,605	-8,605
17-May-23	(Australia) Limited BlackRock Investment Management	on mkt buy	2.50	AUD	ORD	28,320	28,320
17-May-23	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	2.50	AUD	ORD	-7,423	-7,423
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	2.50	AUD	ORD	6,376	6,376
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.50	AUD	ORD	-22,592	-22,592
17-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.50	AUD	ORD	22,592	22,592
17-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.50	AUD	ORD	5,786	5,786
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.48	AUD	ORD	40,120	40,120
18-May-23	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-76,152	-76,152
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.49	AUD	ORD	-19,024	-19,024
	BlackRock Investment Management	on mkt sell	2.49	AUD	ORD	-119,355	-119,355
19-May-23	5						
19-May-23 19-May-23	(Australia) Limited BlackRock Investment Management	on mkt sell	2.49	AUD	ORD	-139,589	-139,589
	(Australia) Limited	on mkt sell on mkt sell	2.49 2.49	AUD AUD	ORD ORD	-139,589 -72,464	-139,589

Date of Change	Person whose relevant interest changed	Nature of char Consideration giver change	in relation to	ССҮ	Class and i securities		Person's votes affected
23-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.49	AUD	ORD	-15,014	-15,014
24-May-23	BlackRock Fund Advisors	on mkt buy	2.51	AUD	ORD	3,300	3,30
24-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	68,999	68,99
25-May-23	BlackRock Investment Management	on mkt buy	2.48	AUD	ORD	56,640	56,640
25-May-23	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	AUD	ORD	-45,820	-45,820
25-May-23	Limited BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-68,999	-68,99
26-May-23	BlackRock Investment Management	on mkt sell	2.48	AUD	ORD	-120,988	-120,98
26-May-23	(Australia) Limited BlackRock Investment Management	on mkt sell	2.48	AUD	ORD	-11,784	-11,78
	(Australia) Limited						
29-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.52	AUD	ORD	7,080	7,08
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,864	-10,86
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,864	-10,86
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-48,888	-48,88
31-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	30,194	30,19
31-May-23	BlackRock Investment Management	on mkt sell	2.51	AUD	ORD	-59,000	-59,00
31-May-23	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	2.51	AUD	ORD	-3,460	-3,46
31-May-23	BlackRock Asset Management Canada	on mkt buy	2.51	AUD	ORD	10,436	10,43
31-May-23	Limited BlackRock Asset Management Canada	on mkt buy	2.51	AUD	ORD	38,229	38,22
31-May-23	Limited BlackRock Fund Advisors	on mkt buy	2.51	AUD	ORD	14,042	14,04
31-May-23	BlackRock Fund Advisors	on mkt buy	2.51	AUD	ORD	51,435	51,43
31-May-23	BlackRock Institutional Trust Company,	on mkt buy	2.51	AUD	ORD	153,768	153,76
31-May-23	National Association BlackRock Institutional Trust Company,	on mkt buy	2.51	AUD	ORD	41,979	41,97
31-May-23	National Association BLACKROCK ADVISORS LLC	on mkt buy	2.51	AUD	ORD	11,521	11,52
31-May-23	BLACKROCK ADVISORS LLC	on mkt buy	2.51	AUD	ORD	42,199	42,19
31-May-23	BlackRock Investment Management (UK)	on mkt buy	2.51	AUD	ORD	,	5,69
,	Limited					5,699	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.51	AUD	ORD	1,556	1,55
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.51	AUD	ORD	-38,689	-38,68
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	2.51	AUD	ORD	16,221	16,22
31-May-23	BlackRock Fund Advisors	on mkt buy	2.51	AUD	ORD	21,826	21,82
31-May-23	BlackRock Institutional Trust Company,	on mkt buy	2.51	AUD	ORD	65,249	65,24
04.14 00	National Association		0.54		000	47.007	47.00
31-May-23 31-May-23	BLACKROCK ADVISORS LLC BlackRock Investment Management (UK)	on mkt buy on mkt buy	2.51 2.51	AUD	ORD ORD	17,907 2,417	17,90 2,41
-	Limited	-					
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.51	AUD	ORD	9,440	9,44
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	2.51	AUD	ORD	-4,380	-4,38
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,284	-16,28
05-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,854	-10,85
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.53	AUD	ORD	-27,140	-27,14
05-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	2.53	AUD	ORD	39,328	39,32
05-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	2.53	AUD	ORD	31,431	31,43
05-Jun-23	BlackRock Investment Management	on mkt sell	2.53	AUD	ORD	-33,107	-33,10
00 1	(Australia) Limited	in anadi-	1		000	40.054	40.07
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,854	-10,85
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	2.52	AUD	ORD	14,362	14,36
06-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.52	AUD	ORD	82,777	82,77
07-Jun-23	BlackRock Fund Advisors	on mkt sell	2.48	AUD	ORD	-59,697	-59,69
07-Jun-23	BlackRock Fund Advisors	on mkt sell	2.48	AUD	ORD	-3,698	-3,69
07-Jun-23	BlackRock Fund Advisors	on mkt sell	2.48	AUD	ORD	-34,839	-34,83
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.49	AUD	ORD	14,160	14,16
	. ,		2.49	AUD	ORD	-544	-54
07-Jun-23	BlackRock Fund Advisors	on mkt sell	2.49	AUD	OND	-0++	01
07-Jun-23 07-Jun-23	BlackRock Fund Advisors BlackRock Fund Advisors	on mkt sell	2.49	AUD	ORD	-33	-3

Date of Change	Person whose relevant interest changed	Consideration gi	change (6) / ven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
08-Jun-23	BlackRock Japan Co., Ltd.	on mkt sell	2.56	AUD	ORD	-1,184	-1,18
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.46	AUD	ORD	-23,600	-23,60
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.46	AUD	ORD	-33,176	-33,17
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.46	AUD	ORD	5,083	5,08
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,648	-10.64
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.44	AUD	ORD	-28,320	-28,32
09-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	2.44	AUD	ORD	-39,921	-39,92
13-Jun-23	BlackRock Fund Advisors	in specie		AUD	ORD	24,275	24,2
13-Jun-23	BlackRock Japan Co., Ltd.	on mkt buy	2.44	AUD	ORD	746	7
13-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	2.41	AUD	ORD	7,181	7,1
14-Jun-23	BlackRock Fund Advisors	in specie		AUD	ORD	5,718	5,7
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	2.37	AUD	ORD	-7,181	-7,1
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.37	AUD	ORD	1,340	1,3
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.36	AUD	ORD	-3,178	-3,1
16-Jun-23	BlackRock Japan Co., Ltd.	on mkt sell	2.36	AUD	ORD	-742	-7
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	25,413	25,4
16-Jun-23	BlackRock Fund Advisors	on mkt buy	2.36	AUD	ORD	4,982	4,9
16-Jun-23	BlackRock Institutional Trust Company,	on mkt buy	2.36	AUD	ORD	178,299	178,2
10 1	National Association		0.00		000	00.000	00.0
16-Jun-23 16-Jun-23	BlackRock Fund Advisors BlackRock Investment Management	on mkt sell on mkt sell	2.36 2.36	AUD AUD	ORD ORD	-23,028 -33,102	-23,0 -33,1
16-Jun-23	(Australia) Limited BlackRock Investment Management (UK)	on mkt buy	2.36	AUD	ORD	244,583	244,5
10 1 00	Limited		0.00	4115	000	70.044	70 (
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	2.36	AUD	ORD	72,344	72,3
16-Jun-23 16-Jun-23	BlackRock Fund Advisors BLACKROCK FINANCIAL	on mkt sell on mkt buy	2.36	AUD	ORD	-239,871 9,784	-239,8 9,7
16-Jun-23	MANAGEMENT INC BlackRock Investment Management (UK)	on mkt buy	2.36	AUD	ORD	778	7
	Limited	,					
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.33	AUD	ORD	10,620	10,6
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.33	AUD	ORD	-16,520	-16,5
21-Jun-23	BlackRock Fund Advisors	on mkt buy	2.33	AUD	ORD	73,222	73,2
21-Jun-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,590	-6,5
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	2.23	AUD	ORD	-2,598	-2,5
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	2.23	AUD	ORD	-1,944	-1,9
27-Jun-23 27-Jun-23	BlackRock Fund Advisors BlackRock Institutional Trust Company,	in specie on mkt sell	n/a 2.29	AUD AUD	ORD ORD	-4,101 -12,082	-4,1 -12,0
	National Association						
28-Jun-23 28-Jun-23	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt sell	n/a 2.34	AUD	ORD ORD	6,797 -7,080	6,7 -7,0
	(Australia) Limited						
28-Jun-23	BlackRock Fund Advisors	on mkt buy	2.34	AUD	ORD	66,856	66,8
29-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.29	AUD	ORD	473,722	473,7
29-Jun-23	BlackRock Investment Management, LLC	on mkt buy	2.28	AUD	ORD	89,231	89,2
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	2.28	AUD	ORD	6,352	6,3
29-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.28	AUD	ORD	-52,580	-52,5
30-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,936	2,9
30-Jun-23	BlackRock Japan Co., Ltd.	on mkt buy	2.26	AUD	ORD	939	
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD	2,360	2,3
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.27	AUD	ORD	-102,851	-102,8
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	2.29	AUD	ORD	9,534	9,5
03-Jul-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	28,142	28,1
05-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,884	3,8
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD	44,448	44,4
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD	46,372	46,3

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ		number of s affected	Person's votes affected
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD	62,222	62,22
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD	13,378	13,37
05-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,962	-10,96
05-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	938,376	938,37
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,936	2,93
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,420	19,42
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,884	3,88
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,768	7,76
06-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD	267,563	267,56
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	2.27	AUD	ORD	8,156	8,15
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	2.27	AUD	ORD	-4,325	-4,32
06-Jul-23	BlackRock Investment Management	on mkt buy	2.27	AUD	ORD	8,587	8,58
06-Jul-23	(Australia) Limited BlackRock Investment Management	on mkt buy	2.27	AUD	ORD	15,492	15,49
	(Australia) Limited						
06-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,972,000	1,972,00
07-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,527	-4,52
07-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	2.24	AUD	ORD	-257,274	-257,27
07-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.24	AUD	ORD	30,415	30,41
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.24	AUD	ORD	41,346	41,34
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.24	AUD	ORD	24,618	24,61
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	2.23	AUD	ORD	-2,595	-2,59
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	2.23	AUD	ORD	1,590	1,59
10-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.23	AUD	ORD	17,196	17,19
10-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.23	AUD	ORD	-13,446	-13,44
10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,465	-1,46
10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-22,560	-22,56
10-Jul-23 11-Jul-23	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	collateral transfer on mkt sell	n/a 2.28	AUD AUD	ORD ORD	-288,835 -7,074	-288,83 -7,07
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.28	AUD	ORD	267,776	267,77
11-Jul-23	BlackRock Fund Advisors	on mkt buy	2.28	AUD	ORD	66,796	66,79
11-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-38,855	-38,85
12-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-22	-2
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.36	AUD	ORD	7,074	7,07
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.36	AUD	ORD	-34,472	-34,47
13-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-177,834	-177,83
14-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	2.34	AUD	ORD	-245,858	-245,85
14-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-112,201	-112,20
17-Jul-23	BlackRock Investment Management	on mkt sell	2.37	AUD	ORD	-3,537	-3,53
	(Australia) Limited					- ,	-,
17-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	103,565	103,56
18-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-790,304	-790,30
19-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	2.38	AUD	ORD	-211,538	-211,53
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-26,855	-26,85
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-36,889	-36,88
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-62,222	-62,22
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.40	AUD	ORD	16,506	16,50
20-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	392,905	392,90
21-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	2.39	AUD	ORD	-234,578	-234,57
21-Jul-23	BLACKROCK ADVISORS LLC	on mkt buy	2.39	AUD	ORD	76,942	76,94

Date of Change	Person whose relevant interest changed	Nature of chai Consideration given change (in relation to	CCY	Class and number of securities affected		Person's votes affected
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.39	AUD	ORD	-4,550	-4,550
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-6,244	-6,24
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-29,551	-29,55
21-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-392,905	-392,90
24-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	383,849	383,84
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-4,325	-4,32
25-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.40	AUD	ORD	-5,042	-5,04
25-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	355,448	355,44
26-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	2.40	AUD	ORD	-233,860	-233,86
26-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.41	AUD	ORD	192,355	192,35
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.40	AUD	ORD	11,790	11,79
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.40	AUD	ORD	-5,895	-5,89
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	2.40	AUD	ORD	-2,958	-2,95
26-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,032	10,03
27-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	2.48	AUD	ORD	-1,752	-1,75
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	2.43	AUD	ORD	6,332	6,33
28-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.43	AUD	ORD	13,397	13,39
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.43	AUD	ORD	-3,391	-3,39
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.43	AUD	ORD	-13,397	-13,39
28-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,989,739	-1,989,73
28-Jul-23	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-434,293	-434,29
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,797	6,79
	BlackRock Institutional Trust Company, National Association	on mkt buy	2.42	AUD	ORD	16,192	16,19
31-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.42	AUD	ORD	14,650	14,65
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,203	7,20
01-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,979,585	1,979,58
02-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,844	5,84
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.38	AUD	ORD	9,432	9,43
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.38	AUD	ORD	-35,907	-35,90
02-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	858,622	858,62
03-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	2.36	AUD	ORD	-38,931	-38,93
0	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-860,001	-860,00
04-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,768	7,76
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	41,265	41,26
04-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,989,737	-1,989,73
07-Aug-23 08-Aug-23	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer on mkt buy	n/a 2.37	AUD AUD	ORD ORD	860,000 63,666	860,00 63,66
08-Aug-23	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.37	AUD	ORD	1,179	1,17
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.37	AUD	ORD	9,432	9,43
08-Aug-23	BlackRock Fund Advisors	on mkt buy	2.37	AUD	ORD	64,616	64,61
08-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,766	-4,76
10-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,700	-231,65
<u> </u>	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,761,633	1,761,63
14-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,101	-4,10
14-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,565	14,56
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	2.34	AUD	ORD	1,598	1,59
14-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	2.34 n/a	AUD	ORD	26,334	26,33
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,389,980	-2,389,98
14-Aua-23							
14-Aug-23 15-Aug-23	BlackRock Fund Advisors	in specie	n/a		ORD	-21 362	_/1 Kh
15-Aug-23	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	AUD	ORD	-21,362 5 490	
-	BlackRock Fund Advisors BlackRock Fund Advisors BlackRock Advisors (UK) Limited	in specie in specie collateral transfer	n/a n/a n/a	AUD AUD AUD	ORD ORD ORD	-21,362 5,490 2,389,980	-21,36 5,49 2,389,98

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	in relation to	ССҮ	Class and securities	number of affected	Person's votes affected
16-Aug-23	BlackRock Investment Management	on mkt buy	2.19	AUD	ORD	9,432	9,432
16-Aug-23	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.19	AUD	ORD	4,716	4,716
16-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	860,000	860,000
17-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,154,667	-1,154,667
18-Aug-23	BlackRock Investment Management, LLC	on mkt buy	2.20	AUD	ORD	90,476	90,476
18-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	2.20	AUD	ORD	-15,138	-15,138
18-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	2.20	AUD	ORD	6,392	6,392
18-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-388,247	-388,247
21-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	1,165	1,165
21-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.17	AUD	ORD	-21,038	-21,038
21-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-860,000	-860,000
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.16	AUD	ORD	-4,716	-4,716
22-Aug-23	BlackRock Investment Management	on mkt buy	2.16	AUD	ORD	8,253	8,253
22-Aug-23	(Australia) Limited BlackRock Investment Management	on mkt sell	2.16	AUD	ORD	-4,716	-4,716
22-Aug-23	(Australia) Limited BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-339,151	-339,15 ⁻
23-Aug-23	BlackRock Investment Management (UK)	on mkt buy	2.16	AUD	ORD	289,506	289,500
23-Aug-23	Limited BlackRock Investment Management	on mkt buy	2.16	AUD	ORD	9,432	9,432
02 Aug 02	(Australia) Limited BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,800	7 900
23-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-521,100	-7,800
24-Aug-23	BlackRock Fund Advisors						
25-Aug-23 25-Aug-23	BlackRock Investment Management (UK)	in specie on mkt buy	n/a 2.14	AUD	ORD	6,204 135,784	6,204 135,784
Ū.	Limited	-					
25-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	131,354	131,354
28-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-449,520	-449,520
31-Aug-23 31-Aug-23	BlackRock Fund Advisors BlackRock Institutional Trust Company, National Association	in specie on mkt sell	n/a 2.16	AUD AUD	ORD ORD	-11,256 -98,623	-11,256 -98,623
31-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	767,688	767,688
01-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-767,688	-767,688
04-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	2.15	AUD	ORD	19,443	19,443
04-Sep-23	BlackRock Fund Advisors	on mkt buy	2.17	AUD	ORD	3,667	3,66
05-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	212,880	212,880
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.14	AUD	ORD	9,432	9,432
05-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	318,168	318,168
06-Sep-23	BlackRock Japan Co., Ltd.	on mkt buy	2.14	AUD	ORD	1,290	1,290
06-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-318,168	-318,168
07-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,772	2,772
07-Sep-23	BlackRock Institutional Trust Company,	on mkt buy	2.09	AUD	ORD	95,777	95,777
08-Sep-23	National Association BlackRock Fund Advisors	in specie	n/a	AUD	ORD	0.216	-8,316
•	BlackRock Investment Management	on mkt buy	2.10	AUD	ORD	-8,316 11,790	-0,310
08-Sep-23	(Australia) Limited	•					
11-Sep-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-171,751	-171,751
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.10	AUD	ORD	7,074	7,074
12-Sep-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	954	954
14-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,158	-4,158
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.15	AUD	ORD	2,426	2,420
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.12	AUD	ORD	148,463	148,463
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.12	AUD	ORD	14,005	14,005
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.12	AUD	ORD	96,832	96,832
15-Sep-23	BlackRock Fund Advisors	on mkt buy	2.12	AUD	ORD	1,157	1,157
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.12	AUD	ORD	194,825	194,825
	National Association						

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ		number of s affected	Person's votes affected
15-Sep-23	BlackRock Japan Co., Ltd.	on mkt sell	2.12	AUD	ORD	-946	-94
15-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.12	AUD	ORD	-73,842	-73,84
15-Sep-23	BlackRock Fund Advisors	on mkt sell	2.12	AUD	ORD	-3,617	-3,61
19-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.11	AUD	ORD	-39,111	-39,11
19-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.11	AUD	ORD	-2,589	-2,58
19-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.11	AUD	ORD	-4,315	-4,31
19-Sep-23	BlackRock Fund Advisors	on mkt buy	2.11	AUD	ORD	73,262	73,26
21-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,414	7,41
21-Sep-23	BlackRock Investment Management, LLC		2.08	AUD	ORD	-1,420,522	-1,420,52
21-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.07	AUD	ORD	-417,024	-417,02
22-Sep-23	BlackRock Investment Management (Australia) Limited BlackRock Investment Management	on mkt sell	2.07		ORD	-109,675	-109,67
22-Sep-23	(Australia) Limited	on mkt sell	2.06	AUD	ORD	-530,418	-530,41
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.06	AUD	ORD	-2,589	-2,58
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.06	AUD	ORD	-1,592	-1,59
22-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.06	AUD	ORD	101,745	101,74
22-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,720	27,72
25-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,744	-11,74
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.06	AUD	ORD	-22,806	-22,80
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.06	AUD	ORD	-4,315	-4,31
25-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.06	AUD	ORD	53,632	53,63
26-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.04	AUD	ORD	9,432	9,43
26-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.04	AUD	ORD	-151,507	-151,50
26-Sep-23	BlackRock Fund Advisors	on mkt sell	2.04	AUD	ORD	-3,539	-3,53
26-Sep-23	BlackRock Fund Advisors	on mkt sell	2.04	AUD	ORD	-75,140	-75,14
26-Sep-23	BlackRock Fund Advisors	on mkt sell	2.04	AUD	ORD	-1,150	-1,15
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.05	AUD	ORD	9,432	9,43
27-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	2.05	AUD	ORD	-1,726	-1,72
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.05	AUD	ORD	-28,983	-28,98
28-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,160	14,16
28-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.04	AUD	ORD	-11,973	-11,97
28-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.04	AUD	ORD	-23,838	-23,83
28-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.04	AUD	ORD	-5,827	-5,82
29-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,128	4,12
29-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,432	26,43
29-Sep-23	BlackRock Japan Co., Ltd.	on mkt buy	2.05	AUD	ORD	1,301	1,30
29-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.02	AUD	ORD	-13,304	-13,30
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.02	AUD	ORD	8,690	8,69
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.02	AUD	ORD	-36,809	-36,80
29-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.02	AUD	ORD	5,980	5,98
29-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.02	AUD	ORD	1,069	1,06
29-Sep-23	BlackRock Asset Management Canada Limited	on mkt buy	2.02	AUD	ORD	12,235	12,23
29-Sep-23	BlackRock Asset Management Canada Limited	on mkt buy	2.02	AUD	ORD	68,414	68,41
29-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,642,582	1,642,58
02-Oct-23	BlackRock Japan Co., Ltd.	on mkt sell	2.02	AUD	ORD	-11,165	-11,16
02-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.02	AUD	ORD	-96,667	-96,66
02-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,642,582	-1,642,58
03-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.02	AUD	ORD	296,642	296,64
03-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.02	AUD	ORD	11,790	11,79
03-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.02	AUD	ORD	6,424	6,42

Date of Change	Person whose relevant interest changed	Nature of char Consideration giver change	in relation to	ССҮ		number of s affected	Person's votes affected
03-Oct-23	BLACKROCK ADVISORS LLC	on mkt buy	2.02	AUD	ORD	88,861	88,86
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.00	AUD	ORD	11,790	11,79
04-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.00	AUD	ORD	103,434	103,43
04-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.00	AUD	ORD	30,560	30,56
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,040	33,04
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,000	15,00
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,964	3,96
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,175	5,17
05-Oct-23	BlackRock Japan Co., Ltd.	on mkt buy	2.02	AUD	ORD	957	95
05-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.02	AUD	ORD	38,175	38,17
05-Oct-23	BlackRock Investment Management (UK)	on mkt buy	2.04	AUD	ORD	80,120	80,12
	Limited	-					
05-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,642,582	1,642,58
06-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,720	4,72
06-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,580	19,58
06-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.06	AUD	ORD	186,646	186,64
06-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.06	AUD	ORD	16,506	16,50
09-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,642,582	-1,642,58
10-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,560	-28,56
10-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.08	AUD	ORD	30,516	30,5
10-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.08	AUD	ORD	-68,031	-68,03
10-Oct-23	BlackRock Fund Advisors	on mkt buy	2.08	AUD	ORD	76,453	76,45
12-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.14	AUD	ORD	7,056	7,05
12-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.14	AUD	ORD	19,367	19,36
13-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.08	AUD	ORD	-63,409	-63,40
13-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.09	AUD	ORD	43,723	43,72
13-Oct-23	BlackRock Fund Advisors	on mkt buy	2.09	AUD	ORD	3,427	3,42
16-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.08	AUD	ORD	142,138	142,13
16-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.08	AUD	ORD	22,634	22,63
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.08	AUD	ORD	2,592	2,59
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.08	AUD	ORD	5,184	5,18
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	2.08	AUD	ORD	-10,368	-10,36
17-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,800	13,80
17-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.11	AUD	ORD	117,864	117,80
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.10	AUD	ORD	3,456	3,4
18-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,074	2,0
18-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,815	13,8
18-Oct-23	BlackRock Investment Management	on mkt buy	2.12	AUD	ORD	15,800	15,8
	(Australia) Limited	-					
19-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	2.10	AUD	ORD	71,162	71,10
19-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.10	AUD	ORD	451,183	451,1
19-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.10	AUD	ORD	9,176	9,1
19-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,642,582	1,642,58
20-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,642,582	-1,642,58
23-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,855	4,8
23-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,642,582	1,642,58
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,672	14,67
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,420	19,4
24-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.08	AUD	ORD	-54,234	-54,2
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-73,749	-73,7
25-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-45,680	-45,6
25-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.03	AUD	ORD	4,928	4,92
26-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-91,376	-91,37
26-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.00	AUD	ORD	31,528	31,52
					0.00		400 7
27-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-102,744	-102,74

Date of Change	Person whose relevant interest changed	Nature of char Consideration given change (in relation to	ССҮ		l number of s affected	Person's votes affected
30-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,124	-17,12
30-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	1.97	AUD	ORD	-3,456	-3,45
30-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	236,174	236,17
31-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,535	-28,53
31-Oct-23	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-20,320	-20,32
	National Association	•				,	
31-Oct-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	20,320	20,32
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	1.97	AUD	ORD	9,176	9,17
01-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,616	-17,61
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	2.00	AUD	ORD	74,659	74,65
02-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.00	AUD	ORD	-3,450	-3,45
	· · · · · · · · · · · · · · · · · · ·					,	
02-Nov-23	BlackRock Japan Co., Ltd.	on mkt buy	2.04	AUD	ORD	3,652	3,65
02-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.04	AUD	ORD	-15,857	-15,85
02-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-236,174	-236,17
03-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,412	-11,41
03-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.08	AUD	ORD	-43,150	-43,15
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,097	-4,09
06-Nov-23	BlackRock Investment Management	on mkt sell	2.07		-	,	-4,09 -5,73
06-INOV-23	(Australia) Limited	on miki seli	2.07	AUD	ORD	-5,735	-5,73
06-Nov-23	BlackRock Japan Co., Ltd.	on mkt buy	2.07	AUD	ORD	2,875	2,87
07-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,121	-17,12
07-Nov-23	BlackRock Japan Co., Ltd.	on mkt buy	2.07	AUD	ORD	2,880	2,88
07-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.09	AUD	ORD	-30,812	-30,81
						,	
07-Nov-23 07-Nov-23	BlackRock Advisors (UK) Limited BlackRock Asset Management Canada	on mkt buy on mkt sell	2.09	AUD	ORD	3,532	3,53 -79,52
	Limited						
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,528	-4,52
08-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	2.10	AUD	ORD	864	86
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-96,985	-96,98
09-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,984	1,98
13-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.09	AUD	ORD	-4,320	-4,32
13-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.09	AUD	ORD	2,294	2,29
14-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,408	5,40
14-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,642,582	-1,642,58
14-Nov-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-72,205	-72,20
15-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,884	3,88
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.18	AUD	ORD	-23,911	-23,91
	· · · · · · · · · · · · · · · · · · ·						
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD	8,164	8,16
16-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,102	6,10
16-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.14	AUD	ORD	-11,470	-11,47
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.14	AUD	ORD	-3,432	-3,43
17-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.15	AUD	ORD	-2,571	-2,57
17-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,642,582	1,642,58
20-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.12	AUD	ORD	258,288	258,28
20-Nov-23	BlackRock Investment Management	on mkt sell	2.11	AUD	ORD	-5,735	-5,73
00 Nov 00	(Australia) Limited	an malet been	0.44		000	40.051	40.0-
20-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	2.11	AUD	ORD	19,354	19,35
20-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,185	5,18
20-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,642,582	-1,642,58
21-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,797	-6,79
21-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.06	AUD	ORD	-5,298	-5,29
21-Nov-23	BlackRock Investment Management	on mkt sell	2.06	AUD	ORD	-47,869	-47,86
22-Nov-23	(Australia) Limited BlackRock Investment Management (UK) Limited	on mkt buy	2.01	AUD	ORD	141,117	141,11
22-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	2.00	AUD	ORD	-39,045	-39,04
24-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,190	5,19
27-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	1.97	AUD	ORD	-8,830	-8,83
	· · · · · · · · · · · · · · · · · · ·						
28-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.02	AUD	ORD	-3,740	-3,74
28-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.01	AUD	ORD	-252,791	-252,79
29-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.06	AUD	ORD	-58,744	-58,74

Date of Change	Person whose relevant interest changed	Consideration	f change (6) / given in relation to ange (7)	CCY		number of s affected	Person's votes affected
29-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.06	AUD	ORD	-1,169,894	-1,169,89
29-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.06	AUD	ORD	-146,150	-146,15
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.07	AUD	ORD	-5,596	-5,59
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	2.07	AUD	ORD	-265,865	-265,86
30-Nov-23	BlackRock Fund Advisors	on mkt buy	2.07	AUD	ORD	62,901	62,90
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.07	AUD	ORD	334,567	334,56
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.07	AUD	ORD	9,878	9,87
30-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.07	AUD	ORD	8,447	8,44
30-Nov-23	BlackRock Fund Advisors	on mkt buy	2.07	AUD	ORD	14,210	14,21
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.07	AUD	ORD	75,575	75,57
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	2.07	AUD	ORD	2,232	2,23
01-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.07	AUD	ORD	-4,588	-4,58
01-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	2.07	AUD	ORD	-3,428	-3,42
01-Dec-23	BlackRock Japan Co., Ltd.	on mkt sell	2.07	AUD	ORD	-507	-50
04-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.10	AUD	ORD	16,376	16,37
06-Dec-23	BlackRock Advisors (UK) Limited BlackRock Japan Co., Ltd.	on mkt buy on mkt sell	2.14	AUD	ORD ORD	1,712	1,71
07-Dec-23 07-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.15 2.17	AUD AUD	ORD	-1,390 -21,069	-1,39 -21,06
08-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	2.21	AUD	ORD	92,033	92,03
08-Dec-23	BlackRock Fund Advisors	on mkt buy	2.21	AUD	ORD	1,076	1,07
08-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	2.21	AUD	ORD	440,150	440,15
11-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.21	AUD	ORD	-5,735	-5,73
11-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	2.21	AUD	ORD	75,790	75,79
11-Dec-23 13-Dec-23	BlackRock Fund Advisors BlackRock Investment Management (Australia) Limited	in specie on mkt buy	n/a 2.26	AUD AUD	ORD ORD	17,232 3,441	17,23 3,44
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	2.26	AUD	ORD	4,280	4,28
14-Dec-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-24,449	-24,44
14-Dec-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	24,449	24,44
14-Dec-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,485	-20,48
14-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.33	AUD	ORD	-28,654	-28,65
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	7,044	7,04
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD	4,356	4,35
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD	8,712	8,71
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	106,981	106,98
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD	53,423	53,42
15-Dec-23 15-Dec-23	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell	2.35 2.35	AUD AUD	ORD ORD	-73,685 -33,592	-73,68
	National Association	on mkt sell					-33,59
15-Dec-23 15-Dec-23	BlackRock Institutional Trust Company, National Association BlackRock Investment Management	on mkt buy on mkt buy	2.35	AUD	ORD	209,093	209,09
15-Dec-23	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD	18,663	18,66
18-Dec-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,936	-2,93
18-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.29	AUD	ORD	16,436	16,43
19-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	2.28	AUD	ORD	-2,170	-2,1
19-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.28	AUD	ORD	-106,127	-106,12
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	2.30	AUD	ORD	-4,358	-4,35
20-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.30	AUD	ORD	22,805	22,80

Date of Change	Person whose relevant interest changed	Consideration gi	hange (6) / ven in relation to ge (7)	ССҮ	Class and securities		Person's votes affected
21-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.29	AUD	ORD	-8,218	-8,21
22-Dec-23	BlackRock Fund Advisors	on mkt buy	2.26	AUD	ORD	3,017	3,01
22-Dec-23	BlackRock Fund Advisors	on mkt sell	2.26	AUD	ORD	-1,012	-1,01
22-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.26	AUD	ORD	-7,545	-7,54
28-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	2.27	AUD	ORD	-32,745	-32,74
29-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.26	AUD	ORD	-11,122	-11,12
29-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.26	AUD	ORD	-347,430	-347,43
29-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.26	AUD	ORD	-222,753	-222,75
29-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.26	AUD	ORD	-451,003	-451,003
29-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	2.26	AUD	ORD	-22,473	-22,47
29-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	2.26	AUD	ORD	1,159	1,15
02-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.23	AUD	ORD	-119,649	-119,649
02-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.23	AUD	ORD	-125,638	-125,63
02-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,512	-22,512
03-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.20	AUD	ORD	-99,319	-99,31
04-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.19	AUD	ORD	131,710	131,71
05-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.20	AUD	ORD	-124,425	-124,42
05-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	2.20	AUD	ORD	-7,632	-7,63
08-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.18	AUD	ORD	-13,564	-13,56
08-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,175	7,17
09-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.19	AUD	ORD	-281,004	-281,00
09-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD ORD	2,188	2,18 6,72
10-Jan-24 10-Jan-24	BlackRock Fund Advisors BlackRock Investment Management (Australia) Limited	in specie on mkt sell	n/a 2.20	AUD AUD	ORD	6,727 -11,730	-11,73
10-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.20	AUD	ORD	17,595	17,59
11-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.22	AUD	ORD	166,534	166,53
11-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD	2,197	2,19
12-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.22	AUD	ORD	30,524	30,52
12-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD	2,646	2,64
12-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD	2,188	2,18
15-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.21	AUD	ORD	34,046	34,04
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	87,937	87,93
16-Jan-24	BlackRock Asset Management Canada Limited	on mkt buy	2.19	AUD	ORD	81,340	81,34
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	3,522	3,52
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	5,136	5,13
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	10,945	10,94
17-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,913	2,91
17-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,884	3,88
17-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.20	AUD	ORD	-4,696	-4,69
17-Jan-24	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy	2.20	AUD	ORD	4,380	4,38
17-Jan-24 17-Jan-24	BlackRock Advisors (OK) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	2.20 2.20	AUD AUD	ORD ORD	6,570 29,350	6,57 29,35
18-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.12	AUD	ORD	24,654	24,65
19-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.14	AUD	ORD	11,740	11,74
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.14	AUD	ORD	917	91
		•		AUD	ORD	6,727	6,72
22-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	UKD	0.727	0.72

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ		number of s affected	Person's votes affected
22-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.14	AUD	ORD	4,382	4,38
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.15	AUD	ORD	7,044	7,04
23-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.15	AUD	ORD	3,668	3,66
24-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,880	33,88
24-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.18	AUD	ORD	333,148	333,14
	BlackRock Investment Management (Australia) Limited	on mkt buy	2.19	AUD	ORD	21,018	21,01
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	1,834	1,83
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	2,183	2,18
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD	4,366	4,36
25-Jan-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-247,377	-247,37
29-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	AUD	ORD	36,062	36,06
	BlackRock Investment Management (Australia) Limited	on mkt sell	2.22	AUD	ORD	-124,305	-124,30
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD	3,507	3,50
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	2.22	AUD	ORD	-2,751	-2,75
29-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.22	AUD	ORD	-6,089	-6,08
30-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,664	-22,66
30-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	2.23	AUD	ORD	60,864	60,86
31-Jan-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,072	9,07
31-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.27	AUD	ORD	110,773	110,77
	BlackRock Investment Management (UK) Limited	on mkt buy	2.27	AUD	ORD	11,967	11,96
31-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.27	AUD	ORD	-19,787	-19,78
01-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.22	AUD	ORD	33,209	33,20
02-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,566,209	1,566,20
05-Feb-24	BlackRock Japan Co., Ltd.	on mkt buy	2.26	AUD	ORD	1,419	1,41
05-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.26	AUD	ORD	1,613	1,61
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	2.24	AUD	ORD	8,370	8,37
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	2.24	AUD	ORD	1,164	1,16
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.24	AUD	ORD	-3,668	-3,66
05-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7,183	7,18
06-Feb-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.23	AUD	ORD	-54,396	-54,39
	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,252	-11,25
06-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.24	AUD	ORD	-945	-94
06-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.24	AUD	ORD	-22,925	-22,92
	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-21,383	-21,38
07-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,252	-11,25
07-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.25	AUD	ORD	191,600	191,60
07-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,730	9,73
07-Feb-24 08-Feb-24	BlackRock Advisors (UK) Limited BLACKROCK FINANCIAL	collateral transfer on mkt buy	n/a 2.30	AUD AUD	ORD ORD	-1,552,009 21,913	-1,552,00 21,91
08-Feb-24	MANAGEMENT INC BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,881	-16,88
08-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.30	AUD	ORD	-917	-91
08-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.30	AUD	ORD	22,857	22,85
12-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.29	AUD	ORD	-135,151	-135,15
13-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,532	-4,53
13-Feb-24	BlackRock Fund Advisors	on mkt buy	2.30	AUD	ORD	66,496	66,49
14-Feb-24 14-Feb-24	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt buy on mkt buy	2.26 2.26	AUD AUD	ORD ORD	968 9,392	96 9,39
44 5-4 04	(Australia) Limited	am malet 11	0.00		000	0.050	0.07
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.26	AUD	ORD	-8,253	-8,25
15-Feb-24 15-Feb-24	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a	AUD	ORD ORD	5,145	5,14 2,68
15-Feb-24 15-Feb-24	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a	AUD	ORD	2,688	2,68
10-160-24							7,05
15-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.29	AUD	ORD	11,740	11,74

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ		number of s affected	Person's votes affected
16-Feb-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-272,816	-272,81
16-Feb-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-206,106	-206,10
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.28	AUD	ORD	-3,664	-3,66
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.28	AUD	ORD	-952	-95
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,900	4,90
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,920	3,92
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,936	2,93
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,180	6,18
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.24	AUD	ORD	-6,412	-6,41
20-Feb-24 21-Feb-24	BlackRock Fund Advisors	in specie	2.24 n/a	AUD	ORD	14,160	-0,4
	BlackRock Fund Advisors	•					,
21-Feb-24		in specie	n/a	AUD	ORD	11,532	11,53
21-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.23	AUD	ORD	-10,875	-10,8
21-Feb-24	BlackRock Fund Advisors	on mkt buy	2.23	AUD	ORD	44,634	44,63
21-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.23	AUD	ORD	-99,318	-99,31
21-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,152,767	1,152,76
22-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	43,245	43,24
22-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.24	AUD	ORD	-11,908	-11,9
22-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.24	AUD	ORD	-38,412	-38,4
22-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	57	:
23-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	793	79
26-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,186	6,1
26-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,064	23,0
26-Feb-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,610	9,6
26-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.24	AUD	ORD	-69,033	-69,0
26-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	2.24	AUD	ORD	25,116	25,1
26-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-570	-5
27-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.22	AUD	ORD	-946	-9
27-Feb-24	BlackRock Investment Management	on mkt buy	2.21	AUD	ORD	2,348	2,3
27-Feb-24	(Australia) Limited	on mkt sell	2.21	AUD	ORD	10.970	-10,8
	BlackRock Advisors (UK) Limited		2.21			-10,870	,
27-Feb-24	BlackRock Fund Advisors	on mkt buy		AUD	ORD	943	9
27-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,459	-1,4
28-Feb-24	BlackRock Japan Co., Ltd.	on mkt buy	2.21	AUD	ORD	1,791	1,7
28-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	2.21	AUD	ORD	-1,177	-1,1
28-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	93	
29-Feb-24 29-Feb-24	BlackRock Advisors (UK) Limited BLACKROCK FINANCIAL	on mkt sell on mkt buy	2.21 2.21	AUD AUD	ORD ORD	-3,664 5,883	-3,6 5,8
	MANAGEMENT INC						
29-Feb-24	BLACKROCK ADVISORS LLC	on mkt buy	2.21	AUD	ORD	16,664	16,6
29-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.21	AUD	ORD	-17,746	-17,7
29-Feb-24	BLACKROCK ADVISORS LLC	on mkt buy	2.21	AUD	ORD	74,021	74,0
29-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-38	-
01-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.19	AUD	ORD	-38,643	-38,6
01-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.21	AUD	ORD	138,090	138,0
01-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	46,450	46,4
01-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-140,437	-140,4
04-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	2.24	AUD	ORD	4,346	4,3
04-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.24	AUD	ORD	15,571	15,5
04-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37,320	37,3
04-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,479	1,4
04-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,615	6,6
05-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,725	4,7
05-Mar-24	BlackRock Investment Management	on mkt buy	2.21	AUD	ORD	9,392	9,3
05-Mar-24	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	2.21	AUD	ORD	7,604	7,6
05-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,012,679	-1,012,6
06-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,431,044	2,431,0
07-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.20	AUD	ORD	-98,818	-98,8
07-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.21	AUD	ORD	-3,522	-3,5
07-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.21	AUD	ORD	-38,449	-38,4

Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	ССҮ		number of s affected	Person's votes affected
07-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.21	AUD	ORD	97,725	97,72
08-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	2.23	AUD	ORD	19,514	19,51
08-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,418,926	-1,418,92
11-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,012,124	-1,012,12
12-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,056	7,05
13-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,055	5,05
13-Mar-24	BlackRock Investment Management	on mkt buy	2.19	AUD	ORD	9,392	9,39
	(Australia) Limited	-					
14-Mar-24 14-Mar-24	BlackRock Investment Management (UK) Limited BLACKROCK CAPITAL MANAGEMENT	on mkt buy on mkt buy	2.20	AUD	ORD	27,492	27,492
14-Mar-24	INC BlackRock Investment Management	on mkt buy	2.20	AUD	ORD	135,525	135,52
	(Australia) Limited BlackRock Fund Advisors	-					
14-Mar-24		in specie	n/a	AUD	ORD	37,160	37,16
14-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,418,926	1,418,92
15-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,245	7,24
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.22	AUD	ORD	36,290	36,290
15-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,055	5,05
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.21	AUD	ORD	127,139	127,139
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.21	AUD	ORD	37,229	37,229
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	6,898	6,898
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.23	AUD	ORD	22,192	22,192
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.23	AUD	ORD	133,376	133,37
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.23	AUD	ORD	3,574	3,574
15-Mar-24	BLACKROCK FINANCIAL	on mkt buy	2.23	AUD	ORD	42,414	42,41
15-Mar-24	MANAGEMENT INC BlackRock Investment Management (UK) Limited	on mkt buy	2.21	AUD	ORD	95,305	95,30
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	47,276	47,276
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	46,338	46,338
15-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.21	AUD	ORD	79,913	79,913
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.21	AUD	ORD	130,935	130,935
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.21	AUD	ORD	666,484	666,484
15-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.21	AUD	ORD	180,389	180,389
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	5,773	5,773
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	5,219	5,219
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	13,937	13,937
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	12,457	12,457
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	6,969	6,969
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.23	AUD	ORD	-18,467	-18,46
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.23	AUD	ORD	-99,326	-99,326
15-Mar-24	BlackRock Fund Advisors	on mkt sell	2.23	AUD	ORD	-14,652	-14,652
15-Mar-24 15-Mar-24	BlackRock Fund Advisors BlackRock Institutional Trust Company,	on mkt sell on mkt sell	2.23 2.23	AUD AUD	ORD ORD	-68,788 -109,961	-68,788 -109,96
15-Mar-24	National Association BlackRock Investment Management	on mkt buy	2.23	AUD	ORD	157,069	157,069
15 Mar 04	(Australia) Limited	on mkt coll	0.00			DE 465	0F 40
15-Mar-24 15-Mar-24	BlackRock Fund Advisors BlackRock Investment Management (UK)	on mkt sell on mkt buy	2.23 2.23	AUD AUD	ORD ORD	-35,465 4,467	-35,469 4,467
15-Mar-24	Limited BlackRock Investment Management (UK)	on mkt buy	2.23	AUD	ORD	15,884	15,884
15-Mar-24	Limited BlackRock Investment Management (UK)	on mkt buy	2.23	AUD	ORD	19,559	19,559

Date of Change	Person whose relevant interest changed	Consideration g	change (6) / iven in relation to nge (7)	ССҮ	Class and securities		Person's votes affected
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	4,677	4,67
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	21,006	21,00
15-Mar-24	BlackRock Investment Management	on mkt buy	2.23	AUD	ORD	18,991	18,99
15-Mar-24	(Australia) Limited BlackRock Investment Management	on mkt buy	2.23	AUD	ORD	50,711	50,71
15-Mar-24	(Australia) Limited BlackRock Investment Management	on mkt buy	2.23	AUD	ORD	45,325	45,32
15-Mar-24	(Australia) Limited BLACKROCK FINANCIAL	on mkt sell	2.23	AUD	ORD	-8,086	-8,08
15-Mar-24	MANAGEMENT INC BlackRock Investment Management	on mkt buy	2.23	AUD	ORD	25,358	25,35
15-Mar-24	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	2.23	AUD	ORD	-15,884	-15,88
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	571,514	571,51
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	16,256	16,25
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.23	AUD	ORD	-722,428	-722,42
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt sell	2.23	AUD	ORD	-93,235	-93,23
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.23	AUD	ORD	-42,710	-42,71
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	128,961	128,96
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	17,019	17,01
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	27,504	27,50
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	8,054	8,0
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	3,495	3,49
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.23	AUD	ORD	11,244	11,24
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.23	AUD	ORD	67,577	67,57
15-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.23	AUD	ORD	1,811	1,8
15-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.23	AUD	ORD	21,490	21,49
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.23	AUD	ORD	20,617	20,61
15-Mar-24	BlackRock Investment Management (UK) Limited		2.23	AUD	ORD	23,954	23,9
15-Mar-24	BlackRock Investment Management (UK) Limited	•	2.23	AUD	ORD	23,478	23,47
15-Mar-24	BlackRock Investment Management, LLC	-	2.23	AUD	ORD	17,288	17,28
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	28,325	28,32
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.23	AUD	ORD	144,181	144,18
15-Mar-24	BlackRock Investment Management, LLC		2.23	AUD	ORD	39,024	39,02
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,022	2,02
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.24	AUD	ORD	127,158	127,18
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.24	AUD	ORD	37,235	37,23
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.24	AUD	ORD	16,158	16,1
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.24	AUD	ORD	51,984	51,98
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.24	AUD	ORD	312,430	312,43
18-Mar-24 18-Mar-24	BLACKROCK ADVISORS LLC BLACKROCK FINANCIAL	on mkt buy on mkt buy	2.24 2.24	AUD AUD	ORD ORD	8,372 99,354	8,3 ⁻ 99,3
18-Mar-24	MANAGEMENT INC BlackRock Investment Management (UK)	on mkt buy	2.24	AUD	ORD	95,320	95,32
18-Mar-24	Limited BlackRock Investment Management (UK) Limited	on mkt buy	2.24	AUD	ORD	110,743	110,74
18-Mar-24	BlackRock Investment Management (UK)	on mkt buy	2.24	AUD	ORD	108,547	108,54
	Limited						

Date of Change	Person whose relevant interest changed	Nature of char Consideration giver change	in relation to	ССҮ		number of s affected	Person's votes affected
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.24	AUD	ORD	130,956	130,95
18-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.24	AUD	ORD	666,588	666,58
18-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.24	AUD	ORD	180,417	180,41
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.25	AUD	ORD	371,550	371,55
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.25	AUD	ORD	108,798	108,79
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.25	AUD	ORD	47,217	47,21
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.25	AUD	ORD	151,893	151,89
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.25	AUD	ORD	912,902	912,90
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.25	AUD	ORD	24,462	24,46
18-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.25	AUD	ORD	290,308	290,30
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.25	AUD	ORD	278,518	278,51
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.25	AUD	ORD	323,586	323,58
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.25	AUD	ORD	317,169	317,16
18-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.25	AUD	ORD	233,537	233,53
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.25	AUD	ORD	382,644	382,64
18-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.25	AUD	ORD	1,947,733	1,947,73
18-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.25	AUD	ORD	527,169	527,16
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.26	AUD	ORD	4,882	4,88
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.26	AUD	ORD	1,430	1,43
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.26	AUD	ORD	620	62
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.26	AUD	ORD	1,977	1,97
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.26	AUD	ORD	11,882	11,88
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.26	AUD	ORD	571	57
18-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.26	AUD	ORD	3,778	3,77
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.26	AUD	ORD	3,660	3,66
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.26	AUD	ORD	4,212	4,21
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.26	AUD	ORD	4,128	4,12
18-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.26	AUD	ORD	3,069	3,06
18-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.26	AUD	ORD	5,028	5,02
18-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.26	AUD	ORD	25,595	25,59
18-Mar-24	BlackRock Investment Management, LLC	on mkt buy	2.26	AUD	ORD	6,927	6,92
18-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.25	AUD	ORD	11	1
18-Mar-24	BLACKROCK ADVISORS LLC	on mkt buy	2.25	AUD	ORD	513	51
18-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.25	AUD	ORD	977	97
18-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,358,676	-1,358,67
18-Mar-24	APERIO GROUP LLC	in specie	n/a	AUD	ORD	17,658	17,65
18-Mar-24	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-441,229	-441,22
18-Mar-24	BlackRock Institutional Trust Company,	in specie	n/a	AUD	ORD	-25,905	-25,90
	National Association						-13,70
18-Mar-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-13,708	-13

20-Mar-24 Tevin Murray, 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)		nd number of curities	Person's votes	Nature of Association
APERIO GROUP LLC	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	17,658	17,658	Subsidiary of BlackRock, Inc
BlackRock Advisors (UK) _imited	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	432,977	432,977	Subsidiary of BlackRock, Inc
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,464,014	1,464,014	Subsidiary of BlackRock, Inc
BlackRock Advisors (UK) _imited	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	4,210,950	4,210,950	Subsidiary of BlackRock, Inc
BlackRock Advisors (UK) _imited	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	275,404	275,404	Subsidiary of BlackRock, Inc
BLACKROCK ADVISORS LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,716,760	1,716,760	Subsidiary of BlackRock, Inc
BLACKROCK ADVISORS LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,900,793	1,900,793	Subsidiary of BlackRock, Inc
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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,760,857	1,760,857	Subsidiary of BlackRock, Inc
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	330,933	330,933	Subsidiary of BlackRock, Inc
BLACKROCK CAPITAL MANAGEMENT INC	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	16,330	16,330	Subsidiary of BlackRock, Inc
BLACKROCK FINANCIAL MANAGEMENT INC	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,020	1,020	Subsidiary of BlackRock, Inc
BLACKROCK FINANCIAL MANAGEMENT INC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	457,344	457,344	Subsidiary of BlackRock, Inc

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		nd number of curities	Person's votes	Nature of Association
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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	240,167	240,167	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT INC	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	23,503	23,503	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT INC	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	244,792	244,792	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,097,155	3,097,155	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	14,351,885	14,351,885	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,798,011	3,798,011	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE · NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	16,425,117	16,425,117	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	78,501	78,501	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,609	3,609	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BNP-BNP PARIBAS AUSTRALIA - COGENT		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, reponsible entity or trustee.	ORD	179,439	179,439	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) 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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	52,252	52,252	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) _imited	CITI-Citigroup Australia - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	26,779	26,779	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	19,411,138	19,411,138	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,262,447	3,262,447	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,694,589	3,694,589	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,272,325	1,272,325	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes	Nature of Association
BlackRock Investment Management (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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	7,882,585	7,882,585	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	574,059	574,059	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CB-Caceis Bank Amsterdam		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, reponsible entity or trustee.	ORD	694,380	694,380	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	228,186	228,186	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	550,270	550,270	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE · NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	118,414	118,414	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	509,771	509,771	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	Northern Trust Luxembourg		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, reponsible entity or trustee.	ORD	734,061	734,061	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	536,615	536,615	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,771,353	3,771,353	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	326,135	326,135	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	413,732	413,732	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE · NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	46,044	46,044	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	933,926	933,926	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JP MORGAN CHASE · NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	27,143	27,143	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	Mitsubishi UFJ Investor Services & Banking Lux S.A		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, reponsible entity or trustee.	ORD	34,173	34,173	Subsidiary of BlackRock, Inc.

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

	20-Mar-24
Tevin Murray,	Date
Authorised Signatory	

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	50 Hudson Yards New York, NY 10001 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BLACKROCK ADVISORS LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BLACKROCK CAPITAL MANAGEMENT INC	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK FINANCIAL MANAGEMENT INC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833- 3505

This is Annexure D of 3 pages referred to in form 604 Notice of change of interests of substantial shareholder.

	20-Mar-2024
Tevin Murray, Authorised Signatory	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 to forms 604.
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 to forms 604.
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?	Yes, at notice.
If yes, detail	
Will the securities be returned on settlement?	Yes.
If yes, detail any exceptions	

A copy of the relevant agreement will be provided to REGION GROUP 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) Credit Suisse AG, Dublin Branch GMSLA, 28 September 2015
- (h) Credit Suisse International GMSLA, 10 March 2014
- (i) Credit Suisse Securities (Europe) Limited GMSLA, 26 August 2015
- (j) Deutsche Bank AG, London Branch GMSLA, 25 August 2017
- (k) Goldman Sachs International GMSLA, 2nd August 2022
- (I) HSBC Bank plc GMSLA GMSLA, 27 October 2016
- (m) ING Bank N.V. GMSLA, 12 November 2018
- (n) J.P. Morgan Securities plc GMSLA, 12 July 2011
- (o) Macquarie Bank Limited GMSLA, 18 August 2014
- (p) Merrill Lynch International GMSLA, 3 February 2020
- (q) Morgan Stanley & Co International plc GMSLA, 9 June 2021
- (r) Natixis SA GMSLA, 29 January 2018
- (s) Nomura International plc GMSLA, 2 November 2011
- (t) Royal Bank of Canada Europe Limited GMSLA, 3 February 2017
- (u) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) GMSLA, 1 April 2011
- (v) Santander UK Plc GMSLA, 25 January 2019
- (w) Societe Generale GMSLA, 27 January 2012
- (x) UBS AG GMSLA, 28 April 2016
- (y) UBS Europe SE GMSLA, 1 February 2019
- (z) BAL/Banco Santander, S.A. GMSLA, 30 April 2019
- (aa) Canadian Imperial Bank of Commerce, London Branch GMSLA, 21 June 2019
- (bb) Zürcher Kantonalbank GMSLA, 30 October 2019
- (cc) The Hongkong and Shanghai Banking Corporation Limited GMSLA, 7 February 2020
- (dd) BNP Paribas Prime Brokerage International Limited GMSLA 19 October 2021
- (ee) Jefferies International Limited GMLSA 22 June 2023

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 International GMSLA, April 4, 2020
- h. Credit Suisse Securities (Europe) Limited GMSLA, October 2, 2015
- i. Deutsche Bank AG, London Branch GMSLA, June 7, 2017
- j. Goldman Sachs International GMSLA, February 20, 2023
- k. HSBC Bank plc GMSLA, February 12, 2013
- I. J.P. Morgan Securities plc GMSLA, October 4, 2016
- m. J.P. Morgan Securities plc GMSLA (Pledge), July 1, 2020
- n. Macquarie Bank Limited GMSLA, October 3, 2016
- o. Merrill Lynch International GMSLA, February 19, 2014
- p. Morgan Stanley & Co International plc GMSLA, November 16, 2021
- q. Nomura International plc GMSLA 03 August 2018
- r. Societe Generale GMSLA, September 28, 2016
- s. UBS AG GMSLA, May 26, 2016
- t. UBS AG GMSLA (Pledge), June 2, 2020
- u. UBS Europe SE GMSLA, 1 February 2019
- v. The Hongkong and Shanghai Banking Corporation Limited GMSLA, 22 February 2019
- w. RBC Europe Limited GMSLA, 4 February 2019
- x. ING BANK N.V. GMSLA, 27 February, 2019
- y. BANCO SANTANDER, S.A. GMSLA, 11 September, 2019
- z. Credit Suisse A.G., Singapore Branch GMSLA, 25 October, 2019

- aa. Natixis S.A. GMSLA, November 21, 2019.
- bb. CREDIT SUISSE INTERNATIONAL GMSLA, 4 April 2020
- cc. BNP Paribas Prime Brokerage International Limited GMSLA 22 November 2021

These counterparties do not pledge Australian equities: (a) Merrill Lynch, Pierce, Fenner Smith Incorporated

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