605

Corporations Act 2001 Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme PERPETUAL LTD

ACN/ARSN 000 431 827

1. Details of substantial holder(1)

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

ACN/ARSN (if applicable) to this form)

The holder ceased to be a

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change(5)	Class (6) and number of securities affected	Person's votes affected
	Annexure A & C				

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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

4. Addresses

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

Name	Address
Annexure B	

Signature

print name Shawna Reese capacity *Authorised Signatory

sign here date 25 / 01 /2023

^{*} 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 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) 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.

- (5) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) 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 54 pages referred to in form 605 Notice of ceasing to be a substantial shareholder

25-Jan-23

Shawna Reese, Authorised Signatory

Date

2. Changes in relevant interests

PERPETUAL LTD (PPT)										
Date of Change	Person whose relevant interest changed	Consideration g	Nature of change (4) / Consideration given in relation to change (5)		Class (6) and number of securities affected		Person's votes affected			
09-Dec-20	BlackRock Japan Co., Ltd.	on mkt sell	33.95	AUD	ord	-4,042	-4,042			
09-Dec-20	BlackRock Investment Management, LLC	on mkt sell	33.95	AUD	ord	-3,663	-3,663			
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.98	AUD	ord	-654	-654			
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.98	AUD	ord	-1,397	-1,397			
09-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	33.95	AUD	ord	-568	-568			
09-Dec-20	BlackRock Japan Co., Ltd.	on mkt sell	33.95	AUD	ord	-645	-645			
09-Dec-20	BlackRock Japan Co., Ltd.	on mkt sell	33.95	AUD	ord	-1,919	-1,919			
09-Dec-20	BlackRock Investment Management, LLC	on mkt sell	33.95	AUD	ord	-1,437	-1,437			
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.95	AUD	ord	-448	-448			
09-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	33.95	AUD	ord	-1,122	-1,122			
09-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	33.98	AUD	ord	-559	-559			
09-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	33.95	AUD	ord	-1,536	-1,536			
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.95	AUD	ord	-433	-433			
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.95	AUD	ord	-447	-447			
09-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	33.98	AUD	ord	-323	-323			
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.04	AUD	ord	122	122			
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	34.04	AUD	ord	-1,850	-1,850			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.87	AUD	ord	-1,071	-1,071			
10-Dec-20	BlackRock Advisors, LLC	on mkt sell	35.97	AUD	ord	-1,510	-1,510			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.97	AUD	ord	-444	-444			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.97	AUD	ord	-4,387	-4,387			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.97	AUD	ord	-945	-945			
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	35.97	AUD	ord	-1,309	-1,309			
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	35.97	AUD	ord	-1,034	-1,034			
10-Dec-20	BlackRock Asset Management Canada Limited	on mkt sell	35.97	AUD	ord	-1,246	-1,246			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.97	AUD	ord	-3,115	-3,115			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.97	AUD	ord	-1,982	-1,982			
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.87	AUD	ord	-411	-411			
10-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	36.02	AUD	ord	2,502	2,502			
10-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	36.01	AUD	ord	1,251	1,251			
10-Dec-20	BlackRock Fund Advisors	on mkt buy	36.02	AUD	ord	56	56			
11-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,719	1,719			
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ord	-765				
11-Dec-20	BlackRock Advisors, LLC	on mkt sell	34.89	AUD	ord	-1,528				
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.89	AUD	ord	-493	-493			

Date of Change	Person whose relevant interest changed	Consideration g	change (4) / liven in relation to nge (5)	CCY	Class (6) and number of securities affected		Person's votes affected	
11-Dec-20	BlackRock Investment Management, LLC	on mkt buy	34.92	AUD	ord	528	528	
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.89	AUD	ord	-4,688	-4,688	
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.89	AUD	ord	-1,038	-1,038	
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	34.89	AUD	ord	-1,145	-1,145	
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	34.89	AUD	ord	-893	-893	
11-Dec-20	BlackRock Asset Management Canada Limited	on mkt sell	34.89	AUD	ord	-1,309	-1,309	
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.89	AUD	ord	-3,106	-3,106	
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.89	AUD	ord	-1,902	-1,902	
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.98	AUD	ord	-312	-312	
11-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.82	AUD	ord	-1,321	-1,321	
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.82	AUD	ord	2,013	2,013	
11-Dec-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-5,862	-5,862	
14-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.85	AUD	ord	-368	-368	
14-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.85	AUD	ord	-879	-879	
14-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.83	AUD	ord	356	356	
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.92	AUD	ord	427	427	
14-Dec-20	BlackRock Investment Management (Australia) Limited		34.83	AUD	ord	-420	-420	
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.83	AUD	ord	2,135	2,135	
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	34.83	AUD	ord	-9,893	-9,893	
14-Dec-20	BlackRock Fund Advisors	on mkt sell	34.83	AUD	ord	-89	-89	
14-Dec-20	BlackRock Asset Management Deutschland AG	on mkt sell	34.83	AUD	ord	-2,291	-2,291	
14-Dec-20	BlackRock Fund Advisors	on mkt sell	34.83	AUD	ord	-329	-329	
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.84	AUD	ord	-364	-364	
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.84	AUD	ord	-243	-243	
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.84	AUD	ord	-772	-772	
15-Dec-20	BlackRock Advisors, LLC	on mkt sell	34.86	AUD	ord	-1,398	-1,398	
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.86	AUD	ord	-329	-329	
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.86	AUD	ord	-5,238	-5,238	
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.86	AUD	ord	-1,063	-1,063	
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	34.86	AUD	ord	-1,297	-1,297	
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	34.86	AUD	ord	-960	-960	
15-Dec-20	BlackRock Asset Management Canada Limited	on mkt sell	34.86	AUD	ord	-1,361	-1,361	
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.86	AUD	ord	-2,887	-2,887	
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.84	AUD	ord	-213	-213	
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.77	AUD	ord	-300	-300	
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.77	AUD	ord	244	244	
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.77	AUD	ord	1,525	1,525	
16-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.85	AUD	ord	-216	-216	
16-Dec-20	BlackRock Japan Co., Ltd.	on mkt sell	34.85	AUD	ord	-297	-297	
16-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	34.85	AUD	ord	-319	-319	
16-Dec-20	BlackRock Investment Management, LLC		34.85	AUD	ord	-1,614	-1,614	
16-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.83	AUD	ord	-2,164	-2,164	
16-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.85	AUD	ord	-1,014	-1,014	

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Date of Change	Person whose relevant interest changed	Consideration (change (4) / given in relation to nge (5)	CCY	Class (6) and number of securities affected		Person's votes affected
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.77	AUD	ord	2,145	2,145
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.77	AUD	ord	61	61
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.77	AUD	ord	244	244
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.14	AUD	ord	-72	-72
17-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.58	AUD	ord	155	155
17-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	35.58	AUD	ord	2,444	2,444
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	35.58	AUD	ord	-10,725	-10,725
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.58	AUD	ord	183	183
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.87	AUD	ord	-330	-330
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	375	375
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.85	AUD	ord	183	183
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	4,408	4,408
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	347	347
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	1,765	1,765
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	4,222	4,222
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	1,346	1,346
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	1,332	1,332
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	2,644	2,644
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,780	3,780
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.27	AUD	ord	122	122
22-Dec-20	BlackRock Asset Management Deutschland AG	on mkt sell	34.52	AUD	ord	-12,220	-12,220
22-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.56	AUD	ord	-417	-417
22-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.52	AUD	ord	630	630
23-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-940	-940
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.07	AUD	ord	-5,677	-5,677
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.94	AUD	ord	315	315
23-Dec-20	BlackRock Fund Advisors	on mkt buy	34.94	AUD	ord	77	77
24-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.19	AUD	ord	-799	-799
24-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.04	AUD	ord	155	155
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.04	AUD	ord	61	61
29-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,128	-1,128
29-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.15	AUD	ord	-2,033	-2,033
30-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,160	2,160
30-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.94	AUD	ord	-1,259	-1,259
30-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.94	AUD	ord	-3,590	-3,590
30-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.01	AUD	ord	2,143	2,143

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Date of Change	Person whose relevant interest changed	Considerati	e of change (4) / on given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.01	AUD	ord	-1,855	-1,855
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.01	AUD	ord	-1,963	-1,963
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.92	AUD	ord	-3,183	-3,183
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.76	AUD	ord	315	315
31-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.76	AUD	ord	183	183
31-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.76	AUD	ord	-2,567	-2,567
31-Dec-20	BlackRock Institutional Trust	on mkt buy	34.76	AUD	ord	1,698	1,698
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.83	AUD	ord	-1,888	-1,888
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,080	1,080
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	540	540
05-Jan-21	BlackRock Investment Management	on mkt buy	34.80	AUD	ord	378	378
05-Jan-21	BlackRock Asset Management	on mkt buy	34.80	AUD	ord	1,231	1,231
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	34.80	AUD	ord	2,143	2,143
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.80	AUD	ord	-358	-358
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	810	810
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	34.84	AUD	ord	194	194
06-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.79	AUD	ord	-2,031	-2,031
07-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.06	AUD	ord	64	64
07-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.09	AUD	ord	-2,117	-2,117
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,345	1,345
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	807	807
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	538	538
07-Jan-21	BlackRock Investment Management	on mkt buy	36.21	AUD	ord	189	189
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	36.21	AUD	ord	61	61
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	36.21	AUD	ord	183	183
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.53	AUD	ord	-3,271	-3,271
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.53	AUD	ord	-3,617	-3,617
08-Jan-21	BlackRock Investment Management	on mkt buy	36.39	AUD	ord	369	369
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.39	AUD	ord	1,701	1,701
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.39	AUD	ord	126	126
08-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.39	AUD	ord	1,341	1,341
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	540	540
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.16	AUD	ord	245	245
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.16	AUD	ord	146	146
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	36.00	AUD	ord	2,143	2,143
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	36.00	AUD	ord	-4,194	-4,194
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	36.00	AUD	ord	1,173	1,173
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	36.00	AUD	ord	-2,535	-2,535
12-Jan-21	BlackRock Investment Management (Australia) Limited		36.33	AUD	ord	-599	-599
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,700	2,700
12-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.33	AUD	ord	189	189

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Date of Change	Person whose relevant interest changed	Consideration	change (4) / given in relation to nge (5)	CCY	Class (6) and securities		Person's votes affected
12-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.35	AUD	ord	361	361
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	540	540
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.02	AUD	ord	278	278
13-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.02	AUD	ord	-1,979	-1,979
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	36.09	AUD	ord	217	217
14-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.09	AUD	ord	-815	-815
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	35.97	AUD	ord	61	61
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	35.97	AUD	ord	122	122
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	35.52	AUD	ord	183	183
19-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.66	AUD	ord	258	258
20-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,438	3,438
20-Jan-21	BlackRock Fund Advisors	on mkt buy	35.43	AUD	ord	66	66
21-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.72	AUD	ord	610	610
21-Jan-21	BlackRock Fund Advisors	on mkt sell	35.62	AUD	ord	-67	-67
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	35.89	AUD	ord	61	61
22-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.16	AUD	ord	-5,540	-5,540
25-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.68	AUD	ord	-981	-981
25-Jan-21	BlackRock Asset Management Deutschland AG	on mkt buy	33.67	AUD	ord	1,230	1,230
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	813	813
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,168	2,168
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.24	AUD	ord	-1,238	-1,238
27-Jan-21	BlackRock Investment Management, LLC	on mkt sell	33.28	AUD	ord	-907	-907
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,880	1,880
27-Jan-21	BlackRock Asset Management Deutschland AG	on mkt buy	33.12	AUD	ord	1,230	1,230
28-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.05	AUD	ord	-850	-850
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	32.06	AUD	ord	61	61
29-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	752	752
29-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.45	AUD	ord	-32,081	-32,081
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	32.27	AUD	ord	2,216	2,216
02-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,444	2,444
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	32.59	AUD	ord	61	61
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	32.59	AUD	ord	122	122
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,626	1,626
03-Feb-21	BlackRock Investment Management, LLC	on mkt sell	33.27	AUD	ord	-676	-676
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.30	AUD	ord	1,764	1,764
03-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	33.30	AUD	ord	122	122

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Date of Change	Person whose relevant interest changed	Considerat	re of change (4) / ion given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.30	AUD	ord	528	528
04-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.31	AUD	ord	-493	-493
04-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.43	AUD	ord	356	356
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.04	AUD	ord	252	252
09-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	542	542
09-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.09	AUD	ord	-2,841	-2,841
09-Feb-21	BlackRock Advisors, LLC	on mkt sell	33.10	AUD	ord	-1,018	-1,018
09-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.10	AUD	ord	-2,931	-2,931
09-Feb-21	BlackRock Asset Management Canada Limited	on mkt sell	33.10	AUD	ord	-966	-966
09-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.10	AUD	ord	-1,812	-1,812
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.87	AUD	ord	-194	-194
10-Feb-21	BlackRock Investment Management, LLC	on mkt sell	32.87	AUD	ord	-2,052	-2,052
11-Feb-21	BlackRock Investment Management, LLC	on mkt buy	32.43	AUD	ord	275	275
11-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.41	AUD	ord	-2,475	-2,475
11-Feb-21	BlackRock Advisors, LLC	on mkt sell	32.40	AUD	ord	-1,163	-1,163
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.40	AUD	ord	-3,244	-3,244
11-Feb-21	BlackRock Asset Management Canada Limited	on mkt sell	32.40	AUD	ord	-957	-957
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.40	AUD	ord	-2,094	-2,094
11-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	32.39	AUD	ord	122	122
12-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	542	542
12-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	32.74	AUD	ord	61	61
16-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,438	3,438
17-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.34	AUD	ord	-42	-42
18-Feb-21	BlackRock Asset Management Canada Limited	on mkt sell	31.55	AUD	ord	-698	-698
18-Feb-21	BlackRock Institutional Trust	on mkt sell	31.55	AUD	ord	-1,565	-1,565
18-Feb-21	BlackRock Institutional Trust	on mkt sell	31.53	AUD	ord	-55	-55
18-Feb-21	BlackRock Investment Management, LLC		31.58	AUD	ord	299	299
18-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	31.73	AUD	ord	-2,143	-2,143
18-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.40	AUD	ord	-2,421	-2,421
19-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.89	AUD	ord	-3,010	-3,010
19-Feb-21	BlackRock Institutional Trust	on mkt sell	30.94	AUD	ord	-156	-156
19-Feb-21	BlackRock Advisors, LLC	on mkt sell	30.90	AUD	ord	-1,509	-1,509
19-Feb-21	BlackRock Institutional Trust BlackRock Asset Management	on mkt sell	30.90	AUD	ord	-361	-361
19-Feb-21 19-Feb-21	BlackRock Asset Management BlackRock Institutional Trust	on mkt sell on mkt sell	30.90 30.90	AUD AUD	ord ord	-1,144 -2,074	-1,144
19-Feb-21	Company, National Association BlackRock Investment Management,	on mkt buy	30.90	AUD		314	-2,074
22-Feb-21	LLC BlackRock Institutional Trust	on mkt buy	30.93	AUD	ord	-146	-146
	Company, National Association				ord		
22-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.63	AUD	ord	-408	-408
22-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	30.48	AUD	ord	378	378
22-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	30.48	AUD	ord	183	183
23-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,439	2,439

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23-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.73	AUD	ord	-821	-821
23-Feb-21	BlackRock Advisors, LLC	on mkt sell	30.76	AUD	ord	-1,785	-1,785
23-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.76	AUD	ord	-5,592	-5,592
23-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.76	AUD	ord	-743	-743
23-Feb-21	BlackRock Asset Management Canada Limited	on mkt sell	30.76	AUD	ord	-1,417	-1,417
23-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.76	AUD	ord	-2,812	-2,812
23-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.76	AUD	ord	-1,933	-1,933
23-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.73	AUD	ord	-231	-231
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.72	AUD	ord	-182	-182
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.72	AUD	ord	-321	-321
24-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.72	AUD	ord	-1,846	-1,846
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.72	AUD	ord	-80	-80
24-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.74	AUD	ord	-1,861	-1,861
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	264	264
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	804	804
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,340	1,340
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	31.81	AUD	ord	61	61
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	170	170
25-Feb-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-32,863	-32,863
25-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.73	AUD	ord	-2,806	-2,806
25-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.73	AUD	ord	-6,447	-6,447
25-Feb-21	BlackRock Institutional Trust	on mkt sell	31.73	AUD	ord	-3,571	-3,571
25-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.73	AUD	ord	-2,426	-2,426
25-Feb-21	BlackRock Advisors, LLC	on mkt sell	31.73	AUD	ord	-1,926	-1,926
25-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.73	AUD	ord	-803	-803
25-Feb-21	BlackRock Asset Management Canada Limited	on mkt sell	31.73	AUD	ord	-1,529	-1,529
25-Feb-21	BlackRock Advisors, LLC	on mkt sell	31.73	AUD	ord	-410	-410
25-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.73	AUD	ord	-152	-152
25-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.73	AUD	ord	-349	-349
25-Feb-21	BlackRock Asset Management Deutschland AG	on mkt buy	31.66	AUD	ord	1,237	1,237
26-Feb-21	BlackRock Investment Management (Australia) Limited		30.70	AUD	ord	-4,168	-4,168
26-Feb-21	BlackRock Institutional Trust	on mkt sell	30.75	AUD	ord	-416	-416
26-Feb-21	BlackRock Investment Management (Australia) Limited		30.72	AUD	ord	-3,299	-3,299
26-Feb-21	BlackRock Advisors, LLC	on mkt sell	30.69	AUD	ord	-1,984	-1,984
26-Feb-21 26-Feb-21	BlackRock Advisors, LLC BlackRock Asset Management	on mkt sell on mkt sell	30.69 30.69	AUD AUD	ord ord	-422 -1,544	-422 -1,544
26-Feb-21	Canada Limited BlackRock Institutional Trust	on mkt sell	30.69	AUD	ord	-3,193	-3,193
26-Feb-21	Company, National Association BlackRock Institutional Trust	on mkt sell	30.69	AUD	ord	-2,496	-2,496
26-Feb-21	Company, National Association BlackRock Fund Advisors	on mkt buy	30.67	AUD	ord	537	537
26-Feb-21	BlackRock Fund Advisors	on mkt buy	30.67	AUD	ord	8,759	8,759
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26-Feb-21	BlackRock Asset Management Deutschland AG	on mkt buy	30.67	AUD	ord	3,849	3,849
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	30.67	AUD	ord	5,507	5,507
26-Feb-21	BlackRock Fund Advisors	on mkt buy	30.67	AUD	ord	12,812	12,812
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.67	AUD	ord	1,305	1,305
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.66	AUD	ord	869	869
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.66	AUD	ord	-508	-508
26-Feb-21	BlackRock Fund Advisors	on mkt buy	30.66	AUD	ord	179	179
26-Feb-21	BlackRock Fund Advisors	on mkt buy	30.66	AUD	ord	2,919	2,919
26-Feb-21	BlackRock Asset Management Deutschland AG	on mkt buy	30.66	AUD	ord	1,283	1,283
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	30.66	AUD	ord	1,835	1,835
26-Feb-21	BlackRock Fund Advisors	on mkt buy	30.66	AUD	ord	4,271	4,271
26-Feb-21	BlackRock Institutional Trust	on mkt buy	30.66	AUD	ord	436	436
26-Feb-21	Company, National Association BlackRock Institutional Trust Company, National Association	on mkt sell	30.66	AUD	ord	-1,826	-1,826
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,440	1,440
01-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.30	AUD	ord	-560	-560
01-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	31.31	AUD	ord	567	567
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	31.31	AUD	ord	-2,199	-2,199
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	31.31	AUD	ord	122	122
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	31.31	AUD	ord	366	366
02-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	31.43	AUD	ord	469	469
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,508	3,508
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,560	1,560
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,950	1,950
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,120	1,120
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.69	AUD	ord	-45	-45
02-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.56	AUD	ord	-190	-190
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.69	AUD	ord	-35	-35
02-Mar-21	BlackRock Investment Management, LLC	on mkt buy	31.36	AUD	ord	580	580
02-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.36	AUD	ord	-2,872	-2,872
02-Mar-21	BlackRock Advisors, LLC	on mkt sell	31.36	AUD	ord	-2,184	-2,184
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ord	-6,698	-6,698
02-Mar-21	BlackRock Institutional Trust	on mkt sell	31.36	AUD	ord	-927	-927
02-Mar-21	BlackRock Asset Management	on mkt sell	31.36	AUD	ord	-1,757	-1,757
02-Mar-21	BlackRock Institutional Trust	on mkt sell	31.36	AUD	ord	-3,542	-3,542
02-Mar-21	BlackRock Institutional Trust	on mkt sell	31.36	AUD	ord	-2,129 -171	-2,129 -171
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ord	-171	-171
02-Mar-21	BlackRock Advisors, LLC	on mkt sell	31.36	AUD	ord	-474	-474
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.36	AUD	ord	-130	-130

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / I given in relation to ange (5)	CCY	` '	Class (6) and number of securities affected	
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	31.27	AUD	ord	122	122
03-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.52	AUD	ord	-305	-305
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.44	AUD	ord	-5,324	-5,324
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.44	AUD	ord	-2,999	-2,999
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.44	AUD	ord	-6,669	-6,669
03-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.89	AUD	ord	-3,311	-3,311
04-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.92	AUD	ord	-7,962	-7,962
04-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.92	AUD	ord	-4,411	-4,411
04-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.92	AUD	ord	-2,651	-2,651
04-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.93	AUD	ord	-274	-274
04-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.93	AUD	ord	-858	-858
04-Mar-21	BlackRock Advisors, LLC	on mkt sell	30.92	AUD	ord	-2,380	-2,380
04-Mar-21	BlackRock Advisors, LLC	on mkt sell	30.92	AUD	ord	-505	-505
04-Mar-21	BlackRock Institutional Trust	on mkt sell	30.92	AUD	ord	-991	-991
04-Mar-21	Company, National Association BlackRock Asset Management Canada Limited	on mkt sell	30.92	AUD	ord	-436	-436
04-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	30.92	AUD	ord	-1,890	-1,890
04-Mar-21	BlackRock Investment Management	on mkt buy	31.00	AUD	ord	2,079	2,079
04-Mar-21	(Australia) Limited BlackRock Investment Management, LLC	on mkt buy	31.00	AUD	ord	1,247	1,247
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,400	1,400
05-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.36	AUD	ord	-9,461	-9,461
05-Mar-21	BlackRock Advisors, LLC	on mkt sell	30.24	AUD	ord	-2,354	-2,354
05-Mar-21	BlackRock Advisors, LLC	on mkt sell	30.24	AUD	ord	-500	-500
05-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.24	AUD	ord	-7,856	-7,856
05-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.24	AUD	ord	-981	-981
05-Mar-21	BlackRock Asset Management	on mkt sell	30.24	AUD	ord	-1,869	-1,869
05-Mar-21	Canada Limited BlackRock Institutional Trust	on mkt sell	30.24	AUD	ord	-4,350	-4,350
05-Mar-21	Company, National Association BlackRock Asset Management	on mkt sell	30.24	AUD	ord	-430	-430
05-Mar-21	Canada Limited BlackRock Institutional Trust	on mkt sell	30.35	AUD	ord	-336	-336
05-Mar-21	Company, National Association BlackRock Investment Management	on mkt buy	30.26	AUD	ord	2,520	2,520
05-Mar-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	30.22	AUD	ord	-4,398	-4,398
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	30.26	AUD	ord	61	61
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	30.26	AUD	ord	122	122
08-Mar-21	BlackRock Institutional Trust	on mkt sell	30.93	AUD	ord	-335	-335
09-Mar-21	Company, National Association BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,120	1,120
09-Mar-21	BlackRock Investment Management	on mkt sell	32.42	AUD	ord	-2,176	-2,176
09-Mar-21	(Australia) Limited BlackRock Advisors, LLC	on mkt sell	32.29	AUD	ord	-1,416	-1,416

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09-Mar-21	BlackRock Advisors, LLC	on mkt sell	32.29	AUD	ord	-301	-301
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ord	-4,737	-4,737
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ord	-589	-589
09-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	32.29	AUD	ord	-260	-260
09-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	32.29	AUD	ord	-1,124	-1,124
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ord	-2,624	-2,624
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ord	-1,389	-1,389
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.29	AUD	ord	-237	-237
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.35	AUD	ord	-323	-323
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	32.27	AUD	ord	2,200	2,200
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	32.27	AUD	ord	-2,200	-2,200
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.95	AUD	ord	-99	-99
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.95	AUD	ord	-334	-334
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.94	AUD	ord	-463	-463
10-Mar-21	BlackRock Japan Co., Ltd.	on mkt sell	31.94	AUD	ord	-469	-469
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	31.95	AUD	ord	-224	-224
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	31.95	AUD	ord	-174	-174
10-Mar-21	BlackRock Investment Management, LLC	on mkt sell	31.94	AUD	ord	-3,230	-3,230
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	31.95	AUD	ord	-470	-470
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	31.94	AUD	ord	-1,976	-1,976
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	31.94	AUD	ord	-1,233	-1,233
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.94	AUD	ord	-655	-655
10-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,002	2,002
10-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.92	AUD	ord	-5,234	-5,234
10-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.92	AUD	ord	-10,340	-10,340
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	32.00	AUD	ord	2,200	2,200
11-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.98	AUD	ord	-512	-512
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.98	AUD	ord	-6,504	-6,504
11-Mar-21	BlackRock Advisors, LLC	on mkt sell	31.98	AUD	ord	-1,325	-1,325
11-Mar-21	BlackRock Advisors, LLC	on mkt sell	31.98	AUD	ord	-458	-458
11-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.98	AUD	ord	-4,692	-4,692
11-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.98	AUD	ord	-887	-887
11-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	31.98	AUD	ord	-1,280	-1,280
11-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.98	AUD	ord	-1,969	-1,969
11-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.98	AUD	ord	-1,998	-1,998

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / I given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
11-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,560	1,560
11-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,415	1,415
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	32.04	AUD	ord	252	252
12-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,144	1,144
12-Mar-21	BlackRock Advisors, LLC	on mkt sell	32.19	AUD	ord	-2,423	-2,423
12-Mar-21	BlackRock Advisors, LLC	on mkt sell	32.19	AUD	ord	-525	-525
12-Mar-21	BlackRock Institutional Trust	on mkt sell	32.19	AUD	ord	-7,950	-7,950
12-Mar-21	Company, National Association BlackRock Institutional Trust	on mkt sell	32.19	AUD	ord	-1,026	-1,026
12-Mar-21	Company, National Association BlackRock Asset Management	on mkt sell	32.19	AUD	ord	-451	-451
12-Mar-21	Canada Limited BlackRock Asset Management	on mkt sell	32.19	AUD	ord	-1,956	-1,956
12-Mar-21	Canada Limited BlackRock Institutional Trust	on mkt sell	32.19	AUD	ord	-3,667	-3,667
12-Mar-21	Company, National Association BlackRock Institutional Trust	on mkt sell	32.19	AUD	ord	-2,269	-2,269
12-Mar-21	Company, National Association BlackRock Institutional Trust	on mkt sell	32.02	AUD	ord	-55	-55
12-Mar-21	Company, National Association BlackRock Asset Management	on mkt sell	32.18	AUD	ord	-537	-537
15-Mar-21	Deutschland AG BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,002	2,002
15-Mar-21	BlackRock Institutional Trust	on mkt sell	32.27	AUD	ord	-109	-109
15-Mar-21	Company, National Association BlackRock Advisors (UK) Limited	on mkt sell	32.36	AUD	ord	-2,196	-2,196
16-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.36	AUD	ord	-244	-244
16-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.36	AUD	ord	-4,046	-4,046
16-Mar-21	BlackRock Advisors, LLC	on mkt sell	32.36	AUD	ord	-1,773	-1,773
16-Mar-21	BlackRock Advisors, LLC	on mkt sell	32.36	AUD	ord	-464	-464
16-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.36	AUD	ord	-5,923	-5,923
16-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.36	AUD	ord	-909	-909
16-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	32.36	AUD	ord	-399	-399
16-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	32.36	AUD	ord	-1,587	-1,587
16-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.36	AUD	ord	-3,361	-3,361
16-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.36	AUD	ord	-1,737	-1,737
16-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	32.35	AUD	ord	183	183
17-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.34	AUD	ord	-97	-97
17-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.34	AUD	ord	-2,942	-2,942
17-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.34	AUD	ord	-7,377	-7,377
17-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	32.49	AUD	ord	61	61
18-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.59	AUD	ord	-1,349	-1,349
18-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.59	AUD	ord	-3,709	-3,709
18-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.59	AUD	ord	-688	-688
18-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	33.59	AUD	ord	-1,044	-1,044
18-Mar-21	BlackRock Institutional Trust	on mkt sell	33.59	AUD	ord	-2,147	-2,147

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Date of Change	Person whose relevant interest changed	Consideration	change (4) / given in relation to nge (5)	CCY	` ,	d number of affected	Person's votes affected
18-Mar-21	BlackRock Asset Management Deutschland AG	on mkt buy	33.54	AUD	ord	1,264	1,264
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.68	AUD	ord	-82	-82
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	1,780	1,780
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	704	704
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	33.71	AUD	ord	61	61
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	1,018	1,018
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	632	632
19-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	33.71	AUD	ord	392	392
19-Mar-21	BlackRock Fund Advisors	on mkt buy	33.71	AUD	ord	27,118	27,118
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	2,186	2,186
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	1,359	1,359
19-Mar-21	BlackRock Investment Management, LLC	on mkt sell	33.71	AUD	ord	-608	-608
19-Mar-21	BlackRock Investment Management	on mkt sell	33.71	AUD	ord	-450	-450
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.71	AUD	ord	-1,671	-1,671
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	33.71	AUD	ord	-58,214	-58,214
19-Mar-21	BlackRock Asset Management	on mkt buy	33.71	AUD	ord	841	841
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.71	AUD	ord	-1,095	-1,095
19-Mar-21 19-Mar-21	BlackRock Fund Advisors	on mkt buy	33.71	AUD	ord	58,178	58,178
	BlackRock Investment Management (Australia) Limited	on mkt sell	33.71	AUD	ord	-735	-735
19-Mar-21 19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.71	AUD	ord	872	872
	BlackRock Investment Management (Australia) Limited	on mkt buy			ord	543	543
19-Mar-21	BlackRock Investment Management (Australia) Limited BlackRock Asset Management	on mkt sell	33.71	AUD	ord	-982	-982 -336
19-Mar-21	Canada Limited BlackRock Fund Advisors	on mkt buy	33.71	AUD	ord	336	23,171
19-Mar-21	BlackRock Asset Management	on mkt buy on mkt sell	33.71 33.71	AUD	ord ord	23,171 -41,433	-41,433
19-Mar-21	Deutschland AG BlackRock Fund Advisors	on mkt sell	33.71	AUD		-6,440	-6,440
19-Mar-21	BlackRock Fund Advisors	on mkt buy	33.71	AUD	ord ord	7,560	7,560
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.71	AUD	ord	-1,120	-1,120
22-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	340	340
22-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	187	187
22-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	33.06	AUD	ord	-3,949	-3,949
22-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	32.99	AUD	ord	297	297
22-Mar-21	BlackRock Fund Advisors	on mkt sell	32.87	AUD	ord	-257	-257
22-Mar-21	BlackRock Asset Management Deutschland AG	on mkt sell	32.87	AUD	ord	-2,602	-2,602
22-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	960	960
24-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	32.80	AUD	ord	-2,966	-2,966
24-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	32.87	AUD	ord	-1,817	-1,817
24-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	340	340
24-Mar-21 25-Mar-21	BlackRock Fund Advisors BlackRock Fund Advisors	in specie on mkt sell	n/a 32.68	AUD	ord ord	255 -383	255 -383
26-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.05	AUD	ord	-144	-144
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.05	AUD	ord	-3,404	-3,404
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.05	AUD	ord	-1,356	-1,356
26-Mar-21	BlackRock Investment Management	on mkt sell	33.03	AUD	ord	-5,910	-5,910

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Date of Change	Person whose relevant interest changed	Consideration g	change (4) / iven in relation to ige (5)	CCY	Class (6) and securities		Person's votes affected
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	124	124
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	186	186
26-Mar-21	BlackRock Fund Advisors	on mkt buy	33.31	AUD	ord	88	88
29-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,880	2,880
29-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	807	807
29-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.18	AUD	ord	-95	-95
29-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.14	AUD	ord	620	620
30-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	32.41	AUD	ord	438	438
30-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	32.26	AUD	ord	1,643	1,643
31-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,440	1,440
31-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.06	AUD	ord	-1,793	-1,793
31-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.06	AUD	ord	-2,488	-2,488
31-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	32.99	AUD	ord	366	366
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	32.99	AUD	ord	-2,017	-2,017
31-Mar-21	BlackRock Asset Management Deutschland AG	on mkt buy	32.99	AUD	ord	1,169	1,169
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	32.99	AUD	ord	1,878	1,878
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	960	960
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,120	3,120
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	33.03	AUD	ord	1,828	1,828
01-Apr-21	BlackRock Fund Advisors	on mkt buy	33.03	AUD	ord	92	92
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,728	1,728
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	576	576
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,360	3,360
06-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.47	AUD	ord	1,160	1,160
06-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.41	AUD	ord	434	434
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	33.43	AUD	ord	122	122
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.43	AUD	ord	-1,729	-1,729
08-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2.016	2,016
08-Apr-21	BlackRock Institutional Trust	on mkt sell	34.35	AUD	ord	-39	-39
08-Apr-21	Company, National Association BlackRock Investment Management	on mkt buy	34.33	AUD	ord	1,517	1,517
08-Apr-21	(Australia) Limited BlackRock Asset Management	on mkt buy	34.34	AUD	ord	1,052	1,052
	Deutschland AG						
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.34	AUD	ord	1,826	1,826
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,450	1,450
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,680	1,680
09-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.99	AUD	ord	-157	-157
09-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.99	AUD	ord	-115	-115
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,656	1,656
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,210	1,210
12-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.04	AUD	ord	-139	-139
12-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.04	AUD	ord	-85	-85
12-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	34.08	AUD	ord	1,730	1,730
12-Apr-21	BlackRock Fund Advisors	on mkt buy	34.08	AUD	ord	7,000	7,000
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.08	AUD	ord	4,136	4,136
12-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	34.08	AUD	ord	1,514	1,514
12-Apr-21	BlackRock Investment Management (UK) Limited		34.08	AUD	ord	77	77
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.08	AUD	ord	602	602
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.08	AUD	ord	61	61

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	920	920
13-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.20	AUD	ord	-111	-111
13-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.20	AUD	ord	-119	-119
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.35	AUD	ord	806	806
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.35	AUD	ord	356	356
13-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.35	AUD	ord	61	61
13-Apr-21	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ord	-1,583	-1,583
14-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,452
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.26	AUD	ord	-360	-360
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.26	AUD	ord	-567	-567
14-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	34.26	AUD	ord	-361	-361
14-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	34.26	AUD	ord	-193	-193
14-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	34.26	AUD	ord	-600	-600
14-Apr-21	BlackRock Investment Management, LLC	on mkt sell	34.26	AUD	ord	-605	-605
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.26	AUD	ord	-302	-302
14-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.26	AUD	ord	-1,931	-1,931
14-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.26	AUD	ord	-5,183	-5,183
15-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,452
15-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.37	AUD	ord	-409	-409
15-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.37	AUD	ord	-188	-188
15-Apr-21	BlackRock Advisors, LLC	on mkt sell	34.37	AUD	ord	-837	-837
15-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.37	AUD	ord	-3,016	-3,016
15-Apr-21	BlackRock Asset Management Canada Limited	on mkt sell	34.37	AUD	ord	-886	-886
15-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.37	AUD	ord	-2,814	-2,814
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	34.26	AUD	ord	-3,652	-3,652
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	34.37	AUD	ord	-1,826	-1,826
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	34.41	AUD	ord	-10,956	-10,956
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.37	AUD	ord	61	61
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.37	AUD	ord	61	61
15-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	238	238
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.17	AUD	ord	-570	-570
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.17	AUD	ord	-180	-180
16-Apr-21	BlackRock Advisors, LLC	on mkt sell	34.17	AUD	ord	-1,533	-1,533
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.17	AUD	ord	-5,125	-5,125
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.17	AUD	ord	-638	-638
16-Apr-21	BlackRock Asset Management Canada Limited	on mkt sell	34.17	AUD	ord	-1,216	-1,216
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.17	AUD	ord	-2,839	-2,839
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.17	AUD	ord	-1,929	-1,929
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.17	AUD	ord	61	61
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	34.17	AUD	ord	183	183
19-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,425	1,425
19-Apr-21	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust	on mkt sell	34.15	AUD	ord	-458	-458
19-Apr-21	Company, National Association	on mkt sell	34.15	AUD	ord	-94	-94
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	34.34	AUD	ord	-3,650	-3,650

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Date of Change	Person whose relevant interest changed	Consideration	f change (4) / given in relation to inge (5)	CCY	Class (6) and securities		Person's votes affected
20-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.25	AUD	ord	-460	-460
20-Apr-21	BlackRock Asset Management Canada Limited	on mkt sell	34.25	AUD	ord	-663	-663
20-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.25	AUD	ord	-1,906	-1,906
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,452
21-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.79	AUD	ord	-272	-272
21-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	33.79	AUD	ord	-554	-554
21-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	33.79	AUD	ord	-660	-660
21-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	33.79	AUD	ord	-291	-291
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.77	AUD	ord	-2,477	-2,477
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.77	AUD	ord	-6,071	-6,071
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.03	AUD	ord	-620	-620
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	33.91	AUD	ord	3,650	3,650
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	34.03	AUD	ord	-3,650	-3,650
21-Apr-21	BlackRock Investment Management (UK) Limited		34.03	AUD	ord	1,523	1,523
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.03	AUD	ord	489	489
21-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.03	AUD	ord	-1,223	-1,223
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	572	572
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	306	306
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	340	340
22-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,694	1,694
22-Apr-21	BlackRock Institutional Trust	on mkt sell	33.72	AUD	ord	-302	-302
22-Apr-21	Company, National Association BlackRock Investment Management	on mkt buy	33.74	AUD	ord	5,746	5,746
22-Apr-21	(UK) Limited BlackRock Institutional Trust	on mkt sell	33.72	AUD	ord	-1,772	-1,772
23-Apr-21	Company, National Association BlackRock Institutional Trust	on mkt sell	33.81	AUD	ord	-428	-428
23-Apr-21	Company, National Association BlackRock Institutional Trust	on mkt sell	33.81	AUD	ord	-329	-329
23-Apr-21	Company, National Association BlackRock Institutional Trust	on mkt sell	33.80	AUD	ord	-1,175	-1,175
•	Company, National Association						
23-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.91	AUD	ord	1,612	1,612
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	855	855
26-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.41	AUD	ord	-380	-380
26-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.41	AUD	ord	-104	-104
26-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	35.39	AUD	ord	-5,475	-5,475
26-Apr-21 26-Apr-21	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell	35.39 35.39	AUD	ord ord	-3,650 -473	-3,650 -473
	(Australia) Limited						
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,210	1,210
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	51	51
27-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.14	AUD	ord	-263	-263
27-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.15	AUD	ord	3,729	3,729
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,150	1,150
28-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.23	AUD	ord	-350	-350
28-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	35.23	AUD	ord	-174	-174
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	35.19	AUD	ord	-1,823	-1,823
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	35.19	AUD	ord	61	61
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	35.19	AUD	ord	122	122
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	35.19	AUD	ord	122	122
29-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,995	1,995

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Date of Change	Person whose relevant interest changed	Consideration	e of change (4) / on given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
29-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.05	AUD	ord	-290	-290
29-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.08	AUD	ord	1,433	1,433
30-Apr-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,540	1,540
30-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.69	AUD	ord	-245	-245
30-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.65	AUD	ord	744	744
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	34.62	AUD	ord	-3,646	-3,646
30-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.65	AUD	ord	-1,024	-1,024
30-Apr-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-329	-329
03-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.24	AUD	ord	682	682
04-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.22	AUD	ord	3,882	3,882
04-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,936	1,936
04-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.49	AUD	ord	321	321
05-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	560	560
05-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.87	AUD	ord	-159	-159
05-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	34.98	AUD	ord	43	43
05-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.07	AUD	ord	8,490	8,490
05-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	880	880
06-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.50	AUD	ord	2,500	2,500
06-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	35.59	AUD	ord	-4,774	-4,774
06-May-21	BlackRock Advisors (UK) Limited	on mkt sell	35.59	AUD	ord	-1,823	-1,823
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	35.59	AUD	ord	122	122
07-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	880	880
07-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	35.58	AUD	ord	-5,642	-5,642
10-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	598	598
10-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	35.55	AUD	ord	-2,108	-2,108
10-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	35.55	AUD	ord	-1,612	-1,612
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	204	204
11-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.21	AUD	ord	-73	-73
11-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.21	AUD	ord	1,835	1,835
11-May-21	BlackRock Advisors, LLC	on mkt sell	35.21	AUD	ord	-1,516	-1,516
11-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.21	AUD	ord	-4,799	-4,799
11-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	35.13	AUD	ord	3,392	3,392
11-May-21	BlackRock Advisors (UK) Limited	on mkt buy	35.22	AUD	ord	305	305
11-May-21	BlackRock Fund Advisors	on mkt buy	35.22	AUD	ord	109	109
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	874	874
11-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	920	920
12-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	968	968
12-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.70	AUD	ord	-349	-349
12-May-21	BlackRock Japan Co., Ltd.	on mkt sell	34.70	AUD	ord	-592	-592
12-May-21	BlackRock Japan Co., Ltd.	on mkt sell	34.70	AUD	ord	-710	-710
12-May-21	BlackRock Advisors (UK) Limited	on mkt buy	34.60	AUD	ord	183	183
12-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	34.60	AUD	ord	2,965	2,965
13-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.50	AUD	ord	-494	-494
13-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.51	AUD	ord	745	745
13-May-21	BlackRock Advisors, LLC	on mkt sell	34.50	AUD	ord	-1,344	-1,344

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Date of Change	Person whose relevant interest changed	Consideration g	change (4) / iven in relation to ige (5)	CCY	Class (6) and securities		Person's votes affected
13-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.50	AUD	ord	-4,266	-4,266
13-May-21	BlackRock Asset Management Deutschland AG	on mkt buy	34.64	AUD	ord	1,266	1,266
14-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.03	AUD	ord	-419	-419
14-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.02	AUD	ord	-2,609	-2,609
14-May-21	BlackRock Advisors (UK) Limited	on mkt buy	35.02	AUD	ord	3,646	3,646
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	35.02	AUD	ord	-1,823	-1,823
17-May-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-3,300	-3,300
17-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
17-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	572	572
17-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.43	AUD	ord	-746	-746
17-May-21	BlackRock Asset Management Deutschland AG	on mkt sell	35.28	AUD	ord	-1,058	-1,058
18-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	430	430
18-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	430	430
18-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.37	AUD	ord	-680	-680
18-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.37	AUD	ord	-89	-89
18-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.37	AUD	ord	441	441
18-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.28	AUD	ord	366	366
19-May-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	170	170
19-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.35	AUD	ord	-428	-428
19-May-21	BlackRock Japan Co., Ltd.	on mkt sell	34.35	AUD	ord	-837	-837
19-May-21	BlackRock Japan Co., Ltd.	on mkt sell	34.35	AUD	ord	-981	-981
19-May-21	BlackRock Investment Management (UK) Limited		34.35	AUD	ord	-182	-182
19-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.35	AUD	ord	-388	-388
19-May-21	BlackRock Investment Management (Australia) Limited		34.34	AUD	ord	-942	-942
19-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	34.37	AUD	ord	1,013	1,013
20-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.68	AUD	ord	-613	-613
20-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.68	AUD	ord	-95	-95
20-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.68	AUD	ord	1,587	1,587
20-May-21	BlackRock Advisors, LLC	on mkt sell	34.68	AUD	ord	-1,213	-1,213
20-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.68	AUD	ord	-3,857	-3,857
20-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.98	AUD	ord	868	868
20-May-21	BlackRock Advisors (UK) Limited	on mkt buy	34.98	AUD	ord	1,822	1,822
20-May-21 21-May-21	BlackRock Advisors (UK) Limited BlackRock Institutional Trust	on mkt buy on mkt sell	34.98 35.41	AUD AUD	ord ord	-1,652	-1,652
21-May-21	Company, National Association BlackRock Institutional Trust	on mkt sell	35.41	AUD	ord	-944	-944
04 14 04	Company, National Association	on mal-t!!	05.44	ALID	1	4 000	4.000
21-May-21	BlackRock Advisors, LLC	on mkt sell	35.41	AUD	ord	-1,202	-1,202
21-May-21 24-May-21	BlackRock Institutional Trust Company, National Association BlackRock Institutional Trust	on mkt sell	35.41	AUD	ord	-2,686 -269	-2,686 -269
	Company, National Association BlackRock Institutional Trust				ord		-208
25-May-21	Company, National Association	on mkt buw	36.35	AUD	ord	-272	
25-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.36	AUD	ord	357	357
25-May-21	BlackRock Advisors, LLC BlackRock Advisors (UK) Limited	on mkt sell	36.35 36.77	AUD	ord	-1,041	-1,041
25-May-21 26-May-21	BlackRock Advisors (UK) Limited BlackRock Fund Advisors	on mkt buy in specie	36.77 n/a	AUD AUD	ord ord	122 2,420	122 2,420
26-May-21	BlackRock Institutional Trust	on mkt sell	36.19	AUD	ord	-236	-236

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Date of Change	Person whose relevant interest changed		re of change (4) / ion given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
26-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	36.19	AUD	ord	-14	-14
26-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.20	AUD	ord	-865	-865
26-May-21	BlackRock Japan Co., Ltd.	on mkt sell	36.19	AUD	ord	-517	-517
26-May-21	BlackRock Investment Management (UK) Limited	on mkt sell	36.19	AUD	ord	-58	-58
26-May-21	BlackRock Investment Management, LLC	on mkt sell	36.19	AUD	ord	-526	-526
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.20	AUD	ord	-257	-257
27-May-21	BlackRock Fund Advisors	on mkt sell	37.25	AUD	ord	-13,479	-13,479
27-May-21	BlackRock Fund Advisors	on mkt sell	37.25	AUD	ord	-1,618	-1,618
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	37.25	AUD	ord	1,618	1,618
27-May-21	BlackRock Fund Advisors	on mkt sell	37.25	AUD	ord	-8,683	-8,683
28-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.86	AUD	ord	-94	-94
28-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.86	AUD	ord	-81	-81
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.72	AUD	ord	-103	-103
01-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.53	AUD	ord	-1,919	-1,919
02-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.82	AUD	ord	-70	-70
02-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.82	AUD	ord	-76	-76
02-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.88	AUD	ord	-817	-817
02-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.13	AUD	ord	450	450
02-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.13	AUD	ord	90	90
02-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.13	AUD	ord	90	90
02-Jun-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-3,749	-3,749
02-Jun-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-11,229	-11,229
03-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	644	644
03-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.31	AUD	ord	-94	-94
03-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.43	AUD	ord	-2,666	-2,666
03-Jun-21	BlackRock Fund Advisors	on mkt buy	38.43	AUD	ord	97	97
04-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,694	1,694
04-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.76	AUD	ord	-169	-169
04-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.76	AUD	ord	-80	-80
04-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.81	AUD	ord	-3,174	-3,174
04-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.72	AUD	ord	-2,480	-2,480
04-Jun-21	BlackRock Fund Advisors	on mkt buy	38.72	AUD	ord	78	78
07-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.53	AUD	ord	-191	-191
07-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.53	AUD	ord	-80	-80
08-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,932	-1,932
08-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.87	AUD	ord	-150	-150
08-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.87	AUD	ord	-76	-76
08-Jun-21	BlackRock Investment Management, LLC	on mkt sell	38.87	AUD	ord	-332	-332
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	39.00	AUD	ord	-61	-61
09-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.74	AUD	ord	-104	-104
09-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.74	AUD	ord	-52	-52

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / I given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
09-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.70	AUD	ord	-1,113	-1,113
10-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-4,860	-4,860
10-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.74	AUD	ord	-144	-144
10-Jun-21	BlackRock Investment Management, LLC	on mkt sell	38.74	AUD	ord	-536	-536
10-Jun-21	BlackRock Fund Advisors	on mkt buy	38.91	AUD	ord	8,312	8,312
10-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.97	AUD	ord	124	124
10-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	38.97	AUD	ord	-122	-122
10-Jun-21	BlackRock Fund Advisors	on mkt sell	38.97	AUD	ord	-235	-235
11-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.81	AUD	ord	-2,185	-2,185
11-Jun-21	BlackRock Investment Management, LLC	on mkt sell	38.81	AUD	ord	-402	-402
11-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.81	AUD	ord	-1,666	-1,666
15-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	527	527
15-Jun-21	BlackRock Fund Advisors	on mkt buy	39.00	AUD	ord	1,463	1,463
15-Jun-21	BlackRock Asset Management	on mkt sell	39.05	AUD	ord	-2,344	-2,344
15-Jun-21	Deutschland AG BlackRock Investment Management,		39.16	AUD	ord	-534	-534
	LLC BlackRock Institutional Trust						
15-Jun-21	Company, National Association	on mkt sell	39.13	AUD	ord	-41	-41
15-Jun-21	BlackRock Fund Advisors	on mkt buy	39.21	AUD	ord	76	76
15-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	510	510
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-544	-544
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,632	-1,632
16-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	39.15	AUD	ord	-322	-322
16-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.14	AUD	ord	-1,642	-1,642
16-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.14	AUD	ord	-3,252	-3,252
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	39.12	AUD	ord	-3,576	-3,576
17-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	968	968
17-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-540	-540
17-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.87	AUD	ord	-38	-38
17-Jun-21	BlackRock Investment Management, LLC	on mkt sell	38.87	AUD	ord	-567	-567
17-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.71	AUD	ord	-5,022	-5,022
18-Jun-21	BlackRock Investment Management, LLC	on mkt sell	38.88	AUD	ord	-699	-699
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.01	AUD	ord	885	885
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.01	AUD	ord	2,332	2,332
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.01	AUD	ord	557	557
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.01	AUD	ord	949	949
21-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-546	-546
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.58	AUD	ord	-458	-458
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.58	AUD	ord	-208	-208
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.67	AUD	ord	-1,552	-1,552
23-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,626	-1,626
23-Jun-21	BlackRock Institutional Trust	on mkt sell	38.71	AUD	ord	-173	-173
23-Jun-21	Company, National Association BlackRock Institutional Trust	on mkt sell	38.71	AUD	ord	-62	-62
22 1 04	Company, National Association	in anasis	n/a	ALID	ادرين	F40	F 40
23-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-542	-542 1.025
24-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,925	-1,925
25-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.12	AUD	ord	-2,098	-2,098

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Date of Change	Person whose relevant interest changed	Consideration	f change (4) / given in relation to inge (5)	CCY	` ,	d number of affected	Person's votes affected
25-Jun-21	BlackRock Investment Management, LLC	on mkt sell	39.13	AUD	ord	-460	-460
25-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.12	AUD	ord	-2,162	-2,16
28-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.16	AUD	ord	-86	-80
28-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.04	AUD	ord	373	37
28-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.04	AUD	ord	248	24
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.76	AUD	ord	-38	-3
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.76	AUD	ord	-2,611	-2,61
30-Jun-21	BlackRock Fund Advisors	on mkt buy	40.05	AUD	ord	76	7
30-Jun-21	BlackRock Investment Management (Australia) Limited		40.05	AUD	ord	-3,060	-3,06
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	40.05	AUD	ord	-908	-90
30-Jun-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-810	-81
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,350	-1,35
01-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	39.71	AUD	ord	1,182	1,18
01-Jul-21	BlackRock Investment Management,		39.64	AUD	ord	-410	-41
01-Jul-21	LLC BlackRock Investment Management	on mkt buy	39.60	AUD	ord	620	62
01 001 21	(Australia) Limited	on mike buy	00.00	NOD	oru	020	02
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	880	88
02-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,420	2,42
02-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-849	-84
02-Jul-21	BlackRock Investment Management, LLC	on mkt sell	40.25	AUD	ord	-368	-36
02-Jul-21	BlackRock Fund Advisors	on mkt buy	40.38	AUD	ord	106	10
02-Jul-21	BlackRock Asset Management Deutschland AG	on mkt buy	40.38	AUD	ord	1,692	1,69
05-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.92	AUD	ord	-41	-4
05-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.79	AUD	ord	354	35
06-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,626	-1,62
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	38.65	AUD	ord	1,914	1,91
07-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.48	AUD	ord	-338	-33
07-Jul-21	BlackRock Fund Advisors	on mkt buy	38.59	AUD	ord	75	7
07-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,188	1,18
08-Jul-21	BlackRock Asset Management Deutschland AG	on mkt buy	38.75	AUD	ord	1,053	1,05
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	38.75	AUD	ord	61	6
09-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,925	-1,92
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.10	AUD	ord	-166	-16
09-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.06	AUD	ord	-1,133	-1,13
09-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.25	AUD	ord	854	85
12-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.68	AUD	ord	-793	-79
13-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.62	AUD	ord	-323	-32
13-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	38.62	AUD	ord	4,309	4,30
14-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.87	AUD	ord	-70	-7
14-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.82	AUD	ord	-3,023	-3,02
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	900	90
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	288	28
15-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-2,613	-2,61
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.98	AUD	ord	-641	-64
							-3,33

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Date of Change	Person whose relevant interest changed	Considerat	re of change (4) / ion given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.10	AUD	ord	355	355
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	39.10	AUD	ord	-4,453	-4,453
16-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	39.10	AUD	ord	5,659	5,659
16-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,320	1,320
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-813	-813
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,355	-1,355
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,439	-2,439
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,626	-1,626
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	38.15	AUD	ord	3,640	3,640
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	38.17	AUD	ord	-1,769	-1,769
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,420	-2,420
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,626	-1,626
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	430	430
20-Jul-21	BlackRock Investment Management, LLC	on mkt sell	37.91	AUD	ord	-450	-450
20-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	37.98	AUD	ord	-2,074	-2,074
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,634	1,634
21-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.45	AUD	ord	-95	-95
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.29	AUD	ord	710	710
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	38.33	AUD	ord	-1,830	-1,830
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.29	AUD	ord	-3,693	-3,693
22-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-12,002	-12,002
22-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.40	AUD	ord	-93	-93
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.46	AUD	ord	-355	-355
22-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-534	-534
23-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	38.33	AUD	ord	51	51
23-Jul-21	BlackRock Investment Management (UK) Limited	on mkt sell	38.34	AUD	ord	-4,309	-4,309
23-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.40	AUD	ord	3,000	3,000
23-Jul-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-5,036	-5,036
26-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.72	AUD	ord	-51	-51
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	37.76	AUD	ord	103	103
28-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	37.43	AUD	ord	51	51
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	340	340
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,419	1,419
29-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	37.73	AUD	ord	105	105
29-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.75	AUD	ord .	640	640
29-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.87	AUD	ord	180	180
29-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	663	663
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.52	AUD	ord	355	355
30-Jul-21	BlackRock Fund Advisors	on mkt buy	37.52	AUD	ord	81	81
02-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	38.48	AUD	ord	93	93
02-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	860	860
02-Aug-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-142	-142
03-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.80	AUD	ord	-1,952	-1,952
04-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	360	360
05-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.57	AUD	ord	394	394
09-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-968	-968

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Date of Change	Person whose relevant interest changed	Considerati	e of change (4) / ion given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
10-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.75	AUD	ord	-437	-437
11-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.49	AUD	ord	-2,852	-2,852
11-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.60	AUD	ord	116	116
12-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.50	AUD	ord	-275	-275
13-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.73	AUD	ord	270	270
13-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.73	AUD	ord	-116	-116
13-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	8,970	8,970
16-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	12,148	12,148
16-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.43	AUD	ord	366	366
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,100	1,100
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	559	559
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	324	324
17-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	39.50	AUD	ord	5,748	5,748
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.48	AUD	ord	-2,157	-2,157
17-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.48	AUD	ord	-1,788	-1,788
17-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.49	AUD	ord	-53	-53
17-Aug-21	BlackRock Advisors, LLC	on mkt sell	39.48	AUD	ord	-378	-378
17-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.48	AUD	ord	-537	-537
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	39.47	AUD	ord	-854	-854
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.47	AUD	ord	355	355
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,100	1,100
18-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	16,618	16,618
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,005	4,005
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	550	550
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,750	2,750
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,375	1,375
19-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.13	AUD	ord	-218	-218
19-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.13	AUD	ord	-392	-392
19-Aug-21	BlackRock Financial Management, Inc.	on mkt sell	39.13	AUD	ord	-3,308	-3,308
19-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.12	AUD	ord	671	671
20-Aug-21	BlackRock Advisors, LLC	on mkt sell	38.95	AUD	ord	-495	-495
20-Aug-21	BlackRock Asset Management Canada Limited	on mkt sell	38.95	AUD	ord	-437	-437
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.95	AUD	ord	-358	-358
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.01	AUD	ord	-150	-150
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.01	AUD	ord	-281	-281
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.95	AUD	ord	-152	-152
20-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	38.91	AUD	ord	-179	-179
23-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.12	AUD	ord	-127	-127
23-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.12	AUD	ord	-167	-167
23-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	39.00	AUD	ord	90	90
24-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,146	3,146
24-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.27	AUD	ord	-127	-127

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Date of Change	Person whose relevant interest changed		re of change (4) / ion given in relation to change (5)	CCY	Class (6) and securities		Person's votes affected
24-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.27	AUD	ord	-53	-53
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	536	536
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,072	1,072
25-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.88	AUD	ord	-213	-213
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	40.24	AUD	ord	1,170	1,170
25-Aug-21	BlackRock Investment Management (Australia) Limited		40.24	AUD	ord	793	793
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	536	536
25-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	6,700	6,700
26-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	430	430
26-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	40.65	AUD	ord	-789	-789
26-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	40.65	AUD	ord	-371	-371
26-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	40.78	AUD	ord	-366	-366
26-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	40.78	AUD	ord	-1,820	-1,820
27-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,365	1,365
27-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	40.68	AUD	ord	-872	-872
27-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	40.68	AUD	ord	-57	-57
27-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	40.87	AUD	ord	1,220	1,220
27-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,914	4,914
30-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.18	AUD	ord	-906	-906
30-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.18	AUD	ord	-116	-116
30-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	41.50	AUD	ord	355	355
30-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,264	3,264
31-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,662	2,662
31-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	136	136
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.89	AUD	ord	-1,460	-1,460
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.89	AUD	ord	-425	-425
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	41.89	AUD	ord	-5,263	-5,263
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	42.27	AUD	ord	355	355
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	42.27	AUD	ord	355	355
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	42.27	AUD	ord	183	183
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	42.27	AUD	ord	-788	-788
31-Aug-21	BlackRock Fund Advisors	on mkt buy	42.27	AUD	ord	1,911	1,911
31-Aug-21	BlackRock Institutional Trust	on mkt sell	42.27	AUD	ord	-1,734	-1,734
01-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	41.63	AUD	ord	-877	-877
01-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	41.63	AUD	ord	-273	-273
02-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	40.59	AUD	ord	-1,399	-1,399
02-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	40.59	AUD	ord	-644	-644
02-Sep-21	Company, National Association BlackRock Investment Management	on mkt buy	40.79	AUD	ord	180	180
02-Sep-21	(Australia) Limited BlackRock Investment Management	on mkt buy	40.79	AUD	ord	1,835	1,835
02-Sep-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	40.79	AUD	ord	-272	-272
02-Sep-21	BlackRock Investment Management, LLC		40.79	AUD	ord	1,047	1,047
02-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	546	546
02-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	272	272

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Date of Change	Person whose relevant interest changed	Consideration	f change (4) / given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
03-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.43	AUD	ord	-547	-547
03-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.43	AUD	ord	-847	-847
03-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	544	544
03-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,720	2,720
06-Sep-21	BlackRock Institutional Trust	on mkt sell	41.09	AUD	ord	-574	-574
06-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	41.09	AUD	ord	-548	-548
06-Sep-21	Company, National Association BlackRock Investment Management	on mkt buy	41.29	AUD	ord	732	732
06-Sep-21	(Australia) Limited BlackRock Investment Management	on mkt buy	41.29	AUD	ord	5,490	5,490
07-Sep-21	(Australia) Limited BlackRock Investment Management		41.47	AUD	ord	3,904	3,904
	(Australia) Limited BlackRock Institutional Trust	on mkt sell	41.71	AUD			
08-Sep-21	Company, National Association				ord	-56	-56
08-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	41.78	AUD	ord	671	671
09-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.63	AUD	ord	-413	-413
09-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.63	AUD	ord	-128	-128
09-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	41.62	AUD	ord	5,429	5,429
10-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	42.22	AUD	ord	-642	-642
10-Sep-21	BlackRock Institutional Trust	on mkt sell	42.22	AUD	ord	-344	-344
10-Sep-21	Company, National Association BlackRock Investment Management,	on mkt sell	42.22	AUD	ord	-432	-432
10-Sep-21	BlackRock Investment Management	on mkt buy	42.26	AUD	ord	854	854
10-Sep-21	(Australia) Limited BlackRock Investment Management	on mkt sell	42.26	AUD	ord	-8,723	-8,723
10-Sep-21	(Australia) Limited BlackRock Investment Management	on mkt sell	42.26	AUD	ord	-61	-61
12 Can 21	(Australia) Limited BlackRock Fund Advisors	in anasia	n/a	ALID	and	1 210	1 010
13-Sep-21 13-Sep-21	BlackRock Institutional Trust	in specie on mkt sell	n/a 42.05	AUD	ord ord	1,210 -849	1,210 -849
13-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	42.05	AUD	ord	-358	-358
14-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	41.88	AUD	ord	-20	-20
14-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	41.88	AUD	ord	-880	-880
14-Sep-21	Company, National Association BlackRock Institutional Trust	on mkt sell	41.88	AUD	ord	-225	-225
14-Sep-21	Company, National Association BlackRock Asset Management	on mkt sell	41.52	AUD	ord	-970	-970
	Deutschland AG						
14-Sep-21	BlackRock Fund Advisors	on mkt buy	41.52	AUD	ord	71	71
15-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	40.56	AUD	ord	-1,874	-1,874
15-Sep-21	BlackRock Investment Management (UK) Limited	on mkt sell	40.60	AUD	ord	-47	-47
15-Sep-21	BlackRock Asset Management Deutschland AG	on mkt buy	40.59	AUD	ord	1,048	1,048
16-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,494	1,494
16-Sep-21	BlackRock Investment Management	on mkt sell	40.11	AUD	ord	-23	-23
16-Sep-21	(UK) Limited BlackRock Investment Management,		40.72	AUD	ord	-291	-291
16-Sep-21	LLC BlackRock Institutional Trust	on mkt sell	40.72	AUD	ord	-187	-187
16-Sep-21	Company, National Association BlackRock Investment Management	on mkt buy	40.72	AUD	ord	401	401
•	(Australia) Limited						
16-Sep-21	BlackRock Fund Advisors	on mkt buy	40.76	AUD	ord	18,849	18,849
17-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	40.24	AUD	ord	-129	-129
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	40.29	AUD	ord	1,233	1,233

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Date of Change	Person whose relevant interest changed	Consideratio	of change (4) / n given in relation to hange (5)	CCY	Class (6) an	d number of affected	Person's votes affected
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	40.29	AUD	ord	3,816	3,816
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	40.18	AUD	ord	270	270
17-Sep-21	BlackRock Investment Management (UK) Limited	on mkt buy	40.18	AUD	ord	493	493
17-Sep-21	BlackRock Investment Management (UK) Limited	on mkt sell	40.18	AUD	ord	-2,887	-2,887
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	40.18	AUD	ord	-1,723	-1,723
20-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.92	AUD	ord	-70	-70
20-Sep-21	BlackRock Investment Management, LLC	on mkt sell	38.92	AUD	ord	-715	-715
20-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.60	AUD	ord	473	473
20-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	374	374
21-Sep-21	BlackRock Institutional Trust	on mkt sell	38.06	AUD	ord	-73	-73
	Company, National Association						
21-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.06	AUD	ord	-1,776	-1,776
22-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,096	1,096
23-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	548	548
23-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.24	AUD	ord	-38	-38
23-Sep-21	BlackRock Investment Management, LLC		38.24	AUD	ord	-425	-425
24-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.38	AUD	ord	-119	-119
24-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.33	AUD	ord	3,671	3,671
24-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.23	AUD	ord	335	335
24-Sep-21	BlackRock Fund Advisors	on mkt sell	38.20	AUD	ord	-606	-606
24-Sep-21	BlackRock Fund Advisors	on mkt sell	38.20	AUD	ord	-19,421	-19,421
27-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	39.07	AUD	ord	-49	-49
27-Sep-21	BlackRock Fund Advisors BlackRock Institutional Trust	on mkt buy	39.09	AUD	ord	74	74
28-Sep-21	Company, National Association	on mkt sell	39.29	AUD	ord	-80	-80
28-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	39.33	AUD	ord	-1,820	-1,820
29-Sep-21	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell	38.23	AUD	ord	-1,820	-1,820
29-Sep-21 30-Sep-21	BlackRock Fund Advisors	on mkt sell in specie	38.23 n/a	AUD AUD	ord ord	-6,318 822	-6,318 822
30-Sep-21	BlackRock Institutional Trust	on mkt sell	38.30	AUD	ord	-1,552	-1,552
	Company, National Association						
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.30	AUD	ord	-378	-378
30-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,146	3,146
30-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.23	AUD	ord	-2,815	-2,815
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	38.23	AUD	ord	-431	-431
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.97	AUD	ord	270	270
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.97	AUD	ord	610	610
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.97	AUD	ord	3,125	3,125
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,452
04-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	37.39	AUD	ord	-73	-73
04-Oct-21	BlackRock Fund Advisors	on mkt buy	37.41	AUD	ord	154	154
04-Oct-21	BlackRock Asset Management Deutschland AG	on mkt buy	37.41	AUD	ord	1,675	1,675
04-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	37.41	AUD	ord	1,458	1,458
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	704	704
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,232	1,232
05-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	36.26	AUD	ord	-140	-140
05-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.17	AUD	ord	436	436

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / n given in relation to nange (5)	CCY	Class (6) and securities		Person's votes affected
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	528	528
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	968	968
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
06-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	35.79	AUD	ord	-274	-274
06-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.80	AUD	ord	488	488
07-Oct-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-5,224	-5,224
07-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	36.41	AUD	ord	-397	-397
07-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	36.38	AUD	ord	-5,493	-5,493
07-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	324	324
07-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	648	648
08-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,904	2,904
08-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	36.67	AUD	ord	-485	-485
08-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.70	AUD	ord	549	549
08-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	36.70	AUD	ord	1,830	1,830
08-Oct-21	BlackRock Fund Advisors	on mkt buy	36.70	AUD	ord	115	115
08-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.70	AUD	ord	971	971
11-Oct-21	BlackRock Fund Advisors	on mkt buy	36.42	AUD	ord	6,273	6,273
12-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.08	AUD	ord	-386	-386
12-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.08	AUD	ord	1,159	1,159
13-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.21	AUD	ord	488	488
14-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	968	968
14-Oct-21	BlackRock Investment Management	on mkt buy	36.52	AUD	ord	405	405
14-Oct-21	(Australia) Limited BlackRock Investment Management	on mkt sell	36.40	AUD	ord	-2,892	-2,892
00.2.	(Australia) Limited		00.10	7.02	0.0	_,00_	_,00_
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	36.82	AUD	ord	-284	-284
15-Oct-21	BlackRock Investment Management (Australia) Limited		37.07	AUD	ord	270	270
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	37.07	AUD	ord	1,831	1,831
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	37.07	AUD	ord	1,831	1,831
15-Oct-21	BlackRock Asset Management Deutschland AG	on mkt buy	37.07	AUD	ord	907	907
15-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.07	AUD	ord	1,532	1,532
18-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	37.46	AUD	ord	61	61
18-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.46	AUD	ord	1,586	1,586
19-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.56	AUD	ord	-1,205	-1,205
19-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-726	-726
19-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,188	1,188
20-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.61	AUD	ord	-650	-650
20-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.61	AUD	ord	-5,601	-5,601
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	37.50	AUD	ord	-149	-149
20-Oct-21	BlackRock Investment Management (Australia) Limited		37.61	AUD	ord	-6,733	-6,733
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	37.46	AUD	ord	61	61
20-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.46	AUD	ord	-1,502	-1,502
21-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	40.08	AUD	ord	-1,601	-1,601
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	968	968
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	484	484
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,184	2,184
22-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	41.08	AUD	ord	-350	-350
22-Oct-21	BlackRock Advisors, LLC	on mkt sell	41.08	AUD	ord	-424	-424
22-Oct-21	BlackRock Investment Management	on mkt sell	41.09	AUD	ord	-583	-583

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Date of Change	Person whose relevant interest changed	Consideratio	of change (4) / n given in relation to nange (5)	CCY	Class (6) and securities		Person's votes affected
22-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	41.10	AUD	ord	-299	-299
25-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	39.39	AUD	ord	-106	-106
25-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.83	AUD	ord	230	230
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.37	AUD	ord	-1,568	-1,568
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	38.32	AUD	ord	332	332
26-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	528	528
27-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	38.63	AUD	ord	-5,011	-5,01
07.0-1.04	· · · · · · · · · · · · · · · · · · ·		1-	ALID		200	200
27-Oct-21 27-Oct-21	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt buy	n/a 38.74	AUD AUD	ord ord	360 122	360 122
28-Oct-21	(Australia) Limited BlackRock Investment Management	on mkt sell	37.87	AUD	ord	-1,871	-1,87
29-Oct-21	(Australia) Limited BlackRock Investment Management	on mkt buy	37.66	AUD	ord	180	180
29-Oct-21	(Australia) Limited BlackRock Investment Management	on mkt buy	37.66	AUD	ord	793	79:
29-Oct-21	(Australia) Limited BlackRock Investment Management	on mkt buv	37.66	AUD	ord	244	244
	(Australia) Limited BlackRock Institutional Trust						
29-Oct-21	Company, National Association	on mkt buy	37.66	AUD	ord	874	874
29-Oct-21	BlackRock Investment Management (UK) Limited	on mkt sell	37.66	AUD	ord	-3,548	-3,548
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	180	180
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	38.24	AUD	ord	3,658	3,658
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,320	1,320
03-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	47,449	47,449
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.46	AUD	ord	1,281	1,28
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.46	AUD	ord	90	90
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.63	AUD	ord	-10,365	-10,365
04-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.24	AUD	ord	-467	-467
04-Nov-21	BlackRock Financial Management,	on mkt sell	37.23	AUD	ord	-2,365	-2,365
05 Nav. 04	Inc.		1-	ALID		200	200
05-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	360	360
05-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	198	198
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.15	AUD	ord	1,220	1,220
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.15	AUD	ord	732	732
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.15	AUD	ord	122	122
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	37.15	AUD	ord	90	90
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	822	822
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	37.31	AUD	ord	122	122
09-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	37.08	AUD	ord	-194	-194
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,457	2,45
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	288	288
10-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.87	AUD	ord	971	97
10-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.87	AUD	ord	1,311	1,311
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,452
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	968	968
10-Nov-21	BlackRock Investment Management	on mkt buy	36.84	AUD	ord	90	90
10-Nov-21	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt sell	36.84	AUD	ord	-1,830	-1,830
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	548	548
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	880	880
10 Nov. 01	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-2,462	-2,462
10-Nov-21 11-Nov-21	BlackRock Investment Management	on mkt buy	36.85	AUD	ord	239	239

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Date of Change	Person whose relevant interest changed	Nature of o Consideration gi chan	ven in relation to	CCY	Class (6) and securities		Person's votes affecte
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	184	18
15-Nov-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	774	77
16-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.62	AUD	ord	-297	-29
16-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,45
16-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	36.29	AUD	ord	1,830	1,83
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,420	2,42
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	36.61	AUD	ord	61	6
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	36.61	AUD	ord	122	12
17-Nov-21	BlackRock Fund Advisors	•	n/a	AUD		561	56
18-Nov-21	BlackRock Investment Management	in specie on mkt buy	36.48	AUD	ord ord	90	90
	(Australia) Limited						
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	405	40
18-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.48	AUD	ord	90	g
19-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.45	AUD	ord	610	61
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	36.45	AUD	ord	183	18
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,452	1,45
22-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	528	52
22-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	36.53	AUD	ord	-2,062	-2,06
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.38	AUD	ord	61	6
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.44	AUD	ord	379	37
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.38	AUD	ord	915	91
24-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-4,069	-4,06
24-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.04	AUD	ord	360	36
24-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.04	AUD	ord	610	61
24-Nov-21	BlackRock Fund Advisors	on mkt buy	36.04	AUD	ord	77	7
24-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	36.04	AUD	ord	7,320	7,32
25-Nov-21	BlackRock Advisors (UK) Limited	•	35.72				
	BlackRock Advisors (UK) Limited	on mkt sell	35.72	AUD	ord	-1,832	-1,83
25-Nov-21	. ,	on mkt buy			ord	1,387	1,38
25-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-1,050	-1,05
26-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.43	AUD	ord	244	24
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	34.43	AUD	ord	-1,841	-1,84
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	34.43	AUD	ord	61	6
26-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.43	AUD	ord	-543	-54
29-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.20	AUD	ord	732	73
29-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.20	AUD	ord	804	80
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.55	AUD	ord	1,383	1,38
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.33	AUD	ord	305	30
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.33	AUD	ord	-1,350	-1,35
30-Nov-21	BlackRock Financial Management, Inc.	on mkt sell	34.33	AUD	ord	-262	-26
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	34.33	AUD	ord	-747	-74
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.33	AUD	ord	-1,266	-1,26
30-Nov-21	BlackRock Fund Advisors	on mkt sell	34.33	AUD	ord	-4,576	-4,57
01-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.92	AUD	ord	10,878	10,87
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,210	-1,21
01-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	33.93	AUD	ord	1,062	1,06
02-Dec-21	BlackRock Investment Management	on mkt buy	33.24	AUD	ord	48	4

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Date of Change	Person whose relevant interest changed	Consideration g	change (4) / liven in relation to nge (5)	CCY	Class (6) and securities		Person's votes affected
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.68	AUD	ord	591	59
02-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	792	79:
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.75	AUD	ord	1,352	1,352
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.70	AUD	ord	-1,830	-1,830
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	33.70	AUD	ord	61	6
02-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-34	-34
03-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.15	AUD	ord	12,478	12,478
03-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	34.22	AUD	ord	1,062	1,062
03-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	7,280	7,280
03-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-821	-82
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-201	-20 ⁻
06-Dec-21	BlackRock Fund Advisors	on mkt buy	34.15	AUD	ord	121	12 ⁻
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.63	AUD	ord	341	34
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	33.63	AUD	ord	4,880	4,880
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.63	AUD	ord	-612	-612
07-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.26	AUD	ord	2,174	2,174
07-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.41	AUD	ord	5,185	5,18
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	34.41	AUD	ord	122	122
08-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.86	AUD	ord	795	79
08-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.86	AUD	ord	4,003	4,003
08-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.85	AUD	ord	2,064	2,064
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	34.50	AUD	ord	-58	-58
08-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.86	AUD	ord	12,435	12,43
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	34.89	AUD	ord	-1,843	-1,843
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	34.89	AUD	ord	391	39 ⁻
09-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.15	AUD	ord	516	510
09-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ord	130	130
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.19	AUD	ord	973	973
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.19	AUD	ord	3,608	3,608
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.19	AUD	ord	3,862	3,862
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.19	AUD	ord	7,650	7,650
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	36.13	AUD	ord	429	429
13-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	35.68	AUD	ord	-1,708	-1,708
13-Dec-21	BlackRock Fund Advisors	on mkt sell	35.68	AUD	ord	-489	-489
13-Dec-21	BlackRock Fund Advisors	on mkt sell	35.68	AUD	ord	-8,535	-8,53
14-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-6,634	-6,634
14-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-8,210	-8,210
14-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.51	AUD	ord	3,271	3,27
14-Dec-21	BlackRock Investment Management (Australia) Limited		35.45	AUD	ord	360	360
14-Dec-21	BlackRock Asset Management Deutschland AG	on mkt sell	35.45	AUD	ord	-3,141	-3,14
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.45	AUD	ord	5,235	5,23
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	35.45	AUD	ord	6,661	6,66

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(Australia) Li 15-Dec-21 BlackRock Ir (Australia) Li 15-Dec-21 BlackRock A 15-Dec-21 BlackRock A 16-Dec-21 BlackRock Ir (Australia) Li 16-Dec-21 BlackRock Ir (Australia) Li 16-Dec-21 BlackRock Ir (UK) Limited 16-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 24-Dec-21 BlackRock Ir (Australia) Li 25-Dec-21 BlackRock Ir (Australia) Li 26-Dec-21 BlackRock Ir (Australia) Li 27-Dec-21 BlackRock Ir (Australia) Li 28-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	hose relevant interest changed		change (4) / given in relation to nge (5)	CCY	Class (6) and securities		Person's votes affected
15-Dec-21 BlackRock Ir (Australia) Li 15-Dec-21 BlackRock A 15-Dec-21 BlackRock Ir (Australia) Li 16-Dec-21 BlackRock Ir (Australia) Li 16-Dec-21 BlackRock Ir (UK) Limited If-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 24-Dec-21 BlackRock Ir (Australia) Li 25-Dec-21 BlackRock Ir (Australia) Li 26-Dec-21 BlackRock Ir (Australia) Li 27-Dec-21 BlackRock Ir (Australia) Li 28-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li	Investment Management	on mkt buy	35.47	AUD	ord	1,243	1,243
15-Dec-21 BlackRock Ir (Australia) Li 15-Dec-21 BlackRock A 16-Dec-21 BlackRock Ir (Australia) Li 16-Dec-21 BlackRock Ir (UK) Limited 16-Dec-21 BlackRock Ir (UK) Limited 16-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock F 20-Dec-21 BlackRock A 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 24-Dec-21 BlackRock Ir (Australia) Li 25-Dec-21 BlackRock Ir (Australia) Li 26-Dec-21 BlackRock Ir (Australia) Li 27-Dec-21 BlackRock Ir (Australia) Li 28-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li	Investment Management	on mkt buy	35.47	AUD	ord	9,174	9,174
15-Dec-21 BlackRock A 15-Dec-21 BlackRock I (Australia) Li 16-Dec-21 BlackRock II (UK) Limited 16-Dec-21 BlackRock II (UK) Limited 16-Dec-21 BlackRock II (Australia) Li 17-Dec-21 BlackRock II (Australia) Li 20-Dec-21 BlackRock II (Australia) Li 20-Dec-21 BlackRock II (Australia) Li 20-Dec-21 BlackRock II (Australia) Li 21-Dec-21 BlackRock II (Australia) Li 22-Dec-21 BlackRock II (Australia) Li 23-Dec-21 BlackRock II (Australia) Li 22-Dec-21 BlackRock II (Australia) Li 22-Dec-21 BlackRock II (Australia) Li 23-Dec-21 BlackRock II (Australia) Li 24-Dec-21 BlackRock II (Australia) Li 25-Dec-21 BlackRock II (Australia) Li 28-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li 28-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li	Investment Management	on mkt buy	35.38	AUD	ord	346	346
15-Dec-21 BlackRock A 16-Dec-21 BlackRock Ir (Australia) Li 16-Dec-21 BlackRock IR (UK) Limited 16-Dec-21 BlackRock A Deutschland 17-Dec-21 BlackRock IR (Australia) Li 20-Dec-21 BlackRock IR (Australia) Li 20-Dec-21 BlackRock IR (Australia) Li 21-Dec-21 BlackRock IR (Australia) Li 22-Dec-21 BlackRock IR (Australia) Li 23-Dec-21 BlackRock IR (Australia) Li 24-Dec-21 BlackRock IR (Australia) Li 25-Dec-21 BlackRock IR (Australia) Li 26-Dec-21 BlackRock IR (Australia) Li 27-Dec-21 BlackRock IR (Australia) Li 28-Dec-21 BlackRock IR (Australia) Li 29-Dec-21 BlackRock IR (Australia) Li	Advisors (UK) Limited	on mkt sell	35.38	AUD	ord	-5,520	-5,520
(Australia) Li 16-Dec-21 BlackRock Ir (UK) Limited 16-Dec-21 BlackRock A Deutschland 17-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock F 20-Dec-21 BlackRock A 20-Dec-21 BlackRock A 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 24-Dec-21 BlackRock Ir (Australia) Li 25-Dec-21 BlackRock Ir (Australia) Li 28-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	Advisors (UK) Limited	on mkt sell	35.38	AUD	ord	-4,274	-4,274
16-Dec-21 BlackRock Ir (UK) Limited 16-Dec-21 BlackRock A Deutschland 17-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock F 20-Dec-21 BlackRock A 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock F 21-Dec-21 BlackRock F 22-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 24-Dec-21 BlackRock Ir (Australia) Li 25-Dec-21 BlackRock Ir (Australia) Li	Investment Management	on mkt buy	35.72	AUD	ord	2,374	2,374
16-Dec-21 BlackRock A Deutschland 17-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	Investment Management	on mkt sell	35.73	AUD	ord	-160	-160
17-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 24-Dec-21 BlackRock Ir (Australia) Li 25-Dec-21 BlackRock Ir (Australia) Li 28-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	Asset Management	on mkt sell	35.51	AUD	ord	-1,046	-1,046
17-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	Investment Management	on mkt buy	35.77	AUD	ord	3,191	3,191
(Australia) Li 17-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	Investment Management	on mkt buy	35.75	AUD	ord	9,973	9,973
(Australia) Li 17-Dec-21 BlackRock Ir (Australia) Li 17-Dec-21 BlackRock Ir (UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li	nvestment Management	on mkt buy	35.76	AUD	ord	13,564	13,564
(Australia) Li 17-Dec-21 BlackRock Ir (UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock A 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li		on mkt buy	35.75	AUD	ord	12,368	12,368
(UK) Limited 20-Dec-21 BlackRock Ir (Australia) Li 20-Dec-21 BlackRock A 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li		on mkt buy	35.54	AUD	ord	67	67
(Australia) Li 20-Dec-21 BlackRock F 20-Dec-21 BlackRock In (Australia) Li 21-Dec-21 BlackRock F 22-Dec-21 BlackRock In (Australia) Li 23-Dec-21 BlackRock In (Australia) Li 23-Dec-21 BlackRock In (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock In (Australia) Li 23-Dec-21 BlackRock In (Australia) Li 29-Dec-21 BlackRock In (Australia) Li 29-Dec-21 BlackRock In (Australia) Li 30-Dec-21 BlackRock In (Australia) Li			35.54	AUD	ord	-493	-493
20-Dec-21 BlackRock A 20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock A 21-Dec-21 BlackRock A 21-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li		in specie	n/a n/a	AUD	ord	55,418	55,418
20-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock A 21-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li		in specie on mkt buy	34.79	AUD	ord ord	1,811	1,811
21-Dec-21 BlackRock Ir (Australia) Li 21-Dec-21 BlackRock A 21-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	Investment Management	on mkt buy	34.79	AUD	ord	1,072	1,072
21-Dec-21 BlackRock A 21-Dec-21 BlackRock F 22-Dec-21 BlackRock I (Australia) Li 22-Dec-21 BlackRock F 22-Dec-21 BlackRock I (Australia) Li 22-Dec-21 BlackRock II (Australia) Li 22-Dec-21 BlackRock II (Australia) Li 23-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li 30-Dec-21 BlackRock II (Australia) Li BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li	Investment Management	on mkt buy	34.91	AUD	ord	3,967	3,967
22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	Advisors (UK) Limited	on mkt sell	35.03	AUD	ord	-3,622	-3,622
(Australia) Li 22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	Fund Advisors	on mkt buy	35.03	AUD	ord	98	98
22-Dec-21 BlackRock F 22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 40-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li		on mkt buy	35.45	AUD	ord	12,328	12,328
22-Dec-21 BlackRock Ir (Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir (Company, N 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir (Australia) Li		in specie	n/a	AUD	ord	-3,585	-3,585
(Australia) Li 22-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock F 23-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li		in specie	n/a	AUD	ord	-2,868	-2,868
(Australia) Li 23-Dec-21 BlackRock Ir (Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock A 27-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 40-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	Investment Management Limited Investment Management		35.54 35.46	AUD	ord	12,328	12,328
(Australia) Li 23-Dec-21 BlackRock F 23-Dec-21 BlackRock A 27-Dec-21 BlackRock I 29-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li 30-Dec-21 BlackRock II Company, N 40-Jan-22 BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li	•	on mkt buy	35.58	AUD	ord	2,017	2,017
23-Dec-21 BlackRock F 23-Dec-21 BlackRock A 27-Dec-21 BlackRock I 29-Dec-21 BlackRock II 29-Dec-21 BlackRock II (Australia) Li 29-Dec-21 BlackRock II (Australia) Li 30-Dec-21 BlackRock II Company, N 30-Dec-21 BlackRock II Company, N 30-Dec-21 BlackRock II Company, N 40-Jan-22 BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li 04-Jan-22 BlackRock II (Australia) Li	imited						
23-Dec-21 BlackRock A 27-Dec-21 BlackRock F 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock F 30-Dec-21 BlackRock Ir Company, N 40-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li		in specie	n/a	AUD	ord	530	530
27-Dec-21 BlackRock F 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock F 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li		in specie	n/a	AUD	ord	850	850
29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock F 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	· /	on mkt buy	35.66 n/a	AUD	ord ord	-1,195	122 -1,195
29-Dec-21 BlackRock Ir (Australia) Li 29-Dec-21 BlackRock Ir (Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	nvestment Management	in specie on mkt buy	36.60	AUD	ord	9,102	9,102
(Australia) Li 30-Dec-21 BlackRock Ir Company, N 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li (Australia) Li	Investment Management	on mkt buy	36.60	AUD	ord	7,210	7,210
Company, N 30-Dec-21 BlackRock F 30-Dec-21 BlackRock Ir Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li		on mkt buy	36.63	AUD	ord	183	183
30-Dec-21 BlackRock lr Company, N 04-Jan-22 BlackRock lr (Australia) Li 04-Jan-22 BlackRock lr (Australia) Li	Institutional Trust National Association	on mkt buy	36.64	AUD	ord	67	67
Company, N 04-Jan-22 BlackRock Ir (Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	Fund Advisors	in specie	n/a	AUD	ord	198	198
(Australia) Li 04-Jan-22 BlackRock Ir (Australia) Li	Institutional Trust Vational Association	on mkt buy	36.84	AUD	ord	1,352	1,352
(Australia) Li	Investment Management Limited Investment Management	on mkt buy	36.88	AUD	ord	621	621 854
	· ·	on mkt buy	36.99 36.85	AUD	ord	2,347	2,347
(Australia) Li	•	on mkt buy	36.85	AUD	ord	7,530	7,530
(Australia) Li		in specie	n/a	AUD	ord	396	396
	Advisors (UK) Limited	on mkt buy	36.78	AUD	ord	393	393
	Advisors (UK) Limited	on mkt buy	36.78	AUD	ord	393	393

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Date of Change	Person whose relevant interest changed	Consideration gi	change (4) / ven in relation to ge (5)	CCY	Class (6) and securities		Person's votes affecte
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	36.78	AUD	ord	122	12
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.06	AUD	ord	710	71
06-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-4,338	-4,33
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.77	AUD	ord	-13,420	-13,42
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.77	AUD	ord	-1,281	-1,28
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	35.77	AUD	ord	61	6
07-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	195	19
07-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.03	AUD	ord	8,280	8,28
11-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.32	AUD	ord	3,047	3,04
12-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	36.48	AUD	ord	-302	-30
12-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.46	AUD	ord	4,191	4,19
12-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	36.31	AUD	ord	-3,622	-3,6
13-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.24	AUD	ord	789	78
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	36.27	AUD	ord	122	12
14-Jan-22	BlackRock Investment Management (Australia) Limited		35.93	AUD	ord	882	8
14-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.93	AUD	ord	5,057	5,0
14-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.93	AUD	ord	3,600	3,6
18-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.75	AUD	ord	427	4
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	36.68	AUD	ord	61	
18-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,350	1,3
19-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy	36.38	AUD	ord	1,047	1,0
20-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	35.84	AUD	ord	-67	-
20-Jan-22	BlackRock Fund Advisors	on mkt buy	35.67	AUD	ord	11,729	11,7
20-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.64	AUD	ord	331	3
24-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.79	AUD	ord	-366	-3
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.89	AUD	ord	-5,285	-5,2
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,320	1,3
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,944	1,9
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	972	ξ
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	33.00	AUD	ord	257	2
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.85	AUD	ord	329	3
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	32.69	AUD	ord	122	1
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	630	6
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	32.89	AUD	ord	75	
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.23	AUD	ord	-6,095	-6,0
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	33.23	AUD	ord	-3,142	-3,
28-Jan-22	BlackRock Investment Management (Australia) Limited		33.23	AUD	ord	-2,835	-2,8
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.23	AUD	ord	-2,712	-2,7
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.23	AUD	ord	-5,920	-5,9
28-Jan-22	BlackRock Investment Management, LLC		33.23	AUD	ord	-1,583	-1,5
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.23	AUD	ord	-2,043	-2,0
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.23	AUD	ord	-2,362	-2,3
28-Jan-22	BlackRock Investment Management	on mkt buy	33.31	AUD	ord	812	8

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Date of Change	Person whose relevant interest changed	Consideratio	of change (4) / n given in relation to hange (5)	CCY	Class (6) an securities		Person's votes affected
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	2,768	2,768
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	812	812
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	812	812
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	2,422	2,422
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	1,038	1,038
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.31	AUD	ord	232	232
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.31	AUD	ord	-3,200	-3,200
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,800	1,800
28-Jan-22	BlackRock Investment Management (Australia) Limited		n/a	AUD	ord	-4,775	-4,775
31-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.70	AUD	ord	1,450	1,450
01-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.90	AUD	ord	249	249
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.35	AUD	ord	-464	-464
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	34.35	AUD	ord	61	61
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	34.35	AUD	ord	183	183
02-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	860	860
03-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,645	3,645
03-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,430	2,430
03-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	9,720	9,720
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	34.65	AUD	ord	-124	-124
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	34.72	AUD	ord	61	61
04-Feb-22	BlackRock Fund Advisors	on mkt buy	34.75	AUD	ord	11,887	11,887
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.12	AUD	ord	986	986
04-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	35.03	AUD	ord	7,756	7,756
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	35.03	AUD	ord	10,427	10,427
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	526	526
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	35.12	AUD	ord	1,845	1,845
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	840	840
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,482	1,482
08-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.39	AUD	ord	3,828	3,828
08-Feb-22	BlackRock Fund Advisors	on mkt sell	35.39	AUD	ord	-92	-92
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	836	836
09-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	36.07	AUD	ord	47	47
09-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,482	1,482
09-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,693	4,693
09-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	741	741
09-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,952	3,952
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.40	AUD	ord	754	754
09-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	36.40	AUD	ord	1,086	1,086
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	36.40	AUD	ord	61	61
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.40	AUD	ord	489	489
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	36.40	AUD	ord	-173	-173
10-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	36.74	AUD	ord	-47	-47
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	36.84	AUD	ord	-1,276	-1,276
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	36.84	AUD	ord	-1,392	-1,392
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	36.84	AUD	ord	1,841	1,841
11-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	36.40	AUD	ord	3,255	3,255
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	36.40	AUD	ord	61	61

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14-Feb-22		cha	nge (5)		securities	affected	votes affected
	BlackRock Investment Management (Australia) Limited	on mkt buy	35.88	AUD	ord	174	174
	BlackRock Asset Management Deutschland AG	on mkt buy	35.88	AUD	ord	2,170	2,170
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	35.88	AUD	ord	1,842	1,842
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	35.88	AUD	ord	1,842	1,842
15-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	5,187	5,187
15-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,482	1,482
	BlackRock Advisors (UK) Limited	on mkt sell	35.97	AUD	ord	-34	-34
	BlackRock Investment Management (Australia) Limited	on mkt buy	35.98	AUD	ord	7,268	7,268
	BlackRock Investment Management (Australia) Limited	on mkt buy	35.86	AUD	ord	696	696
	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,717	2,717
16-Feb-22	BlackRock Investment Management	on mkt buy	35.86	AUD	ord	355	355
16-Feb-22	(Australia) Limited BlackRock Investment Management	on mkt buy	35.86	AUD	ord	174	174
40 E-k 00	(Australia) Limited		25.00	ALID	1	4.005	4.005
	BlackRock Advisors (UK) Limited	on mkt buy	35.86	AUD	ord	1,885	1,885
	BlackRock Advisors (UK) Limited	on mkt sell	35.86	AUD	ord	-394	-394
	BlackRock Advisors (UK) Limited	on mkt buy	35.86	AUD	ord	122	122
	BlackRock Investment Management (Australia) Limited	on mkt sell	35.86	AUD	ord	-3,795	-3,795
	BlackRock Investment Management (Australia) Limited	on mkt buy	36.29	AUD	ord	867	867
	BlackRock Advisors (UK) Limited	on mkt buy	36.34	AUD	ord	15,080	15,080
18-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,729	1,729
18-Feb-22	BlackRock Fund Advisors	on mkt buy	35.95	AUD	ord	1,299	1,299
	BlackRock Investment Management (Australia) Limited	on mkt buy	36.40	AUD	ord	2,160	2,160
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.69	AUD	ord	618	618
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.61	AUD	ord	-406	-406
22-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	35.61	AUD	ord	5,932	5,932
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,729	1,729
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.95	AUD	ord	237	237
	BlackRock Investment Management (Australia) Limited	on mkt buy	35.82	AUD	ord	631	631
	BlackRock Advisors (UK) Limited	on mkt buy	35.52	AUD	ord	183	183
25-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	36.19	AUD	ord	-1,481	-1,481
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	840	840
25-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	36.15	AUD	ord	90	90
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	36.15	AUD	ord	61	61
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,729	1,729
	BlackRock Investment Management (Australia) Limited	on mkt buy	35.19	AUD	ord	349	349
	BlackRock Investment Management (Australia) Limited	on mkt buy	35.19	AUD	ord	174	174
	BlackRock Advisors (UK) Limited	on mkt sell	35.19	AUD	ord	-46	-46
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	35.19	AUD	ord	-2,985	-2,985
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	35.19	AUD	ord	-671	-671
	BlackRock Investment Management (Australia) Limited	on mkt buy	36.00	AUD	ord	222	222
	BlackRock Investment Management	on mkt buy	36.01	AUD	ord	1,566	1,566
	(Australia) Limited BlackRock Investment Management	on mkt sell	36.10	AUD	ord	-541	-541
01-Mar-22	(Australia) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ord	-526	-526
	BlackRock Investment Management	on mkt sell	35.21	AUD	ord ord	-1,705	-526 -1,705
	(Australia) Limited BlackRock Institutional Trust	on mkt sell	35.13	AUD	ord	-257	-257
	Company, National Association						

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.00	AUD	ord	116	116
03-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.41	AUD	ord	-572	-572
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.82	AUD	ord	-7,431	-7,431
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	34.81	AUD	ord	1,856	1,856
04-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	34.81	AUD	ord	-1,085	-1,085
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,497	1,497
07-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.97	AUD	ord	-965	-965
07-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.81	AUD	ord	-355	-355
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-988	-988
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.83	AUD	ord	-319	-319
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	33.54	AUD	ord	928	928
09-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.45	AUD	ord	-5,063	-5,063
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.47	AUD	ord	-1,281	-1,281
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.31	AUD	ord	-3,944	-3,944
10-Mar-22	BlackRock Investment Management	on mkt buy	34.31	AUD	ord	174	174
11-Mar-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD	ord	12,983	12,983
11-Mar-22	(Australia) Limited BlackRock Investment Management	on mkt sell	33.72	AUD	ord	-5,281	-5,281
11-Mar-22	(Australia) Limited BlackRock Asset Management	on mkt buy	33.59	AUD	ord	4,340	4,340
14-Mar-22	Deutschland AG BlackRock Investment Management	on mkt sell	34.35	AUD	ord	-3,248	-3,248
14-Mar-22	(Australia) Limited BlackRock Asset Management	on mkt buy	34.35	AUD	ord	1,085	1,085
14-Mar-22	Deutschland AG BlackRock Fund Advisors	in angoia	n/o	AUD	ord	1,540	1,540
15-Mar-22	BlackRock Investment Management (Australia) Limited	in specie on mkt sell	n/a 34.37	AUD	ord ord	-599	-599
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-195	-195
15-Mar-22	BlackRock Financial Management, Inc.	on mkt sell	34.41	AUD	ord	-493	-493
15-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	34.44	AUD	ord	94	94
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.44	AUD	ord	-244	-244
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-524	-524
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,310	-1,310
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.35	AUD	ord	-741	-741
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.35	AUD	ord	-3,479	-3,479
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.35	AUD	ord	-4,904	-4,904
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.36	AUD	ord	-5,075	-5,075
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.14	AUD	ord	-173	-173
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.07	AUD	ord	-1,276	-1,276
17-Mar-22	BlackRock Investment Management	on mkt buy	35.07	AUD	ord	470	470
17-Mar-22	(Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	35.07	AUD	ord	174	174
17-Mar-22	(Australia) Limited BlackRock Investment Management	on mkt buy	35.07	AUD	ord	94	94
17-Mar-22	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	35.07	AUD	ord	5,637	5,637
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.92	AUD	ord	-8,251	-8,251
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.78	AUD	ord	-368	-368
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.83	AUD	ord	-111	-111

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Date of Change	Person whose relevant interest changed	Considerati	e of change (4) / ion given in relation to change (5)	CCY	Class (6) an securities	d number of affected	Person's votes affected
18-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	34.93	AUD	ord	-5,612	-5,612
18-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	35.03	AUD	ord	-15,765	-15,765
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	759	759
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	386	386
18-Mar-22	BlackRock Fund Advisors	on mkt buy	35.03	AUD	ord	12,802	12,802
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	387	387
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	197	197
18-Mar-22	BlackRock Fund Advisors	on mkt buy	35.03	AUD	ord	6,516	6,516
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	1,891	1,891
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.03	AUD	ord	962	962
18-Mar-22	BlackRock Fund Advisors	on mkt sell	35.03	AUD	ord	-3,426	-3,426
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	35.03	AUD	ord	-28,939	-28,939
18-Mar-22	BlackRock Asset Management Canada Limited	on mkt sell	35.03	AUD	ord	-387	-387
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.03	AUD	ord	-2,000	-2,000
18-Mar-22	BlackRock Fund Advisors	on mkt buy	35.03	AUD	ord	31,899	31,899
21-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-4,053	-4,053
21-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-65	-65
21-Mar-22	BlackRock Fund Advisors	on mkt sell	35.29	AUD	ord	-225	-225
21-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	34.97	AUD	ord	-1,474	-1,474
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.97	AUD	ord	-2,179	-2,179
22-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	8,783	8,783
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,052	-1,052
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.70	AUD	ord	-4,601	-4,601
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.70	AUD	ord	-2,844	-2,844
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.70	AUD	ord	-851	-851
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	34.45	AUD	ord	1,699	1,699
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	216	216
24-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.15	AUD	ord	-861	-861
24-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	34.53	AUD	ord	2,940	2,940
24-Mar-22	BlackRock Fund Advisors	on mkt sell	34.10	AUD	ord	-102	-102
24-Mar-22	BlackRock Fund Advisors	on mkt sell	34.10	AUD	ord	-8,891	-8,891
25-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	34.11	AUD	ord	12,935	12,935
25-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	34.11	AUD	ord	1,238	1,238
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.09	AUD	ord	-394	-394
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,572	1,572
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.52	AUD	ord	-5,508	-5,508
29-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.73	AUD	ord	-380	-380
29-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.73	AUD	ord	-5,100	-5,100
29-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	34.87	AUD	ord	189	189
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.19	AUD	ord	-239	-239
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.17	AUD	ord	-1,992	-1,992
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,454	4,454
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	35.19	AUD	ord	-3,146	-3,146
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-786	-786
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,620	-2,620

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / n given in relation to lange (5)	CCY	Class (6) and number of securities affected		Person's votes affected
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	35.22	AUD	ord	232	232
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-3,406	-3,406
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-524	-524
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-524	-524
31-Mar-22	BlackRock Investment Management (Australia) Limited		34.75	AUD	ord	-1,594	-1,594
31-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	34.75	AUD	ord	2,940	2,940
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	34.75	AUD	ord	-3,396	-3,396
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	34.75	AUD	ord	3,727	3,727
01-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,406	3,406
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.30	AUD	ord	-1,034	-1,034
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.30	AUD	ord	-1,780	-1,780
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	34.30	AUD	ord	-8,689	-8,689
01-Apr-22	BlackRock Fund Advisors	on mkt buy	34.23	AUD	ord	79	79
04-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,834	1,834
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.03	AUD	ord	-1,311	-1,311
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.97	AUD	ord	174	174
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.97	AUD	ord	407	407
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,325	-1,325
05-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.72	AUD	ord	-1,852	-1,852
05-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.38	AUD	ord	348	348
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-3,445	-3,445
06-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,310	1,310
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.80	AUD	ord	1,334	1,334
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.81	AUD	ord	-434	-434
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.81	AUD	ord	-2,618	-2,618
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.81	AUD	ord	-2,182	-2,182
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.80	AUD	ord	188	188
07-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.51	AUD	ord	-1,199	-1,199
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	588	588
11-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.28	AUD	ord	1,047	1,047
12-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.20	AUD	ord	-560	-560
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.47	AUD	ord	-1,439	-1,439
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.41	AUD	ord	464	464
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.41	AUD	ord	-1,647	-1,647
14-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.82	AUD	ord	-287	-287
14-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.93	AUD	ord	94	94
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,834	1,834
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.21	AUD	ord	-1,199	-1,199
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.21	AUD	ord	-525	-525
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	32.21	AUD	ord	61	61
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,104	-2,104
20-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,930	3,930
20-Apr-22	BlackRock Investment Management	on mkt sell	32.26	AUD	ord	-6,612	-6,612

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Date of Change	Person whose relevant interest changed	Consideration	f change (4) / given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
20-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.26	AUD	ord	349	349
21-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,310	1,310
21-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.53	AUD	ord	-336	-336
21-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.66	AUD	ord	159	159
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	32.57	AUD	ord	-8,851	-8,851
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	32.57	AUD	ord	-6,685	-6,685
22-Apr-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-90	-90
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,315	-1,315
26-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.11	AUD	ord	-612	-612
26-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.14	AUD	ord	-3,205	-3,205
26-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	31.89	AUD	ord	1,300	1,300
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	31.89	AUD	ord	61	61
27-Apr-22	BlackRock Investment Management (Australia) Limited		31.59	AUD	ord	-3,223	-3,223
03-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-532	-532
03-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.49	AUD	ord	-2,634	-2,634
04-May-22	BlackRock Fund Advisors	in anasia	n/a	AUD	ord	189	189
04-May-22	BlackRock Investment Management	in specie on mkt sell	33.29	AUD	ord ord	-1,348	-1,348
	(Australia) Limited						
04-May-22	BlackRock Fund Advisors	on mkt buy	33.08	AUD	ord	85	85
04-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,096	2,096
04-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,112	-2,112
05-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	33.29	AUD	ord	-476	-476
05-May-22	BlackRock Advisors (UK) Limited	on mkt buy	33.42	AUD	ord	183	183
06-May-22	BlackRock Fund Advisors BlackRock Investment Management	in specie	n/a	AUD	ord	7,860	7,860
06-May-22	(Australia) Limited	on mkt buy	32.99	AUD	ord	469	469
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.99	AUD	ord	3,819	3,819
06-May-22	BlackRock Investment Management (Australia) Limited		32.96	AUD	ord	4,640	4,640
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.96	AUD	ord	-3,060	-3,060
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.96	AUD	ord	174	174
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.96	AUD	ord	-680	-680
06-May-22	BlackRock Advisors (UK) Limited	on mkt buy	32.96	AUD	ord	5,100	5,100
09-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.67	AUD	ord	-2,380	-2,380
09-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.67	AUD	ord	-522	-522
09-May-22	BlackRock Asset Management Deutschland AG	on mkt buy	32.67	AUD	ord	986	986
09-May-22	BlackRock Fund Advisors	on mkt buy	32.67	AUD	ord	6,399	6,399
09-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,730	-2,730
10-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.45	AUD	ord	1,276	1,276
11-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.68	AUD	ord	5,111	5,111
11-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.68	AUD	ord	986	986
11-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,196	-1,196
12-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	189	189
12-May-22	BlackRock Advisors (UK) Limited	on mkt sell	31.61	AUD	ord	-1,240	-1,240
12-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.37	AUD	ord	-2,055	-2,055
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.20	AUD	ord	580	580
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.20	AUD	ord	2,834	2,834
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Date of Change	Person whose relevant interest changed	Consideration g	change (4) / iven in relation to ige (5)	CCY	Class (6) and securities		Person's votes affected
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.20	AUD	ord	3,231	3,23
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.45	AUD	ord	5,452	5,452
16-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,192	4,192
16-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,978	4,978
17-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,834	1,834
17-May-22	BlackRock Investment Management	on mkt sell	32.37	AUD	ord	-172	-172
18-May-22	(Australia) Limited BlackRock Investment Management	in specie	n/a	AUD		-6,593	-6,593
•	(Australia) Limited				ord		
18-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,144	3,144
18-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,930	3,930
18-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	32.57	AUD	ord	-340	-340
18-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.57	AUD	ord	188	188
18-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.57	AUD	ord	94	94
18-May-22	BlackRock Advisors (UK) Limited	on mkt sell	32.57	AUD	ord	-1,700	-1,700
18-May-22	BlackRock Investment Management		32.57	AUD	ord	-2,167	-2,167
	(Australia) Limited BlackRock Investment Management		31.87	AUD	ord	-538	-538
19-May-22	(Australia) Limited						
20-May-22	BlackRock Fund Advisors	on mkt buy	31.96	AUD	ord	4,379	4,379
24-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.06	AUD	ord	507	507
25-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,930	3,930
25-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,834	1,834
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.32	AUD	ord	-348	-348
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.32	AUD	ord	94	94
30-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.96	AUD	ord	812	812
31-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,144	3,144
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	32.81	AUD	ord	96	96
31-May-22	BlackRock Asset Management	on mkt buy	32.59	AUD	ord	987	987
31-May-22	Deutschland AG BlackRock Institutional Trust	on mkt sell	32.59	AUD	ord	-926	-926
31-May-22	Company, National Association BlackRock Investment Management	on mkt sell	32.59	AUD	ord	-3,388	-3,388
31-May-22	(Australia) Limited BlackRock Institutional Trust	on mkt sell	32.59	AUD	ord	-862	-862
31-May-22	Company, National Association BlackRock Fund Advisors	on mkt sell	32.59	AUD	ord	-9,260	-9,260
31-May-22	BlackRock Institutional Trust	on mkt sell	32.59	AUD	ord	-1,884	-1,884
04.1400	Company, National Association	1,1	00.50	4115		2.000	0.00
31-May-22	BlackRock Fund Advisors	on mkt buy	32.59	AUD	ord	8,820	8,820
01-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	5,764	5,764
02-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	168	168
02-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.17	AUD	ord	289	289
02-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.17	AUD	ord	2,657	2,657
03-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.55	AUD	ord	618	618
03-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	32.55	AUD	ord	3,552	3,552
03-Jun-22	BlackRock Investment Management	on mkt buy	32.55	AUD	ord	12,826	12,826
03-Jun-22	(Australia) Limited BlackRock Investment Management	on mkt buy	32.62	AUD	ord	1,034	1,034
06-Jun-22	(Australia) Limited BlackRock Investment Management	on mkt sell	32.13	AUD	ord	-4,350	-4,350
06-Jun-22	(Australia) Limited BlackRock Investment Management	on mkt sell	32.13	AUD	ord	-626	-626
07-Jun-22	(Australia) Limited BlackRock Investment Management	on mkt buy	31.48	AUD	ord	323	323
	(Australia) Limited						94
07-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.27	AUD	ord	94	

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Date of Change	Person whose relevant interest changed	Consideration	of change (4) / n given in relation to nange (5)	CCY	Class (6) and securities		Person's votes affected
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	31.14	AUD	ord	15,297	15,297
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,225	4,225
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,144	4,144
09-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.45	AUD	ord	1,588	1,588
09-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.40	AUD	ord	1,128	1,128
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	30.40	AUD	ord	3,402	3,402
09-Jun-22	BlackRock Fund Advisors	on mkt sell	30.40	AUD	ord	-666	-666
09-Jun-22	BlackRock Fund Advisors	on mkt sell	30.40	AUD	ord	-5,442	-5,442
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.15	AUD	ord	633	633
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.18	AUD	ord	8,936	8,936
14-Jun-22	BlackRock Investment Management (Australia) Limited		28.34	AUD	ord	94	94
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.34	AUD	ord	94	94
14-Jun-22	BlackRock Asset Management Deutschland AG	on mkt sell	28.34	AUD	ord	-1,837	-1,837
15-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,080	-2,080
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.46	AUD	ord	435	435
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.46	AUD	ord	1,401	1,401
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.46	AUD	ord	2,711	2,711
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.32	AUD	ord	232	232
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.32	AUD	ord	340	340
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	28.32	AUD	ord	-4,888	-4,888
16-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.23	AUD	ord	174	174
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	28.23	AUD	ord	122	122
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	28.23	AUD	ord	183	183
17-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	870	870
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	27.89	AUD	ord	606	606
17-Jun-22	BlackRock Investment Management (Australia) Limited		27.89	AUD	ord	2,639	2,639
17-Jun-22	BlackRock Investment Management (Australia) Limited	,	27.89	AUD	ord	2,182	2,182
17-Jun-22	BlackRock Investment Management (Australia) Limited		28.14	AUD	ord	2,229	2,229
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	28.14	AUD	ord	43,062	43,062
17-Jun-22	BlackRock Investment Management (Australia) Limited		28.14	AUD	ord	407	407
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.19	AUD	ord	-1,888	-1,888
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	28.19	AUD	ord	-1,672	-1,672
17-Jun-22	BlackRock Investment Management (Australia) Limited	,	28.19	AUD	ord	742	742
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	28.19	AUD	ord	14,353	14,353
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	28.19	AUD	ord	-1,312	-1,312
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.19	AUD	ord	135	135
17-Jun-22	BlackRock Investment Management (UK) Limited		28.19	AUD	ord	2,013	2,013
20-Jun-22	BlackRock Asset Management Deutschland AG	on mkt buy	27.87	AUD	ord	980	980
21-Jun-22	BlackRock Asset Management Deutschland AG	on mkt buy	28.59	AUD	ord	980	980
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,120	2,120
22-Jun-22	BlackRock Fund Advisors	on mkt buy	29.10	AUD	ord	18,407	18,407
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	28.94	AUD	ord	-236	-236
22-Jun-22	BlackRock Asset Management Deutschland AG	on mkt sell	28.93	AUD	ord	-23,520	-23,520
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,323	-1,323
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	795	795

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class (6) and securities		Person's votes affected
23-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	29.01	AUD	ord	80	80
23-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.98	AUD	ord	254	254
23-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.92	AUD	ord	354	354
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	696	696
24-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.35	AUD	ord	94	94
24-Jun-22	BlackRock Fund Advisors	on mkt buy	29.35	AUD	ord	85	85
27-Jun-22	BlackRock Fund Advisors	on mkt buy	30.14	AUD	ord	93	93
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	30.14	AUD	ord	2,900	2,900
27-Jun-22	BlackRock Fund Advisors	on mkt buy	30.14	AUD	ord	5,001	5,001
28-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.75	AUD	ord	1,786	1,786
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	29.84	AUD	ord	183	183
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	29.84	AUD	ord	64	64
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,344	-1,344
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.83	AUD	ord	752	752
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	29.71	AUD	ord	106	106
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	174	174
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.18	AUD	ord	1,268	1,268
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.88	AUD	ord	-150	-150
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.88	AUD	ord	-3,212	-3,212
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.88	AUD	ord	-4,191	-4,191
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.88	AUD	ord	-1,309	-1,309
30-Jun-22	BlackRock Fund Advisors	on mkt buy	28.88	AUD	ord	153	153
30-Jun-22	BlackRock Asset Management Deutschland AG	on mkt buy	28.88	AUD	ord	1,630	1,630
30-Jun-22	BlackRock Fund Advisors	on mkt buy	28.88	AUD	ord	4,857	4,857
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	28.88	AUD	ord	782	782
01-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	18,076	18,076
04-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	28.58	AUD	ord	208	208
04-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.31	AUD	ord	342	342
04-Jul-22	BlackRock Fund Advisors	on mkt buy	28.31	AUD	ord	87	87
04-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-1,092	-1,092
05-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	28.42	AUD	ord	101	101
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.42	AUD	ord	440	440
05-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	28.42	AUD	ord	81	81
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.46	AUD	ord	-285	-285
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.46	AUD	ord	-1,825	-1,825
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	28.46	AUD	ord	1,730	1,730
05-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-16,984	-16,984
06-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	28.25	AUD	ord	67	67
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.26	AUD	ord	1,140	1,140
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.26	AUD	ord	285	285
06-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	28.26	AUD	ord	1,693	1,693
06-Jul-22	BlackRock Fund Advisors	on mkt buy	28.26	AUD	ord	89	89
06-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	74,358	74,358
07-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,600	-2,600

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class (6) and securities		Person's votes affected
07-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	28.58	AUD	ord	82	82
07-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.47	AUD	ord	-152	-152
07-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.47	AUD	ord	-519	-519
07-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-74,358	-74,358
08-Jul-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-10,135	-10,135
08-Jul-22	BlackRock Asset Management Deutschland AG	on mkt buy	29.19	AUD	ord	1,080	1,080
11-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,694	2,694
12-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.93	AUD	ord	1,425	1,425
12-Jul-22	BlackRock Fund Advisors	on mkt buy	28.93	AUD	ord	4,989	4,989
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.17	AUD	ord	94	94
13-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	29.17	AUD	ord	-924	-924
13-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	419	419
14-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.23	AUD	ord	228	228
14-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.23	AUD	ord	285	285
14-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-419	-419
15-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,347	-1,347
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.57	AUD	ord	342	342
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	468	468
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,694	-2,694
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	174	174
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.88	AUD	ord	1,197	1,197
20-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.79	AUD	ord	399	399
20-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.79	AUD	ord	1,504	1,504
20-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	29.79	AUD	ord	1,501	1,501
20-Jul-22	BlackRock Fund Advisors	on mkt sell	29.79	AUD	ord	-82	-82
20-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	29.79	AUD	ord	82	82
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	58	58
21-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.49	AUD	ord	855	855
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	30.49	AUD	ord	-3,016	-3,016
21-Jul-22	BlackRock Asset Management Deutschland AG	on mkt buy	30.49	AUD	ord	992	992
21-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.49	AUD	ord	541	541
22-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,614	1,614
25-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	29.31	AUD	ord	456	456
26-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.93	AUD	ord	-391	-391
26-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.97	AUD	ord	-330	-330
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	28.97	AUD	ord	61	61
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	306	306
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	29.02	AUD	ord	-2,694	-2,694
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.99	AUD	ord	1,504	1,504
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	28.99	AUD	ord	-793	-793
27-Jul-22 28-Jul-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer on mkt sell	n/a 30.17	AUD	ord ord	70,332 -1,256	70,332 -1,256
00 1 1 22	(Australia) Limited	. H. C Lt.	. ,	A11F		· ·	
28-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-55,361	-55,361
28-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	55,761	55,761

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class (6) and securities		Person's votes affected
29-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	792	792
29-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.30	AUD	ord	258	258
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	30.30	AUD	ord	-3,386	-3,386
29-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	55,625	55,625
29-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-55,761	-55,761
01-Aug-22	BlackRock Fund Advisors	on mkt buy	30.27	AUD	ord	150	150
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	30.27	AUD	ord	1,871	1,871
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	30.27	AUD	ord	3,384	3,384
01-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	71,557	71,557
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	3,356	3,356
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.39	AUD	ord	-788	-788
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.56	AUD	ord	570	570
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.56	AUD	ord	-1,277	-1,277
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-111	-111
02-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-29,949	-29,949
02-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	30,036	30,036
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.31	AUD	ord	-6,049	-6,049
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.31	AUD	ord	-2,447	-2,447
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.36	AUD	ord	3,290	3,290
03-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-41,319	-41,319
03-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	40,849	40,849
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	171	171
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	324	324
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.69	AUD	ord	-3,591	-3,591
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.67	AUD	ord	-405	-405
04-Aug-22	BlackRock Investment Management (Australia) Limited	·	30.54	AUD	ord	1,316	1,316
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.54	AUD	ord	-2,166	-2,166
04-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	71,059	71,059
04-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-70,885	-70,885
05-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,566	-1,566
05-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.62	AUD	ord	516	516
05-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.62	AUD	ord	171	171
05-Aug-22	BlackRock Asset Management Deutschland AG	on mkt buy	30.62	AUD	ord	2,973	2,973
05-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-70,692	-70,692
05-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	71,252	71,252
08-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.05	AUD	ord	-2,394	-2,394
08-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	71,464	71,464
08-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-71,252	-71,252
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.42	AUD	ord	-340	-340
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.38	AUD	ord	570	570
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.38	AUD	ord	342	342
09-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-50	-50
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,881	1,881
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-522	-522
10-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-71,378	-71,378

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	` '	d number of s affected	Person's votes affected
11-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-520	-520
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.93	AUD	ord	774	774
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.93	AUD	ord	1,136	1,136
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.93	AUD	ord	3,410	3,410
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.93	AUD	ord	1,117	1,117
11-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	70,610	70,610
12-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.61	AUD	ord	-472	-472
12-Aug-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	9,371	9,371
12-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	71	71
15-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	30.46	AUD	ord	282	282
15-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-9,658	-9,658
16-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,883	1,883
16-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.40	AUD	ord	-213	-213
16-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-109,629	-109,629
17-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	31.11	AUD	ord	122	122
17-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	107,370	107,370
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.00	AUD	ord	-212	-212
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.07	AUD	ord	-21,888	-21,888
18-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-1,010	-1,010
19-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	31.10	AUD	ord	-1,283	-1,283
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	31.19	AUD	ord	-232	-232
19-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-129,042	-129,042
22-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	30.43	AUD	ord	-969	-969
22-Aug-22	BlackRock Investment Management (Australia) Limited	<u> </u>	30.43	AUD	ord	456	456
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	30.43	AUD	ord	-1,690	-1,690
22-Aug-22	BlackRock Investment Management (UK) Limited		n/a	AUD	ord	63,874	63,874
23-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	83,588	83,588
23-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-63,874	-63,874
24-Aug-22	BlackRock Fund Advisors	on mkt buy	30.30	AUD	ord	4,016	4,016
24-Aug-22 25-Aug-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer on mkt buy	n/a 27.44	AUD	ord ord	-21,369 330	-21,369 330
25-Aug-22	(Australia) Limited BlackRock Institutional Trust	on mkt sell	27.44	AUD	ord	-828	-828
05.4	Company, National Association		,	ALIB		100	400
25-Aug-22 25-Aug-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	collateral transfer collateral transfer	n/a n/a	AUD	ord ord	-439 59,621	-439 59,621
26-Aug-22	(UK) Limited BlackRock Investment Management (Australia) Limited	on mkt sell	28.10	AUD	ord	-5,455	-5,455
26-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.10	AUD	ord	-10,285	-10,285
26-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	28.18	AUD	ord	-231	-231
26-Aug-22 26-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-61,780	-23 i -61,780
26-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-59,621	-59,621
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.25	AUD	ord	-2,166	-2,166
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	27.25	AUD	ord	94	94
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	27.25	AUD	ord	399	399
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.25	AUD	ord	-17,602	-17,602
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.25	AUD	ord	-427	-427
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.15	AUD	ord	-3,300	-3,300
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Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class (6) and securities		Person's votes affected
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	27.15	AUD	ord	2,970	2,970
30-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	21,481	21,48
30-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	73,908	73,908
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.41	AUD	ord	-1,344	-1,344
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.41	AUD	ord	-17,526	-17,526
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.41	AUD	ord	-2,312	-2,312
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.42	AUD	ord	-1,278	-1,278
31-Aug-22	BlackRock Fund Advisors	on mkt buy	27.42	AUD	ord	48	48
31-Aug-22	BlackRock Asset Management Deutschland AG	on mkt buy	27.42	AUD	ord	455	455
31-Aug-22	BlackRock Advisors (UK) Limited	on malet hans	27.42	AUD	ord	443	44;
31-Aug-22 31-Aug-22	BlackRock Institutional Trust	on mkt buy on mkt buy	27.42	AUD	ord	332	332
	Company, National Association						
31-Aug-22	BlackRock Fund Advisors	on mkt buy	27.42	AUD	ord	308	308
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	27.42	AUD	ord	834	834
31-Aug-22	BlackRock Asset Management Deutschland AG	on mkt buy	27.42	AUD	ord	2,912	2,912
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	27.42	AUD	ord	2,833	2,833
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	27.42	AUD	ord	2,123	2,123
31-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	56,410	56,410
31-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-73,908	-73,908
01-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.18	AUD	ord	-20,847	-20,847
01-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.18	AUD	ord	-1,974	-1,974
01-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	27.06	AUD	ord	-5,730	-5,730
01-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-77,891	-77,89
02-Sep-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-4,743	-4,743
02-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-526	-526
02-Sep-22	BlackRock Investment Management	•	26.85	AUD	ord	-10,372	-10,372
02-Sep-22	(Australia) Limited BlackRock Investment Management		26.85	AUD	ord	-12,533	-12,533
	(Australia) Limited						
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	26.67	AUD	ord	1,727	1,727
05-Sep-22	BlackRock Investment Management (Australia) Limited		26.80	AUD	ord	-9,364	-9,364
05-Sep-22	BlackRock Investment Management, LLC	on mkt buy	26.98	AUD	ord	1,545	1,545
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	26.71	AUD	ord	-27,808	-27,808
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	26.72	AUD	ord	-2,901	-2,901
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	26.43	AUD	ord	570	570
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	26.43	AUD	ord	-6,384	-6,384
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	26.43	AUD	ord	114	114
07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	26.48	AUD	ord	-8,007	-8,007
07-Sep-22	BlackRock Investment Management	on mkt sell	26.48	AUD	ord	-6,878	-6,878
08-Sep-22	(Australia) Limited BlackRock Investment Management	on mkt sell	25.76	AUD	ord	-23,648	-23,648
08-Sep-22	(Australia) Limited BlackRock Investment Management	on mkt sell	25.81	AUD	ord	-2,432	-2,432
08-San 22	(Australia) Limited	on mkt soll	26.42	VIID	ord	224	22.
08-Sep-22 08-Sep-22	BlackRock Advisors (UK) Limited BlackRock Institutional Trust	on mkt sell on mkt sell	26.43 26.43	AUD	ord ord	-231 -2,994	-23° -2,994
09-Sep-22	Company, National Association	an malet boom	06.45	ALID	1	4 0 4 0	4.04
114-Sen-22	BlackRock Advisors (UK) Limited	on mkt buy	26.15	AUD	ord	1,619	1,619
09-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	26.17	AUD	ord	710	710

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Date of Change	Person whose relevant interest changed	Nature of ch Consideration giv chang	en in relation to	CCY	Class (6) and securities		Person's votes affected
09-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	26.29	AUD	ord	655	655
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.96	AUD	ord	171	171
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.96	AUD	ord	99	99
12-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,883	1,883
13-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,883	1,883
13-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-213	-213
13-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	26.40	AUD	ord	-81	-81
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	26.40	AUD	ord	-925	-925
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	26.47	AUD	ord	-570	-570
13-Sep-22	BlackRock Fund Advisors	on mkt buy	26.47	AUD	ord	92	92
13-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	94,531	94,531
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.49	AUD	ord	171	171
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	25.49	AUD	ord	-1,727	-1,727
14-Sep-22	BlackRock Asset Management Deutschland AG	on mkt sell	25.49	AUD	ord	-2,579	-2,579
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	25.49	AUD	ord	-1,436	-1,436
14-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-94,531	-94,531
15-Sep-22	BlackRock Investment Management (Australia) Limited		25.81	AUD	ord	-22,137	-22,137
15-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	25.93	AUD	ord	1,718	1,718
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.48	AUD	ord	99	99
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.48	AUD	ord	-1,227	-1,227
16-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	83,421	83,421
19-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	25.08	AUD	ord	-189	-189
19-Sep-22	BlackRock Institutional Trust Company, National Association BlackRock Investment Management	on mkt sell	25.06	AUD	ord	-57 171	-57 171
19-Sep-22	(Australia) Limited	on mkt buy collateral transfer		AUD	ord	-48,992	
19-Sep-22 20-Sep-22	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell	n/a 24.95	AUD	ord ord	-46,992	-48,992 -231
20-Sep-22	(Australia) Limited BlackRock Institutional Trust	on mkt sell	24.93	AUD		-231	-231 -911
20-Sep-22 20-Sep-22	Company, National Association	collateral transfer	24.61 n/a	AUD	ord	-34,429	-34,429
	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited				ord		
21-Sep-22 21-Sep-22	BlackRock Institutional Trust	on mkt buy on mkt sell	24.59 24.77	AUD	ord	2,061 -701	2,061 -701
21-Sep-22 22-Sep-22	Company, National Association BlackRock Institutional Trust				ord		
22-Sep-22 22-Sep-22	Company, National Association	in specie collateral transfer	n/a n/a	AUD	ord ord	-1,316 24,759	-1,316 24,759
23-Sep-22	BlackRock Advisors (UK) Limited BlackRock Asset Management	on mkt buy	24.45	AUD	ord	998	998
23-Sep-22 23-Sep-22	Deutschland AG BlackRock Asset Management	on mkt buy	24.45	AUD	ord	440	440
23-Sep-22	Canada Limited BlackRock Fund Advisors	on mkt buy	24.07	AUD		6,018	6,018
23-Sep-22 23-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord ord	-24,759	-24,759
26-Sep-22	BlackRock Fund Advisors	on mkt buy	23.76	AUD	ord	1,522	1,522
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	23.61	AUD	ord	-12,672	-12,672
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	23.61	AUD	ord	99	99
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	23.61	AUD	ord	228	228
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	23.61	AUD	ord	99	99
26-Sep-22	BlackRock Fund Advisors	on mkt sell	23.61	AUD	ord	-572	-572
26-Sep-22	BlackRock Fund Advisors	on mkt sell	23.61	AUD	ord	-16,080	-16,080
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	23.61	AUD	ord	-369	-369
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	23.61	AUD	ord	253	253

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26-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	23.61	AUD	ord	3,171	3,17
26-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	32,000	32,00
27-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,072	-1,07
27-Sep-22	BlackRock Fund Advisors	on mkt sell	23.63	AUD	ord	-6,355	-6,35
27-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	23.63	AUD	ord	-2,792	-2,79
27-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-32,000	-32,00
28-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,620	-2,62
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	23.59	AUD	ord	399	39
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	23.59	AUD	ord	-231	-23
28-Sep-22	BlackRock Asset Management Canada Limited	on mkt sell	23.59	AUD	ord	-443	-44:
28-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	101,523	101,52
29-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	23.81	AUD	ord	-230	-23
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	23.86	AUD	ord	-229	-22
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	23.86	AUD	ord	1,721	1,72
29-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-101,523	-101,523
30-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,345	1,34
30-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	360	36
30-Sep-22	BlackRock Investment Management (Australia) Limited BlackRock Institutional Trust	on mkt buy	23.59	AUD	ord	228	22
30-Sep-22	Company, National Association	on mkt buy	23.59	AUD	ord	919	91
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell			ord	-2,632	-2,63
30-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	23.59	AUD	ord	-1,010	-1,010
30-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a		ord	149,467	149,46
30-Sep-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ord	-590	-590
03-Oct-22	BlackRock Fund Advisors	on mkt buy	23.31	AUD	ord	98	98
03-Oct-22	BlackRock Asset Management	on mkt buy	23.31	AUD	ord	1,818	1,818
	Deutschland AG					.,	.,
03-Oct-22	BlackRock Fund Advisors	on mkt buy	23.31	AUD	ord	6,959	6,959
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	23.31	AUD	ord	1,720	1,72
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	23.31	AUD	ord	-3,440	-3,44
03-Oct-22	BlackRock Investment Management, LLC	on mkt buy	23.31	AUD	ord	1,274	1,27
03-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-48,530	-48,530
04-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.09	AUD	ord	399	399
04-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.09	AUD	ord	182	182
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	24.09	AUD	ord	-464	-464
04-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	24.09	AUD	ord	1,007	1,007
04-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-58,248	-58,24
05-Oct-22 05-Oct-22	BlackRock Advisors (UK) Limited BlackRock Financial Management,	on mkt buy on mkt sell	24.80 24.80	AUD	ord ord	6,880 -974	6,88
	Inc.						
05-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-42,689	-42,689
06-Oct-22	BlackRock Fund Advisors	on mkt sell	24.50	AUD	ord	-4,826	-4,820
06-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.50	AUD	ord	410	410
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	536	530
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	804	804
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ord	-2,650	-2,650
07-Oct-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-1,734	-1,734
07-Oct-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	1,734	1,734
07-Oct-22 10-Oct-22	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	collateral transfer in specie	n/a n/a	AUD	ord ord	42,689 -30,147	42,689 -30,147
11-Oct-22	(Australia) Limited BlackRock Fund Advisors	in enocie	n/o	AUD	ard	804	00
11-Oct-22 11-Oct-22	BlackRock Investment Management, LLC	in specie on mkt buy	n/a 23.19	AUD	ord ord	1,497	1,497
11-Oct-22	BlackRock Fund Advisors	on mkt buy	23.19	AUD	ord	99	99
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	288	288
	DIGORI CORT UTIO ACCIONIS	нт эрсог с	II/a	707	oiu		
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Date of Change	Person whose relevant interest changed	Nature of ch Consideration give change	en in relation to	CCY	Class (6) and securities		Person's votes affected
11-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-42,689	-42,689
12-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	23.94	AUD	ord	4,554	4,554
13-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	538	538
13-Oct-22	BlackRock Fund Advisors	on mkt buy	24.51	AUD	ord	158	158
13-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	24.51	AUD	ord	1,673	1,673
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	24.51	AUD	ord	4,305	4,305
13-Oct-22	BlackRock Fund Advisors	on mkt buy	24.51	AUD	ord	6,861	6,861
14-Oct-22	BlackRock Investment Management, LLC	on mkt buy	25.76	AUD	ord	1,215	1,215
14-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	25.76	AUD	ord	-817	-817
17-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	450	450
17-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	24.70	AUD	ord	1,015	1,015
19-Oct-22	BlackRock Investment Management, LLC	on mkt buy	25.64	AUD	ord	600	600
19-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.64	AUD	ord	355	355
19-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	25.64	AUD	ord	-334	-334
19-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	25.64	AUD	ord	-498	-498
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	24.89	AUD	ord	1,745	1,745
21-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	24.42	AUD	ord	-9,716	-9,716
21-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	24.23	AUD	ord	389	389
24-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.63	AUD	ord	570	570
25-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	144	144
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	24.53	AUD	ord	-248	-248
25-Oct-22	BlackRock Investment Management, LLC	on mkt buy	24.53	AUD	ord	1,376	1,376
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	24.51	AUD	ord	-904	-904
26-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	62,060	62,060
27-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-62,060	-62,060
28-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,876	1,876
28-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	24.50	AUD	ord	-3,226	-3,226
28-Oct-22	BlackRock Investment Management, LLC		24.50	AUD	ord	1,547	1,547
28-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	9,614	9,614
31-Oct-22 31-Oct-22	BlackRock Fund Advisors BlackRock Asset Management	in specie on mkt buy	n/a 24.90	AUD	ord ord	72 1,014	72 1,014
24 Oct 22	Deutschland AG	on malet hans	24.00	ALID	ad	205	205
31-Oct-22 31-Oct-22	BlackRock Advisors (UK) Limited BlackRock Institutional Trust	on mkt buy on mkt sell	24.90 24.90	AUD	ord ord	395 -4,377	395 -4,377
24 0-4 00	Company, National Association BlackRock Advisors (UK) Limited	colleteral train-f-	-/-	ALID	I	00.000	00.000
31-Oct-22 01-Nov-22	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	collateral transfer	n/a n/a	AUD	ord	90,962	90,962
01-Nov-22	BlackRock Investment Management	collateral transfer	n/a	AUD	ord ord	350	-72,452 350
02-Nov-22	(UK) Limited BlackRock Fund Advisors	in specie	n/a	AUD	ord	536	536
02-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	26.30	AUD	ord	-17,450	-17,450
02-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-28,124	-28,124
02-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ord	-350	-350
03-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	28.84	AUD	ord	-349	-349
03-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	28.82	AUD	ord	99	99
03-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	69,739	69,739
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-212	-212
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	801	801
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	29.12	AUD	ord	66	66
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	29.12	AUD	ord	66	66
04-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-69,739	-69,739
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,128	2,128
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	324	324

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Company, National Association Control Co	Date of Change	Person whose relevant interest changed	Nature of cha Consideration giver change	n in relation to	CCY	Class (6) and securities		Person's votes affecte
Section Sect	07-Nov-22		on mkt buy	29.10	AUD	ord	2,531	2,53
Section Sect	08-Nov-22	BlackRock Investment Management	on mkt sell	28.97	AUD	ord	-155	-15
Behavior BlackRock institutional Trust Company, National Association Section Secti	08-Nov-22	BlackRock Investment Management	on mkt buy	29.11	AUD	ord	2,109	2,10
Be-New 22 BlackRook Investment Management Invest	08-Nov-22	BlackRock Investment Management,	on mkt buy	29.11	AUD	ord	427	42
19-Nov.22 BlackRock Investment Management in specie nia	08-Nov-22	BlackRock Institutional Trust	on mkt buy	29.11	AUD	ord	713	71
19-Ney-22 BlackRook Alviers (VI) Limited 19-Ney-23 19-Ney-24 19-Ney-	09-Nov-22	BlackRock Investment Management	in specie	n/a	AUD	ord	-9,740	-9,74
19-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 29.09 AUD ord 588	09-Nov-22	, ,	in specie	n/a	AUD	ord	1,044	1,04
Authorities	09-Nov-22	BlackRock Advisors (UK) Limited	· · · · · · · · · · · · · · · · · · ·	29.09	AUD	ord	858	85
19-Nov.22 BlackRock Fund Advisors	10-Nov-22	· ·	on mkt sell	31.77	AUD	ord	-349	-34
14-Nov-22 BlackRock Institutional Trust On mixt buy 32.77 AUD ord 1.929 1.929 1.920		,						
Company, National Association 1-1,8002 -1								
15-Nov.22 BlackRock (nvestment Management of the Nov.22 BlackRock (nstitutional Trust of the Nov.2	14-Nov-22		on mkt buy	32.77	AUD	ord	1,929	1,92
15-Nov-22 BlackRock Investment Management On mixt sell 32.96 AUD ord 4.10	15-Nov-22	BlackRock Investment Management	on mkt sell	32.96	AUD	ord	-1,802	-1,80
15-Nov-22 BlackRock Investment Management, or mkt buy	15-Nov-22	BlackRock Investment Management	on mkt sell	32.96	AUD	ord	-410	-41
16-Nov-22 BlackRock Institutional Trust Company, National Association 16-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 31.58 AUD ord -3.95 16-Nov-22 BlackRock Fund Advisors on mkt sell 31.58 AUD ord -1.429 -1.6 Nov-22 BlackRock Institutional Trust Company, National Association on mkt sell 31.58 AUD ord -1.429 -1.6 Nov-22 BlackRock Institutional Trust Company, National Association on mkt sell 31.58 AUD ord 0.74 0.74 0.75 0	15-Nov-22	BlackRock Investment Management,	on mkt buy	33.01	AUD	ord	2,052	2,05
16-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 31.58 AUD ord 4.547 4.6	16-Nov-22	BlackRock Institutional Trust	on mkt sell	32.16	AUD	ord	-221	-22
16-Nov-22 BlackRock Fund Advisors on mkt buy 31.58 AUD ord 4.547 4 16-Nov-22 BlackRock Institutional Trust on mkt sell 31.58 AUD ord -1,429 -1 Company, National Association Collateral transfer n/a AUD ord 93.463 93 17-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 27.24 AUD ord -385 17-Nov-22 BlackRock Institutional Trust on mkt sell 27.24 AUD ord -385 17-Nov-22 BlackRock Institutional Trust On mkt sell 27.24 AUD ord -1689 -1 AUD Ord -1 AUD	16-Nov-22	• •	on mkt sell	31 58	AUD	ord	-395	-39
16-Nov-22 BlackRock Institutional Trust Company, National Association SlackRock Advisors (UK) Limited company, National Association SlackRock Advisors (UK) Limited company, National Association SlackRock Fund Advisors In specie In a		. ,						4,5
16-Nov-22 BlackRock Fund Advisors Inspecie Insp			•					-1,4
17-Nov-22 BlackRock Fund Advisors in specie n/a AUD ord 1,335 1		• • • • • • • • • • • • • • • • • • • •						
17-Nov-22 BlackRook Institutional Trust Company, National Association 17-Nov-22 BlackRook Institutional Trust Company, National Association 17-Nov-22 BlackRook Institutional Trust (Australia) Limited 17-Nov-22 BlackRook Investment Management (Australia) Limited 18-Nov-22 BlackRook Investment Management (Australia) Limited 18-Nov-22 BlackRook Investment Management (Australia) Limited 18-Nov-22 BlackRook Advisors (UK) Limited 18-Nov-22 BlackRook Advisors (UK) Limited 18-Nov-22 BlackRook Fund Advisors 18-Nov-22 BlackRook Fund Advisors 18-Nov-22 BlackRook Investment Management (Australia) Limited 18-Nov-22 BlackRook Fund Advisors 18-Nov-22 BlackRook Fund Advisors 18-Nov-22 BlackRook Investment Management (Australia) Limited 18-Nov-22 BlackRook Fund Advisors 18-Nov-22 BlackRook Institutional Trust 18-Nov-22 BlackRook Fund Advisors 18-Nov-22 BlackRook Advisors (UK) Limited 18-Nov-22 18-Nov-2								93,4
17-Nov-22 BlackRock Institutional Trust On mkt sell 27.24 AUD ord -135			'			ord		1,3
Company, National Association 17-Nov-22 BlackRock Investment Management (Australia) Limited 27.24 AUD ord -1,689 -1		Company, National Association	on mkt sell	27.24		ord		-3
(Australia) Limited 17-Nov-22 BlackRock Investment Management On mkt sell 27.59 AUD Ord -472 Ord Ord -472 Ord	17-Nov-22		on mkt sell	27.24	AUD	ord	-135	-1;
(Australia) Limited 17-Nov-22 BlackRock Advisors (UK) Limited 18-Nov-22 BlackRock Newstment Management 18-Nov-22 BlackRock Fund Advisors 18-Nov-22 BlackRock Fund Advisors 18-Nov-22 BlackRock Fund Advisors 18-Nov-22 BlackRock Fund Advisors 18-Nov-22 BlackRock Rock State 18-Nov-22 BlackRock Rock State 18-Nov-22 BlackRock Rock State 18-Nov-22 BlackRock Investment Management, 18-Nov-22 BlackRock Investment Management, 18-Nov-22 BlackRock Investment Management, 18-Nov-22 BlackRock Institutional Trust 18-Nov-22 BlackRock Investment Management, 18-Nov-22 18-Nov-22 BlackRock Advisors 18-Nov-22 18-Nov-24 18-Nov-25 18-Nov-25 18-Nov-26 18-Nov-26 18-Nov-26 18-Nov-26 18-Nov-26 18-Nov-26 18-Nov-27 18-Nov-27 18-Nov-28 1	17-Nov-22	· ·	on mkt sell	27.24		ord		-1,68
18-Nov-22 BlackRock Investment Management (Australia) Limited on mkt buy 27.06 AUD ord 9,967 9 18-Nov-22 BlackRock Fund Advisors in specie n/a AUD ord 324 18-Nov-22 BlackRock Eund Advisors (UK) Limited on mkt buy 26.92 AUD ord -545 18-Nov-22 BlackRock Investment Management, LLC on mkt buy 26.92 AUD ord 636 21-Nov-22 BlackRock Institutional Trust Company, National Association on mkt buy 26.51 AUD ord 62 21-Nov-22 BlackRock Investment Management, LLC on mkt buy 26.55 AUD ord 630 21-Nov-22 BlackRock Fund Advisors on mkt buy 26.55 AUD ord 89 21-Nov-22 BlackRock Asset Management Deutschland AG on mkt buy 26.55 AUD ord 1,042 1 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord 1,486 1 21-Nov-22 <td< td=""><td>17-Nov-22</td><td>/* /</td><td>on mkt sell</td><td>27.59</td><td>AUD</td><td>ord</td><td>-472</td><td>-47</td></td<>	17-Nov-22	/* /	on mkt sell	27.59	AUD	ord	-472	-47
(Australia) Limited 18-Nov-22 BlackRock Fund Advisors in specie n/a AUD ord 324 18-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 27.23 AUD ord -545 18-Nov-22 BlackRock Investment Management, on mkt buy 26.92 AUD ord 636 LLC C C C C C C C C	17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	27.59	AUD	ord	251	2
18-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 27.23 AUD ord -545 18-Nov-22 BlackRock Investment Management, LC 21-Nov-22 BlackRock Fund Advisors in specie n/a AUD ord 324 21-Nov-22 BlackRock Institutional Trust on mkt buy 26.51 AUD ord 62 21-Nov-22 BlackRock Investment Management, LC Company, National Association On mkt buy 26.55 AUD ord 630 21-Nov-22 BlackRock Investment Management, On mkt buy 26.55 AUD ord 630 21-Nov-22 BlackRock Fund Advisors on mkt buy 26.55 AUD ord 630 21-Nov-22 BlackRock Fund Advisors on mkt buy 26.55 AUD ord 1,042 1 21-Nov-22 BlackRock Asset Management on mkt buy 26.55 AUD ord 1,042 1 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord 1,486 1 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord -93.463 -93 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -912 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt sell 26.24 AUD ord -16,255 -16 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord -2,323 2 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -2,571 -1 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -16,255 -16 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -2,571 -1 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -2,571 -1	18-Nov-22	· ·	on mkt buy	27.06	AUD	ord	9,967	9,90
18-Nov-22 BlackRock Investment Management, on mkt buy 26.92 AUD ord 636	18-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	324	3
LLC 21-Nov-22 BlackRock Fund Advisors in specie n/a AUD ord 324 21-Nov-22 BlackRock Institutional Trust on mkt buy 26.51 AUD ord 62 21-Nov-22 BlackRock Investment Management, on mkt buy 26.55 AUD ord 630 21-Nov-22 BlackRock Fund Advisors on mkt buy 26.55 AUD ord 89 21-Nov-22 BlackRock Asset Management on mkt buy 26.55 AUD ord 1,042 1 Deutschland AG 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord 1,486 1 21-Nov-22 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ord -93,463 -93 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -912 (Australia) Limited 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 (Australia) Limited 23-Nov-22 BlackRock Investment Management, in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord -1,571 -1	18-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	27.23	AUD	ord	-545	-5
21-Nov-22 BlackRock Fund Advisors in specie n/a AUD ord 324	18-Nov-22	•	on mkt buy	26.92	AUD	ord	636	6
21-Nov-22 BlackRock Institutional Trust Company, National Association 21-Nov-22 BlackRock Investment Management, LLC 21-Nov-22 BlackRock Investment Management, on mkt buy 26.55 AUD ord 89 21-Nov-22 BlackRock Asset Management on mkt buy 26.55 AUD ord 1,042 1 21-Nov-22 BlackRock Asset Management on mkt buy 26.55 AUD ord 1,042 1 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord 1,486 1 21-Nov-22 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ord -93,463 -93 22-Nov-22 BlackRock Investment Management (Australia) Limited on mkt sell 26.24 AUD ord -912 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 23-Nov-22 BlackRock Investment Management in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management (Australia) Limited on mkt buy 26.10 AUD ord -2,323 2 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -1,571 -1	21-Nov-22		in specie	n/a	AUD	ord	324	3
21-Nov-22 BlackRock Investment Management, on mkt buy 26.55 AUD ord 630	21-Nov-22			26.51		ord		
21-Nov-22 BlackRock Asset Management On mkt buy 26.55 AUD Ord 1,042 1	21-Nov-22	BlackRock Investment Management,	on mkt buy	26.55	AUD	ord	630	6
21-Nov-22 BlackRock Asset Management on mkt buy 26.55 AUD ord 1,042 1 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord 1,486 1 21-Nov-22 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ord -93,463 -93 22-Nov-22 BlackRock Investment Management (Australia) Limited on mkt sell 26.24 AUD ord -912 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 (Australia) Limited	21-Nov-22		on mkt huv	26 55	ALID	ord	QΩ	
Deutschland AG 21-Nov-22 BlackRock Advisors (UK) Limited on mkt buy 26.55 AUD ord 1,486 1 21-Nov-22 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ord -93,463 -93 22-Nov-22 BlackRock Investment Management (Australia) Limited on mkt sell 26.24 AUD ord -912 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 (Australia) Limited 23-Nov-22 BlackRock Investment Management, in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord 2,323 2 (Australia) Limited 23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited								1,0
21-Nov-22 BlackRock Advisors (UK) Limited collateral transfer n/a AUD ord -93,463 -93 22-Nov-22 BlackRock Investment Management on mkt sell 26.24 AUD ord -912 (Australia) Limited 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 (Australia) Limited 23-Nov-22 BlackRock Investment Management, in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord 2,323 2 (Australia) Limited 23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord -1,571 -1		Deutschland AG	•					
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(Australia) Limited 22-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.24 AUD ord -253 22-Nov-22 BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 (Australia) Limited 23-Nov-22 BlackRock Investment Management, in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord 2,323 2 (Australia) Limited 23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 1-1,571 -1		. ,						-93,4
BlackRock Investment Management on mkt buy 26.24 AUD ord 14,442 14 (Australia) Limited 23-Nov-22 BlackRock Investment Management, in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord 2,323 2 (Australia) Limited 23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 1-1,571 -1		(Australia) Limited						- 9
(Australia) Limited 23-Nov-22 BlackRock Investment Management, in specie n/a AUD ord -16,255 -16 LLC 23-Nov-22 BlackRock Investment Management on mkt buy 26.10 AUD ord 2,323 2 (Australia) Limited 23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -1,571 -1								-2
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(Australia) Limited 23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -1,571 -1	23-Nov-22	_	in specie	n/a	AUD	ord	-16,255	-16,2
23-Nov-22 BlackRock Advisors (UK) Limited on mkt sell 26.00 AUD ord -201 23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -1,571 -1	23-Nov-22	· ·	on mkt buy	26.10	AUD	ord	2,323	2,3
23-Nov-22 BlackRock Investment Management on mkt buy 26.00 AUD ord 10,184 10 (Australia) Limited 23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -1,571 -1	23-Nov-22	· · · · · · · · · · · · · · · · · · ·	on mkt sell	26.00	AUD	ord	-201	-2
23-Nov-22 BlackRock Investment Management on mkt sell 26.00 AUD ord -1,571 -1		BlackRock Investment Management						10,1
(Australia) Limited	23-Nov-22	· · · · · · · · · · · · · · · · · · ·	on mkt sell	26.00	AUD	ord	-1,571	-1,5

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Date of Change	Consideration		Consideration given in relation to CCY		` ,	d number of s affected	Person's votes affected	
23-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	216	21	
25-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,068	1,06	
25-Nov-22	BlackRock Investment Management,	on mkt buy	25.15	AUD	ord	398	39	
25-Nov-22	LLC BlackRock Investment Management	collateral transfer	n/a	AUD	ord	123,283	123,28	
00.1100	(UK) Limited		05.40	ALID	1			
28-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	25.10	AUD	ord	-62	-62	
28-Nov-22	BlackRock Investment Management, LLC	on mkt buy	24.99	AUD	ord	1,550	1,550	
28-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	1		
28-Nov-22	BlackRock Investment Management	collateral transfer	n/a	AUD	ord	-123,283	-123,28	
29-Nov-22	(UK) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	24.88	AUD	ord	5,454	5,454	
29-Nov-22	BlackRock Investment Management	on mkt sell	24.87	AUD	ord	-357	-35	
29-Nov-22	(Australia) Limited BlackRock Investment Management	on mkt buy	24.70	AUD	ord	456	450	
29-Nov-22	(Australia) Limited BlackRock Investment Management	on mkt buy	24.70	AUD	ord	198	198	
29-Nov-22	(Australia) Limited BlackRock Advisors (UK) Limited	on mkt buy	24.70	AUD	ord	250	250	
29-Nov-22 29-Nov-22	BlackRock Investment Management,	<u> </u>	24.70	AUD	ord	1,506	1,500	
	LLC	•						
29-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-1	-1	
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.81	AUD	ord	5,100	5,100	
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.00	AUD	ord	-166	-166	
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.00	AUD	ord	332	333	
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	25.00	AUD	ord	-1,112	-1,112	
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.00	AUD	ord	-542	-542	
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.00	AUD	ord	-1,619	-1,619	
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	25.00	AUD	ord	619	619	
30-Nov-22	BlackRock Fund Advisors	on mkt buy	25.00	AUD	ord	5,892	5,892	
30-Nov-22	BlackRock Fund Advisors	on mkt buy	25.00	AUD	ord	3,064	3,06	
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	25.00	AUD	ord	18,631	18,63	
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	25.00	AUD	ord	-1,790	-1,79	
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.21	AUD	ord	-190	-19	
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.21	AUD	ord	-415	-41	
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	25.21	AUD	ord	1,755	1,75	
01-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	143,147		
02-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.89	AUD	ord	3,203	3,20	
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	24.89	AUD	ord	1,755	1,75	
02-Dec-22	BlackRock Investment Management, LLC	•	24.89	AUD	ord	1,351	1,35	
02-Dec-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-828	-82	
02-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-68,750	-68,75	
03-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-74,397	-74,39	
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	24.82	AUD	ord	1,916	1,910	
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	25.07	AUD	ord	250	250	
05-Dec-22	BlackRock Fund Advisors	on mkt buy	25.07	AUD	ord	179	179	
05-Dec-22	BlackRock Asset Management Deutschland AG	on mkt buy	25.07	AUD	ord	1,276	1,27	
05-Dec-22	BlackRock Asset Management Canada Limited	on mkt buy	25.07	AUD	ord	561	56	
05-Dec-22	BlackRock Fund Advisors	on mkt buy	25.07	AUD	ord	5,825	5,82	
06-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.00	AUD	ord	-208	-208	
06-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	25.05	AUD	ord	-1,995	-1,99	
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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	` ,	d number of affected	Person's votes affected
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	25.05	AUD	ord	256	256
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	25.05	AUD	ord	201	201
07-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.69	AUD	ord	6,252	6,252
07-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.65	AUD	ord	321	321
07-Dec-22	BlackRock Investment Management, LLC	on mkt buy	24.69	AUD	ord	16,109	16,109
08-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	24.32	AUD	ord	-3,452	-3,452
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	23.95	AUD	ord	1,768	1,768
08-Dec-22	BlackRock Japan Co., Ltd.	on mkt sell	23.95	AUD	ord	-862	-862
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.30	AUD	ord	99	99
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.30	AUD	ord	1,888	1,888
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.30	AUD	ord	13,273	13,273
13-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	24.30	AUD	ord	3,373	3,373
13-Dec-22	BlackRock Investment Management,	on mkt buy	24.30	AUD	ord	3,549	3,549
13-Dec-22	LLC BlackRock Fund Advisors	on mkt sell	24.30	AUD	ord	-346	-346
13-Dec-22	BlackRock Fund Advisors	on mkt sell	24.30	AUD	ord	-6,033	-6,033
13-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	148,328	148,328
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.62	AUD	ord	1,795	1,795
14-Dec-22	BlackRock Investment Management	on mkt buy	24.56	AUD	ord	4,544	4,544
14-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	24.62	AUD	ord	342	342
14-Dec-22	(Australia) Limited BlackRock Asset Management Deutschland AG	on mkt sell	24.62	AUD	ord	-5,789	-5,789
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	24.62	AUD	ord	-4,111	-4,111
14-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	27,003	27,003
15-Dec-22	BlackRock Investment Management (Australia) Limited		24.28	AUD	ord	-232	-232
15-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	24.28	AUD	ord	-1,630	-1,630
15-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-175,331	-175,331
16-Dec-22	BlackRock Investment Management (UK) Limited		24.32	AUD	ord	-302	-302
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.42	AUD	ord	4,639	4,639
16-Dec-22	BlackRock Investment Management	on mkt buy	24.42	AUD	ord	9,817	9,817
16-Dec-22	(Australia) Limited BlackRock Asset Management	on mkt buy	24.43	AUD	ord	986	986
16-Dec-22	Deutschland AG BlackRock Investment Management	on mkt buy	24.43	AUD	ord	8,500	8,500
16-Dec-22	(UK) Limited BlackRock Investment Management,	on mkt buy	24.43	AUD	ord	3,025	3,025
40 D 00	LLC		04.40	ALID		5.000	5.000
16-Dec-22 16-Dec-22	BlackRock Fund Advisors BlackRock Investment Management	on mkt buy on mkt buy	24.43 24.43	AUD AUD	ord ord	5,800 2,312	5,800 2,312
16-Dec-22	(Australia) Limited BlackRock Investment Management	on mkt buy	24.43	AUD	ord	2,088	2,088
	(Australia) Limited	<u> </u>					
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	24.43	AUD	ord	121	121
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.43	AUD	ord	1,000	1,000
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.43	AUD	ord	776	776
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.43	AUD	ord	1,141	1,141
19-Dec-22	BlackRock Asset Management Deutschland AG	on mkt buy	24.13	AUD	ord	986	986
19-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	70,649	70,649
20-Dec-22	BlackRock Fund Advisors	on mkt buy	23.88	AUD	ord	6,130	6,130
20-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-70,649	-70,649
		on mkt buy	24.01	AUD	ord	0.052	9,952
21-Dec-22 21-Dec-22	BlackRock Fund Advisors BlackRock Investment Management	on mkt buy	23.94	AUD	oru	9,952 732	9,932

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Date of Change	Person whose relevant interest changed	Consideration	f change (4) / given in relation to ange (5)	CCY	Class (6) and securities		Person's votes affected
21-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	23.94	AUD	ord	4,957	4,957
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	550	550
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	23.83	AUD	ord	-254	-254
22-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.37	AUD	ord	15,367	15,367
22-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.59	AUD	ord	348	348
23-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ord	550	550
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	24.45	AUD	ord	-1,724	-1,724
23-Dec-22	BlackRock Fund Advisors	on mkt buy	24.45	AUD	ord	166	166
23-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.45	AUD	ord	1,889	1,889
29-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.12	AUD	ord	166	166
29-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.12	AUD	ord	477	477
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	24.65	AUD	ord	-1,232	-1,232
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	24.60	AUD	ord	99	99
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	24.60	AUD	ord	-2,689	-2,689
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.52	AUD	ord	-422	-422
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.69	AUD	ord	290	290
03-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.69	AUD	ord	-9,212	-9,212
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	3,192	3,192
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	168	168
05-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.22	AUD	ord	-1,883	-1,883
05-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,128	2,128
05-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,660	2,660
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	26.40	AUD	ord	-3,446	-3,446
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ord	340	340
05-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.40	AUD	ord	-463	-463
06-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.36	AUD	ord	-363	-363
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.35	AUD	ord	1,020	1,020
09-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.49	AUD	ord	580	580
10-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,128	2,128
10-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.66	AUD	ord	-302	-302
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.66	AUD	ord	-327	-327
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,596	1,596
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	5,852	5,852
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,128	2,128
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.59	AUD	ord	-15,065	-15,065
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.59	AUD	ord	-18,294	-18,294
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.84	AUD	ord	99	99
11-Jan-23	BlackRock Asset Management Deutschland AG	on mkt buy	24.84	AUD	ord	999	999
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	24.84	AUD	ord	1,721	1,721
11-Jan-23	BlackRock Investment Management, LLC		24.84	AUD	ord	493	493
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.23	AUD	ord	12,116	12,116
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	2,394	2,394
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.26	AUD	ord	2,071	2,071
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	25.26	AUD	ord	24,696	24,696
12-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.26	AUD	ord	14,473	14,473

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Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY	Class (6) and securities		Person's votes affected
12-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.26	AUD	ord	18,904	18,904
12-Jan-23	BlackRock Fund Advisors	on mkt buy	25.26	AUD	ord	1,029	1,029
12-Jan-23	BlackRock Asset Management Deutschland AG	on mkt buy	25.26	AUD	ord	7,820	7,820
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	25.26	AUD	ord	10,530	10,530
12-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.26	AUD	ord	11,536	11,536
12-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	25.26	AUD	ord	5	Ę
12-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	25.26	AUD	ord	5	
12-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	25.26	AUD	ord	-5	-{
12-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	25.26	AUD	ord	-5	-{
13-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	25.88	AUD	ord	270	270
13-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.86	AUD	ord	7,546	7,546
13-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	25.84	AUD	ord	-711	-71 <i>′</i>
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	25.84	AUD	ord	-208	-208
16-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.39	AUD	ord	1,214	1,214
17-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	26.30	AUD	ord	105	105
17-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.26	AUD	ord	-1,659	-1,659
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.16	AUD	ord	654	654
18-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.20	AUD	ord	2,462	2,462
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.28	AUD	ord	655	65
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	26.28	AUD	ord	3,618	3,618
18-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.28	AUD	ord	3,234	3,234
18-Jan-23	BlackRock Investment Management, LLC	on mkt buy	26.28	AUD	ord	709	709
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	26.28	AUD	ord	1,337	1,337
19-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.29	AUD	ord	-3,760	-3,760
19-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,300	-1,300
19-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.33	AUD	ord	24,409	24,409
19-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.40	AUD	ord	1,786	1,786
19-Jan-23	BlackRock Fund Advisors	on mkt buy	26.40	AUD	ord	12,363	12,363
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ord	16,092	16,092
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.40	AUD	ord	1,788	1,788
19-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	62,695	62,695
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	4,240	4,240
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	795	795
20-Jan-23 20-Jan-23	BlackRock Advisors (UK) Limited BlackRock Asset Management Deutschland AG	on mkt buy on mkt buy	26.20 26.20	AUD	ord ord	1,014	1,014
20-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.20	AUD	ord	7,152	7,152
20-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	26.20	AUD	ord	5,364	5,364
20-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.20	AUD	ord	3,476	3,476
20-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	78,264	78,264
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	52	52
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	992	992
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	403	403
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	3,016	3,016
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	24,321	24,321
23-Jan-23	BlackRock Investment Management	in specie	n/a	AUD	ord	32,869	32,869

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Date of Change	Person whose relevant interest changed		ure of change (4) / ation given in relation to change (5)	CCY	Class (6) an securities	d number of affected	Person's votes affected
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	18,299	18,299
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	15,821	15,821
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	1,124	1,124
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	10,443	10,443
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	14,098	14,098
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	15,070	15,070
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	1,768	1,768
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	93	93
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	382	382
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	7,269	7,269
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	7,063	7,063
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	169	169
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	219,571	219,571
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	2,395	2,395
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	129	129
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	2,451	2,451
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	655	655
23-Jan-23	BlackRock Institutional Trust	•	n/a	AUD	ord	82	82
	Company, National Association	in specie					
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	8,074	8,074
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	7,263	7,263
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	81,002	81,002
23-Jan-23	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ord	11,547	11,547
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	10,345	10,345
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	180,286	180,286
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	51,985	51,985
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	52,852	52,852
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	606	606
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	84	84
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	5,894	5,894
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	18,491	18,491
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	-9,063	-9,063
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	30,174	30,174
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	1,884	1,884
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	3,549	3,549
23-Jan-23	BlackRock Investment Management	in specie	n/a	AUD	ord	26,354	26,354
23-Jan-23	(Australia) Limited BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	22,155	22,155
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	707	707
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	85,543	85,543
23-Jan-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	9,370	9,370
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	1,187	1,187
23-Jan-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	13,554	13,554

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Date of Change	Person whose relevant interest changed	Nature of characteristics Nature of characteristics Consideration gives change	en in relation to	CCY	Class (6) an securities	d number of affected	Person's votes affected
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	4,918	4,918
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	13,586	13,586
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	7,928	7,928
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	27,653	27,653
23-Jan-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ord	1,685	1,685
23-Jan-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ord	6,980	6,980
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	258,129	258,129
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	83,493	83,493
23-Jan-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	1,891	1,891
23-Jan-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	26,064	26,064
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,980	-2,980
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.73	AUD	ord	436	436
23-Jan-23	BlackRock Advisors, LLC	on mkt sell	26.73	AUD	ord	-785	-785
23-Jan-23	BlackRock Investment Management, LLC	on mkt buy	26.73	AUD	ord	1,315	1,315
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.73	AUD	ord	15,555	15,555
23-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ord	-140,959	-140,959

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This is Annexure B of 1 page referred to in form 605 Notice of ceasing to be a substantial shareholder

	25-Jan-23
Shawna Reese,	Date
Authorised Signatory	

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Group	55 East 52nd Street New York NY 10055 USA
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 Asset Management Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock 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)

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This is Annexure C of 3 pages referred to in form	605 Notice of ceasing to be a substantial shareholder.
	25-Jan-23
Shawna Reese, 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.
Holder of voting rights:	The Borrower.
Are there any restrictions on voting rights?	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure A.
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
Does the lender have the right to recall early?	Yes, at notice.
Will the securities be returned on settlement?	Yes.
If yes, detail any exceptions	

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

Securities Lending Agreements

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

- (a) Bank of Nova Scotia, London Branch GMSLA, 25 August 2011
- (b) Barclays Bank plc GMSLA, 9 April 2104
- (c) Barclays Capital Securities Limited GMSLA, 2 December 2012
- (d) BNP Paribas Arbitrage GMSLA, 30 May 2013
- (e) BNP Paribas GMSLA, 8 May 2007
- (f) Citigroup Global Markets Limited GMSLA, 18 January 2007
- (g) 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 20201

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 OSLA April 1, 2004
- 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**