Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange

and

To: Ebos Group Limited

Date this disclosure made: 30 June 2023

Date on which substantial holding began: 28 June 2023

Substantial product holder(s) giving disclosure

Full name(s): BlackRock, Inc. and related bodies corporate

Summary of substantial holding

Class of quoted voting products: Ordinary Shares

Summary for: Product holders listed in Appendix A

For this disclosure,—

(a) total number held in class: 9,588,373

(b) total in class: 191,603,879

(c) total percentage held in class: 5.004%

Details of relevant interests

Details for: Product holders listed in Appendix A

Nature of relevant interest(s): The power to control the acquisition or disposal of the quoted voting product and/or the exercise of a right to vote attached to the quoted voting product, arising only from the powers of investment contained in each case under investment management agreements appointing each entity as investment manager of funds or separate accounts (i.e. entity currently exercising investment discretion on behalf of the relevant funds or separate accounts). No relevant agreement document needs to be attached under Regulation 139.

For that relevant interest,—

- (a) number held in class: Refer to Appendix A
- (b) percentage held in class: Refer to Appendix A
- (c) current registered holder(s): Refer to Appendix A
- (d) registered holder(s) once transfers are registered: Not applicable

Details of transactions and events giving rise to substantial holding

Details of the transactions or other events requiring disclosure: Refer to Appendix B

Additional information

Address(es) of substantial product holder(s): Refer to Appendix A

Contact details: Tevin Murray, Tel +1-302-793-7155, Email: Tevin.murray@blackrock.com

Nature of connection between substantial product holders: Refer to Appendix A

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Financial Markets Conduct Act 2013 in relation to the financial products to which this disclosure relates: Not applicable.

Certification

I, Tevin Murray, certify that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.

Appendix A

		Total F	leld in Class		Nature of	
Holder of Relevant Interests	Class	CCY	Number of Securities	%	Association	Address
APERIO GROUP LLC	ORD	NZD	35,356	0.018%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
BlackRock (Singapore) Limited	ORD	NZD	741	0.000%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	ORD	NZD	1,046,346	0.546%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	ORD	NZD	94,567	0.049%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	ORD	NZD	337,111	0.176%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	ORD	NZD	1,802	0.001%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	ORD	NZD	83,803	0.044%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	ORD	NZD	3,009,006	1.570%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	ORD	NZD	2,123,879	1.108%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	ORD	AUD	92,704	0.048%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	ORD	NZD	1,220,713	0.637%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	ORD	NZD	1,131,677	0.591%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	ORD	NZD	152,411	0.080%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	ORD	NZD	258,257	0.135%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

EBO page 1 of 1

EBOS GROUP LIMITED

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration	•		l number of es affected	Person's votes affected
01-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	44.32	ORD	1,060	1,060
01-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-8,364	-8,364
01-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,872	1,872
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	43.48	ORD	932	932
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	43.48	ORD	284	284
01-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-34,844	-34,844
02-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	42.7	ORD	2,854	2,854
02-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-288	-288
02-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-448	-448
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	43	ORD	124	124
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	43	ORD	248	248
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	43.00	ORD	366	366
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	43.00	ORD	128	128
02-Mar-23	BlackRock Investment Management, LLC	on mkt buy	43.00	ORD	139	139
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	43.50	ORD	128	128
03-Mar-23	BlackRock Institutional Trust Company,	on mkt buy	43.5	ORD	6,335	6,335
	National Association					
06-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-296	-296
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	44.74	ORD	24	24
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	430	430
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	44.96	ORD	33,366	33,366
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	1,200	1,200
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	48	48
07-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	33,049	33,049
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.25	ORD	128	128
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.25	ORD	160	160
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.25	ORD	192	192
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.25	ORD	9	9
08-Mar-23	BlackRock Investment Management, LLC	on mkt sell	45.25	ORD	-2,133	-2,133
08-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	167,224	167,224
08-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-33,049	-33,049
09-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.75	ORD	496	496
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.75	ORD	-997	-997
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.75	ORD	-269	-269
09-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-41,700	-41,700
09-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	13,489	13,489
10-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-180	-180
10-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-31,239	-31,239
10-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	34,441	34,441
13-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.39	ORD	48	48
13-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	45.39	ORD	-466	-466
13-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-22,500	-22,500
13-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-40,000	-40,000
14-Mar-23	BlackRock Asset Management Canada Limited	in specie	n/a	ORD	3,483	3,483
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.16	ORD	1,968	1,968
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	45.16	ORD	-5,289	-5,289
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.16	ORD	224	224
14-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.17	ORD	-138,231	-138,231
14-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-4,297	-4,297
14-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-7,491	-7,491
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.50	ORD	242	242
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EBO page 1 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration		number of s affected	Person's votes affected	
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	160	160
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	240	240
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.50	ORD	24	24
15-Mar-23	BlackRock Investment Management, LLC	on mkt buy	45.50	ORD	2,142	2,142
15-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.50	ORD	62	
15-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-8,364	-8,364
15-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	49,611	
16-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	45.82	ORD	4,288	· · · · · · · · · · · · · · · · · · ·
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	46.49	ORD	423	
16-Mar-23	BlackRock Fund Advisors	on mkt sell	46.49	ORD	-174	
16-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	46.49	ORD	-13,592	
16-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	6,941	6,94
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-300	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	534	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,670	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,602	· · · · · · · · · · · · · · · · · · ·
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17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	3,738	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	288	
17-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	45.91	ORD	4,288	
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.80	ORD	160	
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	45.80	ORD	-525	
17-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	45.80	ORD	2,605	2,605
17-Mar-23	BlackRock Fund Advisors	on mkt sell	45.8	ORD	-970	-970
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ORD	4,634	4,634
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ORD	1,562	1,562
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.80	ORD	-111	-111
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.8	ORD	-4,882	-4,882
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	10,687	10,687
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	29,255	29,255
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	28,775	28,775
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	667	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	9,044	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	6,587	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	2,675	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	2,631	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	60	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	827	
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	46.08	ORD	602	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,670	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-600	
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,136	
20-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,680	
20-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,716	-1,716
20-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	45.22	ORD	435	435
				ORD		

EBO page 2 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration	_		number of s affected	Person's votes affected
20-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	44.91	ORD	3,679	3,679
20-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	44.91	ORD	11,236	11,236
20-Mar-23	BLACKROCK ADVISORS LLC	on mkt sell	44.91	ORD	-3,486	-3,486
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	44.91	ORD	-117	-117
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	44.91	ORD	-76	-76
20-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	2,515	2,515
20-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-56,991	-56,991
21-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,377	-1,377
21-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	44.42	ORD	4,287	4,287
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.47	ORD	392	392
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.47	ORD	89	89
21-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-459	-459
21-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-65,926	-65,926
22-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,141	-1,141
22-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	45.45	ORD	4,288	
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.32	ORD	198	198
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.70	ORD	192	192
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.7	ORD	424	424
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.70	ORD	-3,041	-3,041
22-Mar-23	BlackRock Fund Advisors	on mkt buy	45.70	ORD	188	188
22-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2,933	-2,933
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.50	ORD	5,673	5,673
23-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-298	-298
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	45.82	ORD	-50	-50
23-Mar-23	BlackRock Fund Advisors	on mkt buy	45.82	ORD	618	618
23-Mar-23	BlackRock Investment Management, LLC	on mkt buy	45.82	ORD	135	135
23-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4,976	4,976
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.53	ORD	201	201
24-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	45.12	ORD	-524	
24-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.12	ORD	792	
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.12	ORD	-1,499	
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.12	ORD	-5,462	
24-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,192	
27-Mar-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	918	918
27-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-302	
27-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	270	
27-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.69	ORD	492	
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.79	ORD	19,256	
27-Mar-23	BlackRock Fund Advisors	on mkt buy	45.79	ORD	406	
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.79	ORD	367	
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.79	ORD	103	
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.69	ORD	-108	-108
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,584	-1,584
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	415	415
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.2	ORD	608	
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	45.2	ORD	-48	-48

EBO page 3 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration		number of s affected	Person's votes affected	
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45.2	ORD	27	2
28-Mar-23	BLACKROCK ADVISORS LLC	on mkt buy	45.2	ORD	5,193	5,193
28-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-6,120	-6,120
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.12	ORD	203	203
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	45	ORD	-68	-68
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	217	217
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	93	93
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	372	
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	1,423	
29-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	45	ORD	4,807	
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.38	ORD	107	107
30-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	542	542
30-Mar-23	BlackRock Fund Advisors	on mkt buy	46.49	ORD	16,764	
30-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	46.61	ORD	494	
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,078	
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	539	
		<u> </u>	46.46			
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy		ORD	205	
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	46.49	ORD	19,330	,
31-Mar-23	BlackRock Investment Management, LLC	on mkt buy	46.49	ORD	46,675	
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	46.49	ORD	7,932	7,932
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	46.49	ORD	2,398	2,398
31-Mar-23	BLACKROCK ADVISORS LLC	on mkt buy	46.49	ORD	3,875	3,875
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	46.5	ORD	-402	-402
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	46.5	ORD	363	363
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	46.5	ORD	496	
31-Mar-23	BlackRock Institutional Trust Company,	on mkt sell	46.5	ORD	-19,725	
31-Mar-23	National Association BlackRock Institutional Trust Company,	on mkt sell	46.5	ORD	-1,608	
31-Mar-23	National Association BlackRock Investment Management	on mkt buy	46.67	ORD	143	
	(Australia) Limited BlackRock Fund Advisors			ORD		
03-Apr-23		in specie	n/a		-8,392	
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-318	
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	96	
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	38	
03-Apr-23	BlackRock Fund Advisors	on mkt buy	45.5	ORD	313	
03-Apr-23	BlackRock Investment Management, LLC	on mkt buy	45.5	ORD	135	
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.5	ORD	5,861	5,861
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,168	2,168
04-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-8,392	-8,392
04-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	45.5	ORD	-572	-572
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.42	ORD	402	402
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	45.42	ORD	-804	
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	45.42	ORD	-121	
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.42	ORD	38	
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.42	ORD	46	
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.42	ORD	46	
04-Apr-23	, ,		45.42	ORD		
	BlackRock Fund Advisors	on mkt buy			8,186	
04-Apr-23	BlackRock Fund Advisors	on mkt buy	45.42	ORD	3,438	
04-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	45.42	ORD	1,577	
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.22	ORD	107	
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.22	ORD	107	107
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.43	ORD	9,854	9,854

EBO page 4 of 14

Transaction Date	Person whose relevant interest changed	Nature of Consideration		Class and securities		Person's votes affected
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.37	ORD	207	207
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.4	ORD	2,057	2,057
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.4	ORD	320	320
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.4	ORD	46	46
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.4	ORD	18	18
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.4	ORD	6,399	6,399
05-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.4	ORD	406	406
05-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.4	ORD	102	102
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.59	ORD	1,098	1,098
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.59	ORD	476	476
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.59	ORD	217	217
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.59	ORD	46	46
11-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-350	-350
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.82	ORD	11,504	11,504
11-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	45.64	ORD	642	642
11-Apr-23	BlackRock Fund Advisors	on mkt buy	45.64	ORD	2,032	2,032
11-Apr-23	BlackRock Fund Advisors	on mkt buy	45.64	ORD	1,055	1,055
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.64	ORD	1,279	1,279
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.64	ORD	409	409
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	45.64	ORD	166	166
12-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.47	ORD	210	210
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	25	25
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	45	ORD	-768	-768
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	54	54
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45	ORD	384	384
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.8	ORD	244	244
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.8	ORD	794	794
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.8	ORD	18	18
13-Apr-23	BlackRock Fund Advisors	on mkt buy	45.8	ORD	274	274
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.18	ORD	194	194
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.65	ORD	-400	-400
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	44.65	ORD	129	129
14-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	855	855
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	44.73	ORD	8,332	8,332
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.79	ORD	-796	-796
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	44.79	ORD	2,684	2,684
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	44.79	ORD	341	341
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	44.79	ORD	24	24
18-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	44.79	ORD	692	692
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.01	ORD	111	111
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.01	ORD	307	307
	BlackRock International Limited	on mkt buy	45.22	ORD	1,059	1,059
19-Apr-23				ORD	65	65
19-Apr-23 19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.28	OND	00	
	BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	45.28	ORD	148	148
19-Apr-23	BlackRock Investment Management (Australia) Limited BlackRock Investment Management					
19-Apr-23	BlackRock Investment Management (Australia) Limited BlackRock Investment Management (Australia) Limited	on mkt buy	45.08	ORD	148	148

EBO page 5 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration		number of s affected	Person's votes affected	
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,225	-1,22
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.46	ORD	524	524
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.47	ORD	-1,200	-1,200
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.47	ORD	-1,048	-1,048
20-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.47	ORD	8,582	8,582
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.63	ORD	111	11′
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.63	ORD	111	111
20-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,068	
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	288	
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.78	ORD	213	213
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.53	ORD	262	262
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.42	ORD	9,654	9,654
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	119	119
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	366	366
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	45.5	ORD	-595	
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.5	ORD	155	
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	45.5	ORD	-1,294	
21-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	8,773	8,773
21-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1	-
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	45.53	ORD	1,265	
24-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	45.7	ORD	88	88
24-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,620	
24-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	2,912	
25-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	546	
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-678	
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,736	2,736
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-28	-28
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,656	-1,656
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.96	ORD	216	216
26-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	44.82	ORD	29,881	29,88
26-Apr-23	BlackRock Fund Advisors	on mkt buy	44.82	ORD	3,091	3,091
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.8	ORD	-122	
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.8	ORD	-228	
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	44.8	ORD	50	
26-Apr-23	BlackRock Asset Management Canada Limited	on mkt sell	44.8	ORD	-10,958	-10,958
26-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	10,728	10,728
27-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.57	ORD	19,009	19,009
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.56	ORD	-244	-244
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.56	ORD	-119	
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.56	ORD	-932	
27-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	44.56	ORD	1,745	
28-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-2,340	-2,340
28-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	44.46	ORD	24,585	
28-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	44.46	ORD	282	282
28-Apr-23	BlackRock Fund Advisors	on mkt buy	44.46	ORD	3,643	3,643
28-Apr-23	BlackRock Investment Management	on mkt buy	44.23	ORD	217	

EBO page 6 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration	_		number of s affected	Person's votes affected
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	44.3	ORD	1,975	1,975
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.3	ORD	-114	-114
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	44.3	ORD	-2,630	-2,630
28-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4,437	
01-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.25	ORD	217	217
01-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-329	-329
02-May-23	BlackRock Investment Management, LLC	in specie	n/a	ORD	10,243	10,243
02-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	4,225	
02-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-435	
02-May-23	BlackRock Asset Management Canada Limited	on mkt buy	43.69	ORD	18,441	18,441
02-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	43.69	ORD	16,704	16,704
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.69	ORD	615	615
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.69	ORD	976	
02-May-23	BlackRock Asset Management Canada Limited	on mkt buy	43.69	ORD	4,896	
02-May-23	BlackRock Asset Management Canada Limited	on mkt sell	43.69	ORD	-9,329	-9,329
02-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	43.69	ORD	4,433	4,433
03-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-2,340	-2,340
03-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	43.73	ORD	37,856	
03-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.8	ORD	93	93
03-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.8	ORD	341	341
04-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	114	
04-May-23	BlackRock Advisors (UK) Limited	on mkt sell	44.05	ORD	-34	
04-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.05	ORD	558	558
04-May-23	BlackRock Advisors (UK) Limited	on mkt sell	44.05	ORD	-796	
04-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.05	ORD	2,503	2,503
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	43.8	ORD	111	111
05-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-4,225	-4,225
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.19	ORD	2,684	
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.19	ORD	496	
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.19	ORD	246	
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.19	ORD	246	
05-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.19	ORD	2,356	
08-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-4,225	-4,225
08-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	44.77	ORD	5,588	
08-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	55,853	55,853
09-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-110	-110
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.5	ORD	160	160
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.5	ORD	256	
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.5	ORD	88	
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.5	ORD	72	
09-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.5	ORD	6,153	
09-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	44.5	ORD	1,125	1,125
09-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	8,413	8,413
10-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	114	
10-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.99	ORD	13,878	
10-May-23	BlackRock Fund Advisors	on mkt buy	44.99	ORD	3,960	
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	45.29	ORD	-312	
10-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	14,513	
11-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	543	
11-May-23	BLACKROCK FINANCIAL MANAGEMENT	on mkt buy	44.34	ORD	14,731	14,731
1 1-1viay-25	INC	•				

EBO page 7 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration		number of s affected	Person's votes affected	
11-May-23	BlackRock Advisors (UK) Limited	on mkt sell	44.4	ORD	-68	-68
11-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.4	ORD	69	69
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-242	-242
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	12,933	
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-2,340	
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,260	
12-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	44.13	ORD	5,148	5,148
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	44.22	ORD	152	152
12-May-23	BlackRock Advisors (UK) Limited	on mkt sell	44.1	ORD	-396	-396
12-May-23	BlackRock Advisors (UK) Limited	on mkt sell	44.1	ORD	-543	
12-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	435	435
15-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	114	
15-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-1,368	-1,368
15 May 22	BlackRock Fund Advisors	in anasia	n/a	ODD	075	075
15-May-23		in specie	n/a	ORD	-875	
15-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,098	1,098
15-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	435	435
16-May-23	BlackRock Advisors (UK) Limited	on mkt buy	44.15	ORD	976	
16-May-23	BlackRock Advisors (UK) Limited	on mkt sell	44.15	ORD	-34	
16-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,625	1,625
16-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	44,109	44,109
17-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	288	288
17-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-330	-330
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	43.76	ORD	128	128
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.99	ORD	122	122
17-May-23	BlackRock Advisors (UK) Limited	on mkt sell	43.99	ORD	-798	
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.99	ORD	959	959
17-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	43.99	ORD	2,747	2,747
10 May 22		an malet hans	12.4	ODD	244	244
18-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.4	ORD	244	
18-May-23	BlackRock Advisors (UK) Limited	on mkt sell	43.4	ORD	-2,418	
18-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-40,641	-40,641
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	43.1	ORD	153	153
19-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43	ORD	246	
19-May-23	BlackRock Advisors (UK) Limited	on mkt sell	43	ORD	-524	-524
22-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	52,278	52,278
23-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.91	ORD	-231	-231
23-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.91	ORD	37	37
23-May-23	BlackRock Institutional Trust Company,	on mkt sell	42.91	ORD	-1,869	-1,869
00.14	National Association			000	050	050
23-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-658	
24-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.89	ORD	-1,048	
24-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.89	ORD	15,453	
24-May-23	BlackRock Investment Management, LLC	on mkt buy	42.89	ORD	1,594	
24-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.89	ORD	2,724	2,724
24-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.89	ORD	-590	-590
24-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-347	-347
25-May-23	BlackRock Advisors (UK) Limited	on mkt sell	43.18	ORD	-2,412	
25-May-23	BlackRock Advisors (UK) Limited	on mkt buy	43.18	ORD	17,081	17,081
25-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	43.18	ORD	-1,475	
25-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-5,897	-5,897
25-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-78	-78
26-May-23	BlackRock Advisors (OK) Limited BlackRock Institutional Trust Company, National Association	on mkt sell	42.6	ORD	-53	
26-May-23		on mkt huy	42.48	ORD	4 400	4 400
26-May-23 26-May-23	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	on mkt buy collateral transfer	42.48 n/a	ORD	4,428 -402	
		conareral transfer	n/a	UKI)	-407	-407

EBO page 8 of 14

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Transaction Date	Person whose relevant interest changed	Nature of cha Consideration			number of s affected	Person's votes affected	
29-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	79	79	
30-May-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-1,614	-1,614	
30-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	556		
30-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	349		
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	41.88	ORD	155	155	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.07	ORD	1,222	1,222	
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.07	ORD	1,429	1,429	
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.07	ORD	24		
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.07	ORD	913	913	
31-May-23	BlackRock (Singapore) Limited	on mkt buy	42.07	ORD	12	12	
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.07	ORD	2	2	
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.07	ORD	19	19	
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.07	ORD	67	67	
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.07	ORD	3		
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.07	ORD	264	264	
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.07	ORD	410	410	
31-May-23	BlackRock Fund Advisors	on mkt buy	42.07	ORD	1,160	1,160	
31-May-23	BlackRock Fund Advisors	on mkt buy	42.07	ORD	187	187	
31-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	42.07	ORD	71	71	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.07	ORD	33	33	
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.07	ORD	214	214	
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-382	-382	
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-4,584		
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-1,599		
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	192		
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	200	200	
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-15,682	-15,682	
31-May-23	BlackRock International Limited	on mkt sell	42.08	ORD	-2,827	-2,827	
31-May-23	BlackRock Fund Advisors	on mkt sell	42.08	ORD	-299	-299	
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	42.08	ORD	10,389	10,389	
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	741	741	
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	2,488	2,488	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	7,161	7,161	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	5,324	5,324	
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	5,813	5,813	
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	19,511	19,511	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	42.08	ORD	-9,075	-9,075	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	27	27	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	10,948	10,948	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	42.08	ORD	-777	-777	
31-May-23	BlackRock Japan Co., Ltd.	on mkt sell	42.08	ORD	-4,831	-4,831	
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31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	1	1	

EBO page 9 of 14

Transaction Date	Person whose relevant interest changed	Nature of Considerat	_		d number of es affected	Person's votes affected
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	20	20
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	8,171	8,171
31-May-23	BlackRock (Singapore) Limited	on mkt buy	42.08	ORD	1	1
31-May-23	BlackRock (Singapore) Limited	on mkt buy	42.08	ORD	101	101
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	42.08	ORD	-7,614	-7,614
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-44	-44
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	300	300
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	1,911	1,911
31-May-23	BlackRock Fund Advisors	on mkt sell	42.08	ORD	-1,045	-1,045
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-10,607	-10,607
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	11	11
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	1	1
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	1	1
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	166	166
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-912	-912
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	2	2
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	594	594
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-3,812	-3,812
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	23	23
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	1	1
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	31	31
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	12,802	12,802
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	42.08	ORD	-4,760	-4,760
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	7	7
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	2,361	2,361
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	9	9
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	3,674	3,674
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	26	26
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	10,390	
31-May-23	BlackRock Investment Management, LLC	on mkt sell	42.08	ORD	-377	-377
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	5	5
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	1,675	1,675
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-1,215	-1,215
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-365	-365
31-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	42.08	ORD	2	2
31-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	42.08	ORD	629	629
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-39	-39
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	1	1
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	286	286
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	5	5
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	1,915	1,915
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	68,525	68,525
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	1,287	1,287

EBO page 10 of 14

Transaction Date	Person whose relevant interest changed	Nature of cha Consideration	_		d number of es affected	Person's votes affected
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	51,150	51,150
31-May-23	BlackRock (Singapore) Limited	on mkt buy	42.08	ORD	627	627
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	73	73
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	42.08	ORD	1,034	1,034
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	3,714	3,714
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	143	143
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	80,137	80,137
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	14,799	14,799
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	42.08	ORD	23,010	23,010
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	65,033	65,033
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	10,492	
31-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	42.08	ORD	3,939	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	1,790	1,790
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	42.08	ORD	12,000	12,000
31-May-23	BlackRock Fund Advisors	on mkt buy	42.08	ORD	16,214	16,214
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	42.08	ORD	11,660	
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	42.08	ORD	1,111	1,111
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-430	-430
31-May-23	BlackRock Fund Advisors	on mkt sell	42.08	ORD	-2,879	-2,879
31-May-23	BlackRock Fund Advisors	on mkt sell	42.08	ORD	-10,072	
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-11,705	
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-3,515	-3,515
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	42.08	ORD	-384	-384
31-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-50,526	-50,526
01-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	180	
01-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	180	
01-Jun-23	BlackRock Fund Advisors	on mkt sell	41.89	ORD	-325	
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	41.85	ORD	1,599	
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	41.85	ORD	-90	
01-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	62,171	
02-Jun-23	BlackRock Fund Advisors	on mkt sell	41.69	ORD	-268	
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	-350	
02-Jun-23	BlackRock Investment Management	on mkt buy	41.55	ORD	155	
	(Australia) Limited					
02-Jun-23	(Australia) Limited BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	41.36	ORD	955	955
02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT	on mkt buy	41.36 41.36	ORD	955 40,688	
02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited	on mkt buy	41.36	ORD		40,688
02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited	on mkt buy	41.36 41.46	ORD ORD	40,688 762	40,688 762
02-Jun-23 02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy on mkt buy	41.36 41.46 41.46	ORD ORD ORD	40,688	40,688 762 95
02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited	on mkt buy	41.36 41.46	ORD ORD	40,688 762 95	40,688 762 95 285
02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt buy on mkt buy on mkt buy	41.36 41.46 41.46 41.46	ORD ORD ORD ORD	40,688 762 95 285	40,688 762 98 288 -7,329
02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, National Association	on mkt buy on mkt buy on mkt buy on mkt buy on mkt sell in specie	41.36 41.46 41.46 41.46 41.46	ORD ORD ORD ORD ORD ORD	40,688 762 95 285 -7,329	40,688 762 95 285 -7,329
02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company,	on mkt buy on mkt buy on mkt buy on mkt buy on mkt sell	41.46 41.46 41.46 41.46	ORD ORD ORD ORD ORD	40,688 762 95 285 -7,329	40,688 762 95 285 -7,329 -7,524
02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 06-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited	on mkt buy on mkt buy on mkt buy on mkt buy on mkt sell in specie collateral transfer in specie	41.46 41.46 41.46 41.46 n/a n/a	ORD ORD ORD ORD ORD ORD ORD ORD	40,688 762 95 285 -7,329 -7,524 -122,210 4,781	40,688 762 95 285 -7,329 -7,524 -122,210 4,781
02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 06-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited BlackRock Fund Advisors	on mkt buy on mkt buy on mkt buy on mkt buy on mkt sell in specie collateral transfer in specie in specie	41.46 41.46 41.46 41.46 n/a n/a n/a	ORD	40,688 762 95 285 -7,329 -7,524 -122,210 4,781 -1,225	40,688 762 95 285 -7,329 -7,524 -122,210 4,781 -1,225
02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 02-Jun-23 06-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC BlackRock Asset Management Canada Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited BlackRock Asset Management Canada Limited BlackRock Institutional Trust Company, National Association BlackRock Advisors (UK) Limited BlackRock Investment Management (UK) Limited	on mkt buy on mkt buy on mkt buy on mkt buy on mkt sell in specie collateral transfer in specie	41.46 41.46 41.46 41.46 n/a n/a	ORD ORD ORD ORD ORD ORD ORD ORD	40,688 762 95 285 -7,329 -7,524 -122,210 4,781	40,688 762 95 285 -7,329 -7,524 -122,210 4,781 -1,225 95

EBO page 11 of 14

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Transaction Date	Person whose relevant interest changed	Nature of change /		Class and number of			
		Consideration	(NZD)	securiti	es affected	affected	
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.38	ORD	363	363	
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.38	ORD	95	95	
06-Jun-23	BlackRock Japan Co., Ltd.	on mkt buy	37.38	ORD	76	76	
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	35.8	ORD	156	156	
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.5	ORD	861	861	
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.5	ORD	224	224	
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.5	ORD	92	92	
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.5	ORD	5,174		
07-Jun-23	BlackRock Fund Advisors	on mkt sell	35.5	ORD	-8,297	-8,297	
07-Jun-23	BlackRock Fund Advisors	on mkt sell	35.5	ORD	-1,658	-1,658	
07-Jun-23	BlackRock Fund Advisors	on mkt sell	35.5	ORD	-3,503	-3,503	
07-Jun-23	BlackRock Fund Advisors	on mkt sell	35.5	ORD	-760	-760	
07-Jun-23	BlackRock Fund Advisors	on mkt sell	35.5	ORD	-24		
08-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.95	ORD	320	320	
08-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.95	ORD	96	96	
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	35.75	ORD	2,009	2,009	
08-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.95	ORD	13,595	13,595	
08-Jun-23	BlackRock International Limited	in specie	n/a	ORD	-32,139	-32,139	
08-Jun-23	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	in specie	n/a	ORD	528	528	
08-Jun-23 09-Jun-23	BlackRock Investment Management	collateral transfer on mkt buy	n/a 35.89	ORD ORD	-1,587 1,933	-1,587 1,933	
12-Jun-23	(Australia) Limited BlackRock Investment Management (UK)	in specie	n/a	ORD	-47,173		
12-Jun-23	Limited BlackRock Institutional Trust Company,	in specie	n/a	ORD	4,797	4,797	
	National Association						
12-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.6	ORD	160	160	
12-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	35.6	ORD	-638	-638	
13-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	180	180	
13-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	35.91	ORD	1,999	1,999	
13-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.26	ORD	50	50	
13-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	36.26	ORD	3,221	3,221	
13-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	5,685	5,685	
14-Jun-23	BlackRock Investment Management	on mkt buy	35.65	ORD	159	159	
44.1.00	(Australia) Limited	1.1	05.00	000	2 2 2 2		
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	35.33	ORD	-3,335	-3,335	
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	35.77	ORD	3,654	3,654	
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.64	ORD	160	160	
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.64	ORD	74		
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	35.64	ORD	-132		
14-Jun-23 14-Jun-23	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy on mkt sell	35.64 35.64	ORD ORD	138 -777	138 -777	
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	35.64	ORD	-777	-777	
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	35.64	ORD	-4,749	-4,749	
14-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,400	8,400	
15-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,366		
15-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	35.7	ORD	-66		
15-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.7	ORD	352		
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	35.75	ORD	4,263	4,263	
15-Jun-23	BlackRock Fund Advisors	on mkt sell	35.7	ORD	-869	-869	
16-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	4,183	4,183	
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.6	ORD	256	256	
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.6	ORD	230		
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	36.6	ORD	1,501	1,501	

EBO page 12 of 14

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Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected	
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	36.6	ORD	10,994	10,994	
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	36.6	ORD	2,762	2,762	
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	36.6	ORD	20,207	20,207	
16-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	36.6	ORD	-12,284	-12,284	
16-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	36.6	ORD	2,200	2,200	
16-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	36.6	ORD	1,196	1,196	
16-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	36.6	ORD	-1,407	-1,407	
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	36.33	ORD	-1,020	-1,020	
19-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	37	ORD	-1,155	-1,155	
19-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37	ORD	2,968		
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	36.99	ORD	-100	-100	
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.46	ORD	168	168	
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.46	ORD	252		
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.46	ORD	96	96	
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.46	ORD	92	92	
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.46	ORD	138		
20-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	37.46	ORD	-7,502		
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	37.46	ORD	-2,854		
20-Jun-23	BlackRock Fund Advisors	on mkt buy	37.46	ORD	2,639		
20-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	37.46	ORD	-1,349	-1,349	
20-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-24,563		
21-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	528	528	
21-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	37.06	ORD	-2,310	-2,310	
21-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	37.06	ORD	192	192	
21-Jun-23	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-887	-887	
22-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,078	-1,078	
22-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	36.34	ORD	21,608	21,608	
22-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	36.29	ORD	25,882		
22-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	36.29	ORD	908	908	
22-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.3	ORD	496	496	
22-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.3	ORD	672		
23-Jun-23 23-Jun-23	BlackRock Fund Advisors BlackRock Investment Management (Australia) Limited	in specie on mkt buy	n/a 36.42	ORD ORD	-1,078 164	-1,078 164	
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	36.8	ORD	-1,540	-1,540	
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.8	ORD	372		
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	36.8	ORD	-88	-88	
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	36.8	ORD	188	188	
23-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4,819	4,819	
26-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.49	ORD	165	165	
26-Jun-23	BlackRock Fund Advisors	on mkt buy	35.49	ORD	4,447	4,447	
26-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,335	2,335	
27-Jun-23	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	671	671	
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	35.68	ORD	-500	-500	
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.95	ORD	288		
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	35.95	ORD	320		
	51 15 1 4 1 1 (110 1 1 1 1		25.05	ODD	-3,024	-3,024	
27-Jun-23 27-Jun-23	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell on mkt sell	35.95 35.95	ORD ORD	-6,258	-6,258	

EBO page 13 of 14

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected	
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	-3,234	-3,234	
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,386	1,386	
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	519	519	
28-Jun-23	BlackRock Asset Management Canada Limited	on mkt buy	36.52	ORD	31,053	31,053	
28-Jun-23	BlackRock Fund Advisors	on mkt buy	36.52	ORD	3,248	3,248	
28-Jun-23	BlackRock Investment Management, LLC	on mkt sell	36.5	ORD	-1,062	-1,062	
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	-336	-336	
28-Jun-23	Aperio Group, LLC	in specie	n/a	ORD	35,356	35,356	

EBO page 14 of 14