

Disclosure of movement of 1% or more in substantial holding  
or change in nature of relevant interest, or both

*Sections 277 and 278, Financial Markets Conduct Act 2013*

**To:** New Zealand Stock Exchange  
and  
**To:** SPARK NEW ZEALAND LTD

Relevant event being disclosed: Movement of 1% or more in substantial holding

Date of relevant event: 03 June 2022

Date this disclosure made: 07 June 2022

Date last disclosure made: 20 March 2018

**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 & American Depository Receipts

Summary for: Product holders listed in Appendix A

For **this** disclosure,—

- (a) total number held in class: 161,169,532
- (b) total in class: 1,871,587,475
- (c) total percentage held in class: 8.611%

For **last** disclosure,—

- (a) total number held in class: 137,946,771
- (b) total in class: 1,834,949,099
- (c) total percentage held in class: 7.518%

Details of transactions and events giving rise to relevant event

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

**Details after relevant event**

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

For a derivative relevant interest, also—

- (a) type of derivative: Contracts for Difference
- (b) details of derivative:
  - Notional number of underlying shares: 1,230,189
  - These derivatives are all cash-settled.
  - Derivatives were acquired and/or disposed of as follows: Refer to Appendix B
- (c) parties to the derivative: Refer to Appendix C
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: The power to control the acquisition or disposal of the derivative – Refer to Appendix C

**Additional information**

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

Contact details: Kayla Mulvihill, Tel +1-302-797-6268, Email  
kayla.mulvihill@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, Kayla Mulvihill, 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**

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
APERIO GROUP LLC	ADR 5:1	USD	5,898,505	0.315%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
APERIO GROUP LLC	ORD	NZD	1,851,491	0.099%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
BlackRock (Singapore) Limited	ORD	NZD	3,627	0.000%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	ORD	NZD	14,347,938	0.767%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BLACKROCK ADVISORS LLC	CFD	NZD	58,245	0.003%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK ADVISORS LLC	ORD	NZD	1,300,016	0.069%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	ORD	NZD	2,800,529	0.150%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	ORD	NZD	1,903,141	0.102%	subsidiary of BlackRock Inc.	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	ORD	NZD	735,179	0.039%	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.	CFD	AUD	178,284	0.010%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK FINANCIAL MANAGEMENT, INC.	CFD	NZD	194,300	0.010%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK FINANCIAL MANAGEMENT, INC.	ORD	NZD	542,000	0.029%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	ORD	NZD	61,343,711	3.278%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	CFD	AUD	179,710	0.010%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	CFD	NZD	496,116	0.027%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	ORD	NZD	32,110,675	1.716%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	ORD	NZD	459,846	0.025%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	ORD	AUD	2,046,399	0.109%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	ORD	NZD	17,309,455	0.925%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	CFD	NZD	56,265	0.003%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
BlackRock Investment Management (UK) Limited	ORD	NZD	12,828,179	0.685%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	CFD	NZD	67,269	0.004%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Investment Management, LLC	ORD	NZD	1,973,996	0.105%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	ORD	NZD	2,484,656	0.133%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217

## SPARK NEW ZEALAND LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
19-Mar-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.38	ORD -124,096	-124,096
19-Mar-18	BlackRock Fund Advisors	on mkt buy	3.37	ORD 62,223	62,223
19-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,342	-15,342
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -12,373	-12,373
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -4,558	-4,558
20-Mar-18	BlackRock Fund Advisors	on mkt buy	3.40	ORD 11,636	11,636
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.46	ORD 7,466	7,466
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.43	ORD 4,693	4,693
20-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,382	11,382
20-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD 34,146	34,146
21-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -28,738	-28,738
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.55	ORD 3,733	3,733
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.55	ORD 11,199	11,199
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.55	ORD 7,466	7,466
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.51	ORD 3,733	3,733
21-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -17,497	-17,497
22-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD 26,726	26,726
22-Mar-18	BlackRock Fund Advisors	on mkt sell	3.57	ORD -8,773	-8,773
22-Mar-18	BlackRock Fund Advisors	on mkt sell	3.57	ORD -100,742	-100,742
22-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD -84,093	-84,093
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.53	ORD -329	-329
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.53	ORD -60	-60
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.53	ORD -60	-60
23-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	3.54	ORD -1,622	-1,622
23-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 544	544
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 4,558	4,558
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 12,373	12,373
23-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD -83,880	-83,880
23-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,567	-14,567
26-Mar-18	BlackRock Fund Advisors	on mkt buy	3.49	ORD 6,376	6,376
26-Mar-18	BlackRock Asset Management Canada Limited	on mkt buy	3.43	ORD 464	464
26-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.43	ORD 4,946	4,946
26-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,073	17,073
27-Mar-18	BlackRock Fund Advisors	on mkt buy	3.44	ORD 1,145	1,145
27-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.41	ORD 16,676	16,676
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	3.43	ORD -864	-864
27-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.41	ORD 20,548	20,548
27-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -6,647	-6,647
27-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 6,647	6,647
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD -29,134	-29,134
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD -20,456	-20,456
28-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.38	ORD -385	-385
28-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	3.38	ORD -2,160	-2,160
28-Mar-18	BlackRock Fund Advisors	on mkt sell	3.38	ORD -97,449	-97,449

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
28-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.38	ORD -29,304	-29,304
29-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.36	ORD -16,676	-16,676
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.34	ORD 11,175	11,175
29-Mar-18	BlackRock Asset Management North Asia Limited	on mkt sell	3.34	ORD -37,552	-37,552
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.34	ORD 3,725	3,725
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.34	ORD 4,696	4,696
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	3.34	ORD -864	-864
29-Mar-18	BlackRock Fund Advisors	on mkt buy	3.34	ORD 20,962	20,962
29-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD 8,760	8,760
29-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 124,383	124,383
02-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -158,745	-158,745
02-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -58,485	-58,485
03-Apr-18	BlackRock Fund Advisors	on mkt buy	3.34	ORD 2,137	2,137
03-Apr-18	BlackRock Fund Advisors	on mkt buy	3.34	ORD 90,601	90,601
03-Apr-18	BlackRock Fund Advisors	on mkt buy	3.34	ORD 115,167	115,167
03-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.34	ORD 8,787	8,787
03-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -109,135	-109,135
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.36	ORD 451	451
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.36	ORD 34	34
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.36	ORD 33	33
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.38	ORD -26,985	-26,985
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.38	ORD -864	-864
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.38	ORD 4,696	4,696
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.38	ORD 2,032	2,032
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.38	ORD -2,759	-2,759
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.38	ORD -3,250	-3,250
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -84,201	-84,201
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -100,740	-100,740
05-Apr-18	BlackRock Fund Advisors	on mkt buy	3.31	ORD 8,017	8,017
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.32	ORD 3,726	3,726
05-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.31	ORD 3,628	3,628
05-Apr-18	BlackRock Asset Management Canada Limited	on mkt buy	3.31	ORD 373	373
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.31	ORD 2,330	2,330
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.31	ORD 2,148	2,148
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 13,140	13,140
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,342	-15,342
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -75,555	-75,555
06-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.34	ORD -2,160	-2,160
06-Apr-18	BlackRock Japan Co., Ltd.	on mkt sell	3.34	ORD -10,893	-10,893
06-Apr-18	BlackRock Asset Management Deutschland AG	on mkt buy	3.34	ORD 58,061	58,061
06-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.34	ORD 1,253	1,253
06-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.34	ORD 2,796	2,796
06-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -20,456	-20,456
09-Apr-18	BlackRock Fund Advisors	on mkt buy	3.34	ORD 7,042	7,042
09-Apr-18	BlackRock Investment Management, LLC	on mkt buy	3.34	ORD 3,692	3,692
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.37	ORD 107,120	107,120
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.39	ORD -26,718	-26,718
09-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.39	ORD -13,083	-13,083
09-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 30,163	30,163

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
10-Apr-18	BlackRock Fund Advisors	on mkt buy	3.38	ORD 2,465	2,465
10-Apr-18	BlackRock Fund Advisors	on mkt buy	3.38	ORD 20,788	20,788
10-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.39	ORD 3,262	3,262
10-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.39	ORD 35,508	35,508
10-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.39	ORD 10,762	10,762
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 13,130	13,130
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 34,601	34,601
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 18,614	18,614
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 25,580	25,580
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -25,570	-25,570
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -50,370	-50,370
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,342	-15,342
11-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.40	ORD 357	357
11-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.40	ORD 80	80
11-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.40	ORD 73	73
11-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.39	ORD 4,298	4,298
11-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.39	ORD 6,447	6,447
11-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.39	ORD 9,482	9,482
11-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.39	ORD -1,626	-1,626
12-Apr-18	BlackRock Fund Advisors	on mkt buy	3.40	ORD 66,401	66,401
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.40	ORD 1,644	1,644
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.40	ORD 642	642
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.40	ORD 1,233	1,233
12-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.40	ORD 1,089	1,089
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -20,456	-20,456
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 254,457	254,457
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -126,270	-126,270
13-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.40	ORD 11,528	11,528
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.40	ORD 85,244	85,244
13-Apr-18	BlackRock Asset Management Canada Limited	on mkt buy	3.40	ORD 320	320
13-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.40	ORD 4,968	4,968
13-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.40	ORD 1,816	1,816
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.41	ORD 2,362	2,362
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.41	ORD 1,096	1,096
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.41	ORD 107,124	107,124
13-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.41	ORD 33,015	33,015
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.46	ORD 3,728	3,728
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.46	ORD 1,644	1,644
16-Apr-18	BlackRock Fund Advisors	on mkt buy	3.46	ORD 73,966	73,966
16-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.46	ORD -6,230	-6,230
16-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.46	ORD 376,020	376,020
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.46	ORD 214,248	214,248
16-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 84,819	84,819
16-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -5,897	-5,897
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.43	ORD -3,262	-3,262
17-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.43	ORD -146,210	-146,210

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.43	ORD 7,458	7,458
17-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.43	ORD 55,764	55,764
17-Apr-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -8,647	-8,647
18-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.44	ORD -3,812	-3,812
18-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.44	ORD 308	308
18-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.44	ORD 56	56
18-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.44	ORD 59	59
19-Apr-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.40	ORD -62,184	-62,184
19-Apr-18	BlackRock Fund Advisors	on mkt buy	3.44	ORD 9,576	9,576
19-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.40	ORD 29,824	29,824
19-Apr-18	BlackRock Asset Management Canada Limited	on mkt buy	3.40	ORD 316	316
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.40	ORD 2,010	2,010
19-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -254,919	-254,919
20-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.35	ORD -4,661	-4,661
20-Apr-18	BlackRock Asset Management Canada Limited	on mkt buy	3.35	ORD 1,413	1,413
20-Apr-18	BlackRock Fund Advisors	on mkt sell	3.35	ORD -50,576	-50,576
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -10,228	-10,228
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.35	ORD 11,184	11,184
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.35	ORD -4,875	-4,875
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.37	ORD 3,728	3,728
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,175	11,175
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 26,180	26,180
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 49,742	49,742
23-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -69,039	-69,039
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -84,116	-84,116
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.37	ORD 19,313	19,313
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.37	ORD 53,559	53,559
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD 3,730	3,730
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.35	ORD 3,730	3,730
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.35	ORD 1,644	1,644
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.35	ORD -2,178	-2,178
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,383	1,383
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,149	4,149
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 52,360	52,360
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,446	2,446
26-Apr-18	BlackRock Asset Management North Asia Limited	on mkt sell	3.34	ORD -73,924	-73,924
26-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.33	ORD 30,000	30,000
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.35	ORD 1,252	1,252
26-Apr-18	BlackRock Fund Advisors	on mkt buy	3.35	ORD 67,007	67,007
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.35	ORD 2,590	2,590
26-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.33	ORD 230,268	230,268
26-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.35	ORD 550,000	550,000
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,682	2,682
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 34,518	34,518
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -252,348	-252,348
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 118,174	118,174



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
27-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.41 ORD 10,283	10,283
27-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.43 ORD 105,666	105,666
27-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.42 ORD 96,752	96,752
27-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.43 ORD -1,912	-1,912
27-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.43 ORD 4,083	4,083
27-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.42 ORD 1,150,000	1,150,000
27-Apr-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.42 ORD 600,000	600,000
27-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD 22,308	22,308
27-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD 3,731	3,731
30-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 51,582	51,582
30-Apr-18	BlackRock Fund Advisors	on mkt buy	3.43 ORD 1,598	1,598
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	3.46 ORD -12,252	-12,252
30-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD -4,149	-4,149
30-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD 252,348	252,348
01-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.45 ORD 4,530	4,530
01-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.45 ORD -2,495	-2,495
01-May-18	BlackRock Fund Advisors	in specie	n/a ORD 2,446	2,446
02-May-18	BlackRock Fund Advisors	on mkt buy	3.47 ORD 1,240	1,240
02-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.52 ORD 125,539	125,539
02-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.51 ORD 1,665	1,665
02-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.51 ORD 344	344
02-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.51 ORD 337	337
02-May-18	BlackRock Japan Co., Ltd.	on mkt sell	3.53 ORD -4,833	-4,833
02-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.53 ORD 2,076	2,076
02-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.53 ORD 15,072	15,072
02-May-18	BlackRock Fund Advisors	in specie	n/a ORD 3,129	3,129
02-May-18	BlackRock Fund Advisors	in specie	n/a ORD 16,740	16,740
02-May-18	BlackRock Fund Advisors	in specie	n/a ORD 118,174	118,174
02-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -22,211	-22,211
02-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -278,193	-278,193
03-May-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.58 ORD -31,245	-31,245
03-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.58 ORD 2,532	2,532
03-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.58 ORD 4,081	4,081
03-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.58 ORD -7,756	-7,756
03-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.58 ORD 43,215	43,215
03-May-18	BlackRock Fund Advisors	in specie	n/a ORD 11,160	11,160
07-May-18	BlackRock Fund Advisors	on mkt buy	3.53 ORD 69,542	69,542
07-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.52 ORD 4,020	4,020
08-May-18	BlackRock Fund Advisors	on mkt buy	3.52 ORD 95,700	95,700
08-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.52 ORD -12,544	-12,544
08-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -225,233	-225,233
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.50 ORD 64,689	64,689
09-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.50 ORD -3,771	-3,771

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
09-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD 699	699
09-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD 129	129
09-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD 128	128
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 20,410	20,410
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 1,268	1,268
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 1,968	1,968
09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.49	ORD -4,562	-4,562
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 4,082	4,082
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 2,072	2,072
09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.49	ORD -31,512	-31,512
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 900	900
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 1,968	1,968
09-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -42,795	-42,795
10-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.55	ORD 12,261	12,261
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.55	ORD -15,624	-15,624
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 8,180	8,180
11-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.55	ORD -5,677	-5,677
11-May-18	BLACKROCK ADVISORS LLC	on mkt sell	3.55	ORD -13,965	-13,965
11-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.55	ORD -1,800	-1,800
11-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.55	ORD -1,908	-1,908
11-May-18	BlackRock International Limited	on mkt sell	3.55	ORD -3,356	-3,356
11-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.55	ORD -13,554	-13,554
11-May-18	BlackRock Investment Management, LLC	on mkt sell	3.55	ORD -2,935	-2,935
11-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.54	ORD -167,076	-167,076
11-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.54	ORD -2,542	-2,542
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 2,470	2,470
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 16,360	16,360
11-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 14,377	14,377
14-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.54	ORD -2,315	-2,315
14-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 12,285	12,285
14-May-18	BlackRock Investment Management, LLC	on mkt buy	3.54	ORD 45,303	45,303
14-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.54	ORD 44,709	44,709
14-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,535	6,535
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.54	ORD -1,182	-1,182
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	3.54	ORD -4,097	-4,097
15-May-18	BlackRock Japan Co., Ltd.	on mkt sell	3.54	ORD -4,938	-4,938
15-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.54	ORD -29,646	-29,646
15-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.54	ORD -9,947	-9,947
15-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.54	ORD -26,411	-26,411
15-May-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 42,795	42,795
15-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 61,076	61,076
16-May-18	BlackRock Asset Management Canada Limited	in specie	n/a	ORD 6,632	6,632
16-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD 1,103	1,103
16-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD 281	281
16-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD 285	285
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD 3,472	3,472

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
16-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD -2,321	-2,321
16-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD -4,642	-4,642
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD 496	496
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD 1,272	1,272
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.54	ORD -2,178	-2,178
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.51	ORD -416	-416
17-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.51	ORD -44,989	-44,989
17-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.51	ORD -14,164	-14,164
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.51	ORD -40,661	-40,661
17-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.51	ORD -19,147	-19,147
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.49	ORD -2,333	-2,333
17-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 53,814	53,814
17-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 3,952	3,952
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.49	ORD -4,666	-4,666
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.49	ORD -4,666	-4,666
17-May-18	BlackRock Fund Advisors	in specie	n/a	ORD -44,640	-44,640
17-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,433	17,433
18-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.52	ORD -696	-696
18-May-18	BLACKROCK ADVISORS LLC	on mkt sell	3.52	ORD -3,803	-3,803
18-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.52	ORD -4,731	-4,731
18-May-18	BlackRock Investment Management, LLC	on mkt sell	3.52	ORD -15,981	-15,981
18-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.52	ORD -11,917	-11,917
18-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.54	ORD -4,638	-4,638
18-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 1,482	1,482
18-May-18	BlackRock Fund Advisors	on mkt buy	3.54	ORD 45,443	45,443
18-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,456	10,456
18-May-18	BlackRock Fund Advisors	in specie	n/a	ORD -55,800	-55,800
21-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.48	ORD -2,564	-2,564
21-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.48	ORD -107,638	-107,638
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 12,954	12,954
21-May-18	BlackRock Fund Advisors	in specie	n/a	ORD -22,320	-22,320
21-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -18,316	-18,316
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -2,511	-2,511
22-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.48	ORD -1,145	-1,145
22-May-18	BlackRock Japan Co., Ltd.	on mkt sell	3.48	ORD -5,239	-5,239
22-May-18	BlackRock Japan Co., Ltd.	on mkt sell	3.48	ORD -5,878	-5,878
22-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.48	ORD -30,649	-30,649
22-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.48	ORD -10,433	-10,433
22-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.48	ORD -27,294	-27,294
22-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD 268,136	268,136
22-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD 16,900	16,900
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 9,078	9,078
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 3,561	3,561
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 1,554	1,554
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 6,996	6,996
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 2,072	2,072
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.49	ORD 3,108	3,108

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
22-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	-83,700	-83,700
22-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	34,866	34,866
22-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	-101,688	-101,688
23-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.44	ORD	-193,919	-193,919
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.44	ORD	1,842	1,842
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.44	ORD	2,475	2,475
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.44	ORD	4,455	4,455
24-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.47	ORD	1,842	1,842
24-May-18	BlackRock Asset Management Canada Limited	in specie	n/a	ORD	65,634	65,634
24-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	29,055	29,055
25-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.54	ORD	397	397
25-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.54	ORD	76	76
25-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.54	ORD	70	70
25-May-18	BlackRock Fund Advisors	on mkt buy	3.55	ORD	106,024	106,024
25-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.55	ORD	12,291	12,291
25-May-18	BlackRock Japan Co., Ltd.	on mkt sell	3.55	ORD	-50,857	-50,857
25-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.55	ORD	-13,807	-13,807
29-May-18	BlackRock Fund Advisors	on mkt buy	3.64	ORD	3,789	3,789
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.70	ORD	67,622	67,622
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD	3,640	3,640
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD	4,105	4,105
30-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD	-2,990	-2,990
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.70	ORD	12,060	12,060
30-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,622	11,622
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	366,573	366,573
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	195,922	195,922
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD	24,073	24,073
31-May-18	BlackRock Japan Co., Ltd.	on mkt buy	3.67	ORD	24,295	24,295
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.67	ORD	1,236	1,236
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.67	ORD	5,579	5,579
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	18,942	18,942
31-May-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD	826,675	826,675
31-May-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD	99,442	99,442
31-May-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD	29,817	29,817
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD	7,746	7,746
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD	11,442	11,442
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD	6,790	6,790
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD	47,974	47,974
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	100,130	100,130
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	193,786	193,786
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.67	ORD	3,087	3,087
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	6,718	6,718
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD	8,515	8,515
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.67	ORD	1,202	1,202

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31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.67	ORD 952	952
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 2,425	2,425
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 292,838	292,838
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 156,513	156,513
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 19,230	19,230
31-May-18	BlackRock Japan Co., Ltd.	on mkt buy	3.66	ORD 19,408	19,408
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.66	ORD 987	987
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.66	ORD 4,458	4,458
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.66	ORD 960	960
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.66	ORD 760	760
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 15,133	15,133
31-May-18	BlackRock Fund Advisors	on mkt buy	3.66	ORD 660,395	660,395
31-May-18	BlackRock Fund Advisors	on mkt buy	3.66	ORD 79,439	79,439
31-May-18	BlackRock Fund Advisors	on mkt buy	3.66	ORD 23,820	23,820
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 6,189	6,189
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.66	ORD -4,567	-4,567
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 9,140	9,140
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 5,424	5,424
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 38,325	38,325
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 79,989	79,989
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.66	ORD -136,831	-136,831
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 154,807	154,807
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	3.66	ORD 2,466	2,466
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.66	ORD -82,628	-82,628
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 5,368	5,368
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD 6,803	6,803
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.66	ORD -12,523	-12,523
31-May-18	BlackRock Fund Advisors	in specie	n/a	ORD -103,464	-103,464
01-Jun-18	BlackRock Fund Advisors	on mkt buy	3.65	ORD 16,974	16,974
01-Jun-18	BlackRock Asset Management North Asia Limited	on mkt sell	3.64	ORD -6,113	-6,113
01-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.65	ORD -107,582	-107,582
01-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65	ORD 77,314	77,314
01-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.65	ORD -2,195	-2,195
01-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -44,568	-44,568
01-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -16,740	-16,740
05-Jun-18	BlackRock Fund Advisors	on mkt buy	3.68	ORD 31,160	31,160
05-Jun-18	BlackRock Fund Advisors	on mkt buy	3.66	ORD 99,666	99,666
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 10,716	10,716
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.66	ORD -2,178	-2,178
05-Jun-18	BlackRock Fund Advisors	on mkt buy	3.69	ORD 111,131	111,131
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 84,116	84,116
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -27,900	-27,900
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -86,220	-86,220
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -25,866	-25,866
06-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 31,310	31,310

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
06-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 6,342	6,342
06-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 6,302	6,302
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.65	ORD 16,372	16,372
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 20,465	20,465
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.65	ORD -21,526	-21,526
06-Jun-18	BlackRock Fund Advisors	on mkt buy	3.64	ORD 8,493	8,493
06-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 22,919	22,919
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,598	2,598
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -5,580	-5,580
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -77,598	-77,598
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -77,598	-77,598
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -16,740	-16,740
07-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.67	ORD -20,869	-20,869
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 12,300	12,300
07-Jun-18	BlackRock Fund Advisors	on mkt buy	3.68	ORD 18,143	18,143
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 16,400	16,400
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 2,088	2,088
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 5,371	5,371
07-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.67	ORD 2,010	2,010
07-Jun-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD 50,415	50,415
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,031	3,031
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -29,712	-29,712
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 4,109	4,109
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 8,218	8,218
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.70	ORD -2,286	-2,286
08-Jun-18	BlackRock Fund Advisors	on mkt buy	3.69	ORD 119,925	119,925
08-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -10,228	-10,228
08-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,740	16,740
11-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.70	ORD 11,754	11,754
11-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.70	ORD 52,914	52,914
11-Jun-18	BlackRock Fund Advisors	on mkt buy	3.70	ORD 25,361	25,361
11-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.70	ORD 11,621	11,621
11-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.72	ORD -11,484	-11,484
11-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.72	ORD 19,600	19,600
11-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.72	ORD 88,235	88,235
11-Jun-18	BlackRock Fund Advisors	on mkt buy	3.72	ORD 42,289	42,289
11-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.72	ORD 19,379	19,379
11-Jun-18	BlackRock Fund Advisors	on mkt buy	3.68	ORD 1,599	1,599
11-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -103,464	-103,464
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 8,198	8,198
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -2,284	-2,284
12-Jun-18	BlackRock Fund Advisors	on mkt buy	3.75	ORD 11,628	11,628
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 4,099	4,099
12-Jun-18	BlackRock Fund Advisors	on mkt buy	3.71	ORD 3,752	3,752
12-Jun-18	BlackRock Fund Advisors	on mkt buy	3.73	ORD 7,974	7,974
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD 50,072	50,072
13-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.80	ORD -37	-37
13-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.80	ORD -31	-31
13-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -107,117	-107,117
14-Jun-18	BlackRock Fund Advisors	on mkt buy	3.82	ORD 4,240	4,240

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.81	ORD 12,468	12,468
14-Jun-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.80	ORD -23,215	-23,215
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.79	ORD 2,056	2,056
15-Jun-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.86	ORD -155,245	-155,245
15-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.86	ORD -49,630	-49,630
15-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.86	ORD -171,055	-171,055
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.86	ORD -133,960	-133,960
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -5,811	-5,811
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -56,254	-56,254
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -29,712	-29,712
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.78	ORD -135,401	-135,401
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.78	ORD -8,908	-8,908
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.78	ORD -77,696	-77,696
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.78	ORD -78,611	-78,611
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.78	ORD -39,060	-39,060
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.78	ORD -319,406	-319,406
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 15,604	15,604
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 19,668	19,668
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -127,635	-127,635
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,637	-14,637
19-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 20,646	20,646
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.73	ORD -281	-281
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.73	ORD -45	-45
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.73	ORD -39	-39
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.71	ORD -253,249	-253,249
20-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -66,456	-66,456
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 4,910	4,910
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.69	ORD -3,876	-3,876
21-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -22,064	-22,064
21-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -2,918	-2,918
22-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.66	ORD -3,110	-3,110
22-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -85,090	-85,090
25-Jun-18	BlackRock Fund Advisors	on mkt buy	3.68	ORD 8,878	8,878
25-Jun-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD 37,628	37,628
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,450	4,450
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -38,619	-38,619
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,472	-15,472
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -20,448	-20,448
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336	-15,336
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336	-15,336
26-Jun-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD 2,014	2,014
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 4,332	4,332
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.69	ORD 15,319	15,319
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 2,595	2,595
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -34,036	-34,036
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -5,517	-5,517
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -10,224	-10,224
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -20,448	-20,448
27-Jun-18	BlackRock Investment Management, LLC	on mkt buy	3.74	ORD 3,640	3,640

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 2,276	2,276
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 453	453
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 450	450
27-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -12,375	-12,375
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 82,934	82,934
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.77	ORD -1,284	-1,284
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.79	ORD 2,010	2,010
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.79	ORD -3,267	-3,267
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -11,034	-11,034
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -59,563	-59,563
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 82,934	82,934
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.76	ORD -185,853	-185,853
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 37,089	37,089
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.73	ORD -3,195	-3,195
29-Jun-18	BlackRock Asset Management Canada Limited	on mkt buy	3.73	ORD 4,029	4,029
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.73	ORD 93,388	93,388
29-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.73	ORD -85,965	-85,965
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,126	5,126
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336	-15,336
02-Jul-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.71	ORD -62,148	-62,148
02-Jul-18	BlackRock Fund Advisors	on mkt buy	3.76	ORD 850	850
02-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD -2,150	-2,150
02-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD -4,300	-4,300
02-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.71	ORD 4,265	4,265
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -59,563	-59,563
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -35,784	-35,784
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -35,784	-35,784
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336	-15,336
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,637	-14,637
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,551	16,551
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.85	ORD -8,258	-8,258
03-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -51,054	-51,054
04-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.84	ORD -41,280	-41,280
04-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD 29,397	29,397
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 149,069	149,069
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.87	ORD -4,886	-4,886
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 82,934	82,934
06-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	3.87	ORD 3,783	3,783
06-Jul-18	BlackRock Fund Advisors	on mkt buy	3.87	ORD 1,292	1,292
06-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.85	ORD -146,810	-146,810
06-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	3.85	ORD -3,173	-3,173
06-Jul-18	BlackRock Fund Advisors	on mkt buy	3.85	ORD 36,540	36,540
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -8,090	-8,090
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 165,868	165,868
09-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.88	ORD -5,377	-5,377
09-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 17,579	17,579
09-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 123,570	123,570



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -2,228	-2,228
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 952	952
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 4,456	4,456
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 60,867	60,867
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.81	ORD 7,113	7,113
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.81	ORD 1,775	1,775
10-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
10-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 95,607	95,607
10-Jul-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -18,648	-18,648
11-Jul-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.77	ORD -31,068	-31,068
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.78	ORD -1,440	-1,440
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.78	ORD -299	-299
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.78	ORD -299	-299
11-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 2,350	2,350
11-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -25,527	-25,527
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 3,402	3,402
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -43,302	-43,302
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
13-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 1,757	1,757
13-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 1,560	1,560
13-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	3.82	ORD 6,993	6,993
13-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	3.82	ORD 24,365	24,365
13-Jul-18	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -77,507	-77,507
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.80	ORD -120,147	-120,147
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD 737	737
16-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD 2,006	2,006
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -4,904	-4,904
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 2,166	2,166
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -4,118	-4,118
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -10,740	-10,740
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 62,837	62,837
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.78	ORD -15,756	-15,756
17-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -25,685	-25,685
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.82	ORD -106,280	-106,280
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 61,642	61,642
19-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.83	CFD -100	-100
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.85	ORD -53,384	-53,384
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.85	ORD -1,600	-1,600
20-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.86	ORD -1,088	-1,088
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD 1,560	1,560
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD 598	598
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -165,868	-165,868
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,517	5,517
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -51,054	-51,054
20-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -18,888	-18,888
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD 1,560	1,560
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD 8,234	8,234
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,637	-14,637

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
23-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -37,870 -37,870
24-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -18,803 -18,803
24-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034 11,034
25-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -18,928 -18,928
25-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD 1,127 1,127
25-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD 219 219
25-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD 221 221
25-Jul-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.83	ORD 50,300 50,300
25-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.85	ORD -5,358 -5,358
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.83	ORD -2,176 -2,176
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,958 3,958
26-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.83	ORD 28,624 28,624
26-Jul-18	BlackRock Asset Management North Asia Limited	on mkt sell	3.82	ORD -11,892 -11,892
26-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -56,232 -56,232
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD 3,654 3,654
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD 53,437 53,437
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD 2,820 2,820
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD 16,476 16,476
30-Jul-18	BlackRock Fund Advisors	on mkt buy	3.84	ORD 2,124 2,124
30-Jul-18	BlackRock Asset Management Deutschland AG	on mkt buy	3.83	ORD 30,134 30,134
30-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	ORD 2,006 2,006
30-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336 -15,336
31-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.86	ORD -75,460 -75,460
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 4,122 4,122
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 53,439 53,439
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 940 940
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.87	ORD -3,810 -3,810
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 8,244 8,244
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.87	ORD 8,500 8,500
31-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD 54,729 54,729
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,206 3,206
31-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -3,737 -3,737
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -20,448 -20,448
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD -157 -157
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.81	ORD 65 65
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.81	ORD 63 63
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.80	ORD 90,750 90,750
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.80	ORD 2,499 2,499
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -132,000 -132,000
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD -8,090 -8,090
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,664 3,664
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336 -15,336
02-Aug-18	BlackRock Asset Management North Asia Limited	on mkt sell	3.76	ORD -9,057 -9,057
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 2,166 2,166
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 10,830 10,830

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.78 ORD -41,160	-41,160
02-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD 20,265	20,265
02-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD 27,020	27,020
02-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -43,911	-43,911
02-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -14,637	-14,637
03-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75 ORD 3,138	3,138
03-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD -15,351	-15,351
06-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD 20,265	20,265
07-Aug-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.77 ORD -31,106	-31,106
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.77 ORD 4,250	4,250
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.77 ORD 114,996	114,996
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.77 ORD 53,488	53,488
07-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -102,108	-102,108
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.76 ORD 409	409
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75 ORD 14,094	14,094
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75 ORD 1,046	1,046
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.75 ORD 2,126	2,126
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.74 ORD 2,006	2,006
08-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -43,435	-43,435
09-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD 4,580	4,580
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 15,351	15,351
09-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -34,036	-34,036
10-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.86 ORD -1,009	-1,009
10-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86 ORD 2,500	2,500
10-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD 9,160	9,160
10-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -165,868	-165,868
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.82 ORD 24,120	24,120
13-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.83 ORD -91,900	-91,900
13-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.84 ORD -2,784	-2,784
13-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -5,476	-5,476
14-Aug-18	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 39,465	39,465
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.85 ORD -8,046	-8,046
14-Aug-18	BLACKROCK ADVISORS LLC	on mkt sell	3.85 ORD -88,739	-88,739
15-Aug-18	BlackRock Investment Management, LLC	on mkt buy	3.86 ORD 6,445	6,445
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89 ORD 523	523
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89 ORD 69	69
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89 ORD 75	75
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89 ORD 180,045	180,045
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92 ORD 6,018	6,018
15-Aug-18	BlackRock Investment Management, LLC	on mkt buy	3.92 ORD 10,963	10,963
16-Aug-18	BlackRock Fund Advisors	on mkt buy	3.91 ORD 823	823
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93 ORD 2,127	2,127
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93 ORD 2,501	2,501
16-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.90 ORD 1,792	1,792
16-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD 11,034	11,034
17-Aug-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.94 ORD -1,986	-1,986
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96 ORD 107,024	107,024
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96 ORD 5,350	5,350
17-Aug-18	BlackRock Investment Management, LLC	on mkt sell	3.96 ORD -17,047	-17,047
17-Aug-18	BlackRock Fund Advisors	in specie	n/a ORD -59,563	-59,563

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
20-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,127	2,127
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD 2,128	2,128
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.96	ORD -84,966	-84,966
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 290	290
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 600	600
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 2,128	2,128
21-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -6,501	-6,501
22-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 171	171
22-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 128	128
22-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 116	116
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.92	ORD -20,285	-20,285
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD 2,503	2,503
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD -53,510	-53,510
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD -4,258	-4,258
23-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 2,128	2,128
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.88	ORD -58,579	-58,579
24-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.86	ORD 2,078	2,078
24-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 2,137	2,137
24-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.84	ORD 2,006	2,006
24-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD 22,988	22,988
27-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD -91,034	-91,034
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -51,491	-51,491
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -30,194	-30,194
28-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,241	17,241
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.97	ORD -471	-471
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.97	ORD -135	-135
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.97	ORD -133	-133
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 2,138	2,138
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 1,592	1,592
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD 14,637	14,637
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD -165,868	-165,868
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD -55,302	-55,302
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	3.97	ORD -26,998	-26,998
31-Aug-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.98	ORD -631	-631
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 6,363	6,363
31-Aug-18	BlackRock Fund Advisors	on mkt sell	3.99	ORD -110,530	-110,530
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.99	ORD -2,672	-2,672
31-Aug-18	BlackRock International Limited	on mkt buy	3.99	ORD 20,626	20,626
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 51,396	51,396
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.00	ORD 2,839	2,839
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.00	ORD 628	628
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.00	ORD 627	627
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 4,105	4,105
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 942	942
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 2,123	2,123
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 41,050	41,050
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 24,630	24,630

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
05-Sep-18	BlackRock Fund Advisors	on mkt buy	4.02	ORD 1,200	1,200
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	3.96	ORD -10,712	-10,712
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD 2,494	2,494
05-Sep-18	BlackRock Investment Management, LLC	on mkt sell	3.96	ORD -18,546	-18,546
05-Sep-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD 39,072	39,072
05-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	3.96	ORD 765	765
05-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.97	ORD -2,784	-2,784
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -4,854	-4,854
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,450	11,450
06-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD 4,246	4,246
06-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.89	ORD -8,662	-8,662
06-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.89	ORD 11,894	11,894
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,068	4,068
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -30,672	-30,672
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -16,170	-16,170
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -9,172	-9,172
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	3.90	ORD -160,509	-160,509
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 938	938
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 2,485	2,485
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD 29,645	29,645
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,580	4,580
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 29,722	29,722
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 22,967	22,967
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 81,029	81,029
10-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 229,242	229,242
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 1,024	1,024
10-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 2,826	2,826
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,496	5,496
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 567,203	567,203
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 12,723	12,723
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 2,496	2,496
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 162,058	162,058
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 324,116	324,116
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 314	314
11-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -23,748	-23,748
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.01	ORD -1,276	-1,276
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.01	ORD -184	-184
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.01	ORD -185	-185
12-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD 2,477	2,477
12-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.02	ORD -29,898	-29,898
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -15,336	-15,336
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
13-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.99	ORD 6,343	6,343
13-Sep-18	BlackRock Asset Management North Asia Limited	on mkt buy	3.99	ORD 2,332	2,332
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.04	ORD -5,343	-5,343
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 2,355	2,355
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 942	942
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 2,133	2,133
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 46,232	46,232
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -30,672	-30,672
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -1,902	-1,902
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 7,464	7,464
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 2,151	2,151
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,302	4,302
14-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.98	ORD -23,932	-23,932
14-Sep-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.98	ORD -28,502	-28,502
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 9,172	9,172
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 16,170	16,170
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,337	17,337
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -25,527	-25,527
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 150,386	150,386
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 220,899	220,899
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 4,982	4,982
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 4,306	4,306
17-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	3.98	ORD 5,326	5,326
18-Sep-18	BlackRock Fund Advisors	on mkt buy	4.04	ORD 2,415	2,415
18-Sep-18	BlackRock Fund Advisors	on mkt buy	4.04	ORD 12,987	12,987
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 7,569	7,569
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 4,882	4,882
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,154	2,154
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,154	2,154
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,523	2,523
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.06	ORD 15,710	15,710
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.06	ORD 13,883	13,883
18-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -7,916	-7,916
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.08	ORD 224	224
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.08	ORD 33	33
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.08	ORD 32	32
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 7,491	7,491
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 4,382	4,382
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -29,326	-29,326
19-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,558	11,558
20-Sep-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD 15,243	15,243
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.95	ORD -31,781	-31,781
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	3.96	ORD -52,989	-52,989
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 7,500	7,500
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,312	4,312
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,884	4,884
20-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.98	ORD -17,716	-17,716
20-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
21-Sep-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.93	ORD -31,090	-31,090
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.93	ORD -20,355	-20,355
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	3.93	ORD -33,944	-33,944
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 6,444	6,444
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.93	ORD -23,125	-23,125

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21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 6,549	6,549
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.93	ORD -176,124	-176,124
21-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -11,544	-11,544
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -66,456	-66,456
24-Sep-18	BlackRock Fund Advisors	on mkt buy	3.95	ORD 1,440	1,440
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD 3,297	3,297
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD 2,502	2,502
24-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -57,444	-57,444
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -11,773	-11,773
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,551	16,551
25-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 11,396	11,396
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -11,229	-11,229
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -2,297	-2,297
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -2,282	-2,282
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 21,180	21,180
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 2,355	2,355
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 4,239	4,239
26-Sep-18	BlackRock Fund Advisors	on mkt sell	4.01	ORD -12,030	-12,030
26-Sep-18	BlackRock Fund Advisors	on mkt sell	4.01	ORD -68,935	-68,935
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.01	ORD -7,287	-7,287
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD 4,236	4,236
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.00	ORD 1,792	1,792
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.00	ORD -2,784	-2,784
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,404	5,404
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,779	5,779
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -5,112	-5,112
26-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -51,443	-51,443
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 2,524	2,524
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.93	ORD -26,410	-26,410
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,122	4,122
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 9,088	9,088
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -9,088	-9,088
28-Sep-18	BlackRock Fund Advisors	on mkt buy	3.98	ORD 9,076	9,076
28-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.99	ORD -827	-827
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 938	938
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05	ORD -3,085	-3,085
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05	ORD -17,001	-17,001
28-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.05	ORD 17,300	17,300
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 49,987	49,987
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 20,265	20,265

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-163,094	-163,094
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-25,560	-25,560
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,034	11,034
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-11,672	-11,672
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-168,937	-168,937
01-Oct-18	BlackRock Fund Advisors	on mkt buy	4.01	ORD	750	750
02-Oct-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD	12,988	12,988
02-Oct-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD	1,035	1,035
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	4,316	4,316
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	1,884	1,884
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	4,417	4,417
02-Oct-18	BlackRock Fund Advisors	on mkt buy	4.02	ORD	26,316	26,316
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	2,158	2,158
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD	12,374	12,374
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD	2,514	2,514
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD	2,499	2,499
03-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD	2,345	2,345
04-Oct-18	BlackRock Asset Management North Asia Limited	on mkt buy	4.01	ORD	15,063	15,063
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	1,413	1,413
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	4.02	ORD	-2,072	-2,072
04-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	18,130	18,130
04-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-11,976	-11,976
05-Oct-18	BlackRock Asset Management North Asia Limited	on mkt buy	4.01	ORD	6,962	6,962
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	22,527	22,527
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	548	548
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	15,120	15,120
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	2,160	2,160
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	2,160	2,160
05-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.00	ORD	87,088	87,088
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.01	ORD	1,536	1,536
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.01	ORD	2,006	2,006
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	35,126	35,126
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	5,000	5,000
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	4,905	4,905
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	745	745
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-81,547	-81,547
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,034	11,034
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	168,937	168,937
09-Oct-18	BlackRock Fund Advisors	on mkt buy	3.94	ORD	1,505	1,505
09-Oct-18	BlackRock Fund Advisors	on mkt buy	3.94	ORD	19,835	19,835
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	11,672	11,672
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	2,501	2,501
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	5,002	5,002
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	2,164	2,164
09-Oct-18	BlackRock Asset Management Deutschland AG	on mkt buy	3.97	ORD	50,181	50,181
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.97	ORD	21,543	21,543
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.97	ORD	4,907	4,907



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97 ORD 1,131	1,131
09-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD 32,518	32,518
10-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93 ORD 261	261
10-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93 ORD 54	54
10-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93 ORD 53	53
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.92 ORD 942	942
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.92 ORD 2,513	2,513
10-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD -245,502	-245,502
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD -4,547	-4,547
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD -12,749	-12,749
11-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.80 ORD -12,479	-12,479
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.83 ORD 2,826	2,826
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.83 ORD 942	942
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.83 ORD 2,165	2,165
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.83 ORD -3,640	-3,640
11-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD 45,800	45,800
11-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD -35,784	-35,784
11-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD -15,336	-15,336
11-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD -50,904	-50,904
12-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.85 ORD -2,413	-2,413
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.86 ORD -5,008	-5,008
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.86 ORD -2,504	-2,504
12-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	3.86 ORD 3,157	3,157
12-Oct-18	BLACKROCK ADVISORS LLC	on mkt sell	3.86 ORD -75,703	-75,703
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.86 ORD -2,165	-2,165
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86 ORD 2,165	2,165
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 5,171	5,171
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -5,171	-5,171
12-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD -14,790	-14,790
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 57,632	57,632
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -57,632	-57,632
12-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD -125,489	-125,489
15-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.90 ORD 52,995	52,995
15-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.88 ORD 1,785	1,785
15-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD 23,116	23,116
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.88 ORD -23,196	-23,196
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89 ORD 4,129	4,129
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.89 ORD -6,175	-6,175
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.89 ORD -4,129	-4,129
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.89 ORD -16,008	-16,008
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89 ORD 1,876	1,876
16-Oct-18	BlackRock Fund Advisors	in specie	n/a ORD 41,220	41,220
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.91 ORD 213	213
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91 ORD -45	-45
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91 ORD -34	-34
18-Oct-18	BlackRock Fund Advisors	on mkt buy	3.90 ORD 1,742	1,742
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.88 ORD 105,982	105,982
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.88 ORD 2,512	2,512

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 52,991	52,991
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 1,884	1,884
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 4,547	4,547
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 12,749	12,749
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 75,127	75,127
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -11,153	-11,153
19-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 1,379,697	1,379,697
19-Oct-18	BlackRock Fund Advisors	on mkt buy	3.86	ORD 13,261	13,261
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 503	503
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD 14,973	14,973
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD 21,995	21,995
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD 5,546	5,546
22-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.88	ORD -1,390	-1,390
22-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,551	16,551
23-Oct-18	BlackRock Fund Advisors	on mkt buy	3.87	ORD 11,623	11,623
23-Oct-18	BlackRock Fund Advisors	on mkt buy	3.87	ORD 292	292
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.86	ORD 2,510	2,510
23-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.86	ORD -371,721	-371,721
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 2,503	2,503
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 2,503	2,503
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 8,274	8,274
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 4,466	4,466
23-Oct-18	BlackRock Fund Advisors	on mkt buy	3.86	ORD 47,576	47,576
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.86	ORD 11,105	11,105
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.86	ORD 2,225	2,225
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.86	ORD 11,775	11,775
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.86	ORD -2,790	-2,790
23-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 15,968	15,968
24-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.87	ORD -300,000	-300,000
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.86	ORD 748	748
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.86	ORD 217	217
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.86	ORD 203	203
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 2,826	2,826
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.86	ORD -4,348	-4,348
24-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.86	ORD -234,312	-234,312
24-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
24-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,790	-14,790
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD 2,173	2,173
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD 8,292	8,292
25-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD 168,230	168,230
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 7,984	7,984
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 15,968	15,968
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 80,333	80,333

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 87,255 87,255
26-Oct-18	BLACKROCK ADVISORS LLC	in specie	n/a	ORD 24,403 24,403
26-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.83	ORD -8,043 -8,043
26-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.82	ORD -1,554 -1,554
26-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD 8,696 8,696
26-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD 5,143 5,143
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.82	ORD 30,328 30,328
26-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -93,324 -93,324
29-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.85	ORD -8,404 -8,404
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD 52,996 52,996
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 5,181 5,181
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD 4,352 4,352
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.87	ORD -3,633 -3,633
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,076 10,076
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 2,490 2,490
30-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD 4,352 4,352
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,342 1,342
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -82,211 -82,211
31-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.96	ORD -8,501 -8,501
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.96	ORD -1,278 -1,278
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.96	ORD -282 -282
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.96	ORD -284 -284
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	ORD 181,024 181,024
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	ORD 201,337 201,337
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD 1,413 1,413
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD -2,504 -2,504
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD -5,140 -5,140
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD -17,201 -17,201
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,824 12,824
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -33,775 -33,775
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,176 5,176
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -59,388 -59,388
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,355 2,355
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,656 2,656
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 52,990 52,990
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	3.99	ORD -52,990 -52,990
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,168 2,168
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.00	ORD -30,855 -30,855
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,790 -14,790
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -164,422 -164,422
01-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -53,851 -53,851
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD 4,140 4,140
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	3.89	ORD -42,480 -42,480
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD 6,510 6,510
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	3.89	ORD -1,545 -1,545
02-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 2,295 2,295
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,451 17,451
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -67,872 -67,872
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 23,268 23,268
05-Nov-18	BlackRock Fund Advisors	on mkt sell	3.93	ORD -615 -615

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05-Nov-18	BlackRock Fund Advisors	on mkt sell	3.93	ORD -4,160	-4,160
05-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -3,666	-3,666
05-Nov-18	BlackRock Investment Management, LLC	on mkt buy	3.98	ORD 35,069	35,069
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 19,416	19,416
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,268	1,268
06-Nov-18	BlackRock Fund Advisors	on mkt buy	4.00	ORD 1,200	1,200
06-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.05	ORD -8,891	-8,891
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.07	ORD 255,752	255,752
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.07	ORD -73,542	-73,542
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 2,163	2,163
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 3,297	3,297
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 7,539	7,539
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 4,326	4,326
06-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.05	ORD -7,876	-7,876
07-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -821	-821
07-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -137	-137
07-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -141	-141
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 4,164	4,164
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 1,908	1,908
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 9,808	9,808
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -1,235	-1,235
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 1,908	1,908
07-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	4.07	ORD -762,997	-762,997
07-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -6,701	-6,701
07-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,634	11,634
08-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.04	ORD -8,891	-8,891
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.05	ORD 5,473	5,473
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 8,728	8,728
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 568	568
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.04	ORD -12,519	-12,519
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.04	ORD -52,988	-52,988
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 22,545	22,545
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 4,904	4,904
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 13,092	13,092
08-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	4.04	ORD 28,339	28,339
08-Nov-18	BlackRock Fund Advisors	on mkt buy	4.04	ORD 52,234	52,234
08-Nov-18	BlackRock Fund Advisors	on mkt buy	4.04	ORD 276	276
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.04	ORD 1,301	1,301
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 7,984	7,984
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,180	16,180
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -82,145	-82,145
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 25,100	25,100
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 2,187	2,187
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 8,748	8,748
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 962	962
09-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.08	ORD 42,720	42,720
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 9,708	9,708
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 9,140	9,140
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,570	4,570
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,460	2,460
09-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -22,610	-22,610

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 61,200 61,200
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 68,049 68,049
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -12,657 -12,657
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 20,120 20,120
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 4,906 4,906
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 13,134 13,134
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 23,432 23,432
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,790 -14,790
13-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10	ORD 9,939 9,939
13-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.11	ORD -9,064 -9,064
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 14,994 14,994
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 4,907 4,907
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 6,576 6,576
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 285 285
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 127,839 127,839
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 3,381 3,381
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 2,499 2,499
13-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 7,984 7,984
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -346 -346
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -88 -88
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -88 -88
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 2,502 2,502
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -12,675 -12,675
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 27,522 27,522
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 4,909 4,909
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 2,184 2,184
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 15,288 15,288
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 4,710 4,710
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 37,521 37,521
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.09	ORD -1,390 -1,390
14-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 25,888 25,888
14-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 6,701 6,701
14-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,574 17,574
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.13	ORD 95,860 95,860
15-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.16	ORD -9,470 -9,470
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 2,525 2,525
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 2,187 2,187
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.18	ORD -2,344 -2,344
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 5,050 5,050
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 5,050 5,050
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 4,892 4,892
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 39,972 39,972
15-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	4.18	ORD 15,339 15,339
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.18	ORD 1,840 1,840
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.15	ORD 2,295 2,295
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,976 11,976
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 19,416 19,416
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 3,723 3,723
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 251 251
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,882 11,882
16-Nov-18	BLACKROCK ADVISORS LLC	in specie	n/a	ORD 28,231 28,231

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
19-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -12,959 -12,959
19-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.13	ORD -181,368 -181,368
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 2,517 2,517
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.13	ORD -8,476 -8,476
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 4,430 4,430
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,570 4,570
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,100 12,100
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.18	ORD -8,379 -8,379
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 4,908 4,908
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 2,216 2,216
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 725 725
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,050 6,050
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -212,100 -212,100
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,902 1,902
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 29,290 29,290
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.16	ORD -599 -599
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.16	ORD -128 -128
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.16	ORD -126 -126
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 4,432 4,432
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.15	ORD 8,609 8,609
21-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,019 5,019
21-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -47,511 -47,511
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -36,373 -36,373
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -20,902 -20,902
22-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.12	ORD -1,440 -1,440
23-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 22,652 22,652
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -4,662 -4,662
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -4,710 -4,710
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 284 284
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -2,072 -2,072
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.09	ORD 111,166 111,166
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034 11,034
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 23,432 23,432
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 40,896 40,896
27-Nov-18	BlackRock Fund Advisors	on mkt sell	4.08	ORD -63,851 -63,851
27-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.12	ORD -5,887 -5,887
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD 8,868 8,868
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.12	ORD -4,237 -4,237
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -39,188 -39,188
27-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	4.12	ORD 1,178 1,178
27-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD 2,550 2,550
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,656 3,656
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 29,290 29,290
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 23,432 23,432
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -82,145 -82,145
27-Nov-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -39,465 -39,465
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -46 -46

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -43	-43
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD 2,192	2,192
28-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	4.12	ORD 9,379	9,379
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD 2,925	2,925
28-Nov-18	BlackRock Fund Advisors	on mkt buy	4.12	ORD 68,904	68,904
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 8,683	8,683
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,034	11,034
29-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.15	ORD -1,969	-1,969
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -4,976	-4,976
29-Nov-18	BLACKROCK ADVISORS LLC	on mkt sell	4.17	ORD -153,437	-153,437
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 19,416	19,416
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	4.23	ORD 2,669	2,669
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.23	ORD 55,086	55,086
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 6,082	6,082
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 8,163	8,163
30-Nov-18	BlackRock Fund Advisors	on mkt buy	4.23	ORD 56,203	56,203
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 33,886	33,886
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 105,858	105,858
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 6,110	6,110
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 93,006	93,006
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 61,076	61,076
30-Nov-18	BlackRock Fund Advisors	on mkt buy	4.23	ORD 52,434	52,434
30-Nov-18	BlackRock Fund Advisors	on mkt buy	4.23	ORD 791,908	791,908
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 10,408	10,408
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 15,676	15,676
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 65,788	65,788
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 78,077	78,077
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.23	ORD 123,083	123,083
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	4.23	ORD 2,268	2,268
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 1,662	1,662
30-Nov-18	BlackRock Asset Management North Asia Limited	on mkt buy	4.24	ORD 3,021	3,021
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -1,868	-1,868
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -1,658	-1,658
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.23	ORD -3,378	-3,378
30-Nov-18	BlackRock Fund Advisors	on mkt sell	4.23	ORD -18,612	-18,612
30-Nov-18	BlackRock Fund Advisors	on mkt sell	4.23	ORD -52,309	-52,309
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -5,412	-5,412
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -2,566	-2,566
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	4.23	ORD -41,137	-41,137
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	4.23	ORD -3,604	-3,604
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.23	ORD -8,584	-8,584
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 21,376	21,376
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 66,780	66,780

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30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 3,855	3,855
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -23,694	-23,694
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 58,671	58,671
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -281,723	-281,723
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -48,940	-48,940
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 38,529	38,529
30-Nov-18	BlackRock Fund Advisors	on mkt buy	4.23	ORD 499,566	499,566
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 41,501	41,501
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 1,049	1,049
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.23	ORD 184,291	184,291
03-Dec-18	BlackRock Investment Management, LLC	on mkt buy	4.27	ORD 6,135	6,135
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.27	ORD -2,510	-2,510
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.27	ORD -29,486	-29,486
03-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	4.28	ORD 90,756	90,756
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.28	ORD 8,500	8,500
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.27	ORD 26,639	26,639
03-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,026	4,026
04-Dec-18	BlackRock Fund Advisors	on mkt buy	4.20	ORD 11,826	11,826
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.19	ORD 8,699	8,699
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.21	ORD 604	604
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.21	ORD 5,146	5,146
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.21	ORD 12,596	12,596
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.21	ORD -1,868	-1,868
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.21	ORD 969	969
04-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	4.21	ORD 3,896	3,896
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.21	ORD 5,080	5,080
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,798	17,798
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,676	10,676
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 117,160	117,160
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,574	17,574
05-Dec-18	BlackRock Fund Advisors	on mkt buy	4.15	ORD 11,456	11,456
05-Dec-18	BlackRock Fund Advisors	on mkt buy	4.21	ORD 65,436	65,436
05-Dec-18	BlackRock Fund Advisors	on mkt buy	4.21	ORD 66,544	66,544
05-Dec-18	BlackRock Fund Advisors	on mkt buy	4.21	ORD 5,632	5,632
06-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 1,672,665	1,672,665
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.19	ORD -16,784	-16,784
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 17,427	17,427
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 4,832	4,832
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 836	836
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 5,108	5,108
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 7,471	7,471
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,476	16,476
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 24,270	24,270
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 20,600	20,600
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,880	5,880
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,676	10,676
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 83,067	83,067
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 29,097	29,097
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.22	ORD 1,668	1,668



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.22	ORD 365	365
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.22	ORD 359	359
07-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.22	ORD -2,359	-2,359
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 9,639	9,639
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 7,665	7,665
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD -1,889	-1,889
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD -285	-285
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD -2,555	-2,555
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 32,952	32,952
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 24,270	24,270
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,165	16,165
10-Dec-18	BlackRock Asset Management North Asia Limited	on mkt sell	4.27	ORD -35,918	-35,918
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.27	ORD -12,558	-12,558
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 2,148	2,148
10-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	4.27	ORD -15,749	-15,749
10-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.26	ORD 1,275	1,275
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 25,750	25,750
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,054	5,054
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,019	5,019
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,014	16,014
11-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.27	ORD -6,252	-6,252
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.28	ORD 5,112	5,112
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -1,890	-1,890
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -5,112	-5,112
11-Dec-18	BlackRock Fund Advisors	on mkt buy	4.28	ORD 84,768	84,768
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.27	ORD 2,550	2,550
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	4.27	ORD -3,938	-3,938
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 19,416	19,416
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 41,006	41,006
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,014	16,014
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,574	17,574
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.32	ORD -771	-771
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.32	ORD -152	-152
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.32	ORD -155	-155
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 1,413	1,413
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -2,032	-2,032
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -127,740	-127,740
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 21,034	21,034
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 14,562	14,562
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,760	5,760
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,610	3,610
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,932	12,932
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,166	2,166
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 24,270	24,270
13-Dec-18	BlackRock Fund Advisors	on mkt buy	4.32	ORD 2,010	2,010
13-Dec-18	BlackRock Fund Advisors	on mkt buy	4.32	ORD 6,636	6,636
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 23,432	23,432
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 34,607	34,607
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -34,607	-34,607

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 604	604
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.25	ORD -946	-946
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.25	ORD -16,672	-16,672
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 52,959	52,959
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.25	ORD -10,572	-10,572
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 29,864	29,864
14-Dec-18	BlackRock Asset Management Deutschland AG	on mkt sell	4.25	ORD -63,579	-63,579
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.25	ORD -8,435	-8,435
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 48,540	48,540
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 29,290	29,290
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,676	10,676
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 52,722	52,722
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 52,961	52,961
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD -1,236	-1,236
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 5,192	5,192
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 14,562	14,562
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,038	10,038
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 146,450	146,450
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 46,864	46,864
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -29,225	-29,225
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -3,395	-3,395
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -2,910	-2,910
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -508	-508
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 605	605
18-Dec-18	BlackRock Fund Advisors	on mkt sell	4.17	ORD -8,430	-8,430
18-Dec-18	BlackRock Fund Advisors	on mkt sell	4.17	ORD -81,425	-81,425
18-Dec-18	BlackRock Fund Advisors	on mkt sell	4.17	ORD -55,944	-55,944
18-Dec-18	BlackRock Fund Advisors	on mkt sell	4.17	ORD -91,565	-91,565
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.17	ORD -2,270	-2,270
19-Dec-18	BlackRock Asset Management Deutschland AG	on mkt sell	4.17	ORD -30,992	-30,992
19-Dec-18	BlackRock Fund Advisors	on mkt buy	4.17	ORD 690	690
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.21	ORD 34,297	34,297
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18	ORD -480	-480
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18	ORD -139	-139
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18	ORD -135	-135
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -5,748	-5,748
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -568	-568
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 7,791	7,791
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -1,016	-1,016
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -8,374	-8,374
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -3,353	-3,353
19-Dec-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 218,282	218,282
19-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 15,807	15,807
20-Dec-18	BlackRock Fund Advisors	on mkt buy	4.13	ORD 715	715
20-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.26	ORD 6,262	6,262
20-Dec-18	BlackRock Asset Management North Asia Limited	on mkt buy	4.26	ORD 90,657	90,657
20-Dec-18	BlackRock Asset Management North Asia Limited	on mkt buy	4.26	ORD 558	558
20-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 24,508	24,508
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -1,497	-1,497
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -10,316	-10,316
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.24	ORD 52,967	52,967

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.28	ORD 1,847	1,847
20-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.28	ORD 1,136	1,136
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -998	-998
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -12,726	-12,726
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 20,595	20,595
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 20,412	20,412
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 57,950	57,950
21-Dec-18	BlackRock Fund Advisors	on mkt buy	4.23	ORD 5,151	5,151
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -2,370	-2,370
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -10,308	-10,308
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -2,044	-2,044
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -16,992	-16,992
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 251	251
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.16	ORD 8,974	8,974
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.16	ORD 462	462
21-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.16	ORD 25,699	25,699
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	4.16	ORD 214,728	214,728
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	4.16	ORD -293,307	-293,307
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.16	ORD 11,045	11,045
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.17	ORD 3,558	3,558
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 19,416	19,416
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 26,960	26,960
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,515	5,515
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -143,225	-143,225
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -41,626	-41,626
24-Dec-18	BlackRock Fund Advisors	on mkt buy	4.20	ORD 2,430	2,430
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 20,595	20,595
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 61,785	61,785
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 48,540	48,540
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,538	10,538
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 21,076	21,076
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -19,212	-19,212
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 75,335	75,335
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 40,565	40,565
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 20,412	20,412
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.22	ORD 12,969	12,969
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.22	ORD 80,606	80,606
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.20	ORD -136,889	-136,889
27-Dec-18	BlackRock Investment Management, LLC	on mkt buy	4.20	ORD 15,734	15,734
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 35,721	35,721
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -51,232	-51,232
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -81,836	-81,836
28-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.17	ORD 215,501	215,501
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 1,949	1,949
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -1,907	-1,907
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -1,216	-1,216
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 15,510	15,510
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -1,536	-1,536
28-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 46,360	46,360
31-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -10,449	-10,449

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
31-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	4.15 ORD -3,332	-3,332
31-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 6,448	6,448
02-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 20,595	20,595
02-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -67,400	-67,400
02-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 15,807	15,807
02-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 28,975	28,975
03-Jan-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.14 ORD 61,982	61,982
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -28,744	-28,744
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 81,130	81,130
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.16 ORD -17,846	-17,846
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 2,598	2,598
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 833	833
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 52,971	52,971
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.14 ORD 9,171	9,171
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.14 ORD 1,590	1,590
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.17 ORD -4,059	-4,059
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 52,155	52,155
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 15,807	15,807
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -245,508	-245,508
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 2,418	2,418
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -42,125	-42,125
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14 ORD -412	-412
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14 ORD -133	-133
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14 ORD -132	-132
04-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	4.14 ORD 2,317	2,317
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.14 ORD 438,327	438,327
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.15 ORD 5,198	5,198
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.15 ORD 707	707
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.15 ORD -5,269	-5,269
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.15 ORD -2,440	-2,440
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.15 ORD 833	833
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 14,562	14,562
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 20,070	20,070
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 8,472	8,472
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -44,828	-44,828
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 2,418	2,418
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 20,595	20,595
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 10,038	10,038
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -16,984	-16,984
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -7,785	-7,785
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 2,560	2,560
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -21,230	-21,230
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 5,200	5,200
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.13 ORD -6,664	-6,664
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.13 ORD -15,606	-15,606
08-Jan-19	BlackRock Asset Management Canada Limited	on mkt sell	4.13 ORD -87,178	-87,178
08-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 6,244	6,244
08-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 17,446	17,446
09-Jan-19	BlackRock Fund Advisors	on mkt buy	4.15 ORD 1,682	1,682
09-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.15 ORD -17,236	-17,236
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15 ORD 828	828

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD 118	118
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD 114	114
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 3,832	3,832
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 5,096	5,096
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 5,112	5,112
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD -839	-839
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD 17,259	17,259
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,742	2,742
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,742	2,742
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,484	5,484
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 154,923	154,923
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -28,744	-28,744
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -28,744	-28,744
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 3,838	3,838
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 1,275	1,275
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 2,550	2,550
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 8,624	8,624
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 954	954
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -1,601	-1,601
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,692	6,692
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,855	6,855
11-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 154,257	154,257
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 4,313	4,313
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 3,649	3,649
11-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.17	ORD 5,417	5,417
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -20,412	-20,412
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,010	16,010
11-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -8,923	-8,923
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -2,802	-2,802
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 9,262	9,262
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -10,428	-10,428
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 1,917	1,917
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 842	842
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -19,416	-19,416
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -20,412	-20,412
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -5,642	-5,642
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 4,314	4,314
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 835	835
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 2,605	2,605
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 1,536	1,536
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -16,180	-16,180
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -45,304	-45,304
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -134,800	-134,800
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -30,618	-30,618
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -16,180	-16,180
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -71,442	-71,442
16-Jan-19	BlackRock Fund Advisors	on mkt sell	4.06	ORD -84,111	-84,111
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD -541	-541
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD -121	-121
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD -104	-104
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 609	609
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -3,672	-3,672
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -1,929	-1,929
16-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.05	ORD 214,211	214,211

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16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.05 ORD 10,996	10,996
16-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -8,730	-8,730
16-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 21,568	21,568
16-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -20,412	-20,412
16-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 6,855	6,855
16-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -10,538	-10,538
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -60,877	-60,877
17-Jan-19	BlackRock Fund Advisors	on mkt buy	4.11 ORD 7,371	7,371
17-Jan-19	BlackRock Asset Management Canada Limited	in specie	n/a ORD 12,755	12,755
17-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.05 ORD 17,048	17,048
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05 ORD 21,575	21,575
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05 ORD 3,858	3,858
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05 ORD -855	-855
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05 ORD 15,777	15,777
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05 ORD 1,536	1,536
17-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -1,433	-1,433
17-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 5,352	5,352
17-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -53,920	-53,920
17-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 1,410	1,410
17-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 28,975	28,975
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04 ORD 2,086	2,086
18-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -8,730	-8,730
18-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -14,550	-14,550
18-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 3,202	3,202
21-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a ORD -127,310	-127,310
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.99 ORD -63,607	-63,607
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96 ORD 3,858	3,858
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96 ORD 1,282	1,282
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96 ORD 712	712
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96 ORD 4,327	4,327
22-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.96 ORD 75,180	75,180
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97 ORD 32,013	32,013
22-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -16,005	-16,005
22-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -15,807	-15,807
23-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.99 ORD -7,960	-7,960
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03 ORD 207	207
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03 ORD 32	32
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03 ORD 34	34
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.02 ORD 712	712
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.02 ORD 2,913	2,913
23-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.02 ORD 49,887	49,887
23-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -23,296	-23,296
23-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -14,560	-14,560
23-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 4,230	4,230
23-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -10,538	-10,538
23-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 28,975	28,975
23-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 22,414	22,414
24-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.07 ORD 14,618	14,618

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
24-Jan-19	BlackRock Fund Advisors	on mkt buy	4.12	ORD 139,104	139,104
24-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.12	ORD 84,193	84,193
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 4,328	4,328
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 2,529	2,529
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.13	ORD -1,916	-1,916
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -7,371	-7,371
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -24,786	-24,786
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,393	-12,393
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,760	-4,760
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -3,224	-3,224
24-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 13,390	13,390
25-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10	ORD 1,530	1,530
28-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 7,972	7,972
28-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 2,604	2,604
28-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -1,993	-1,993
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -8,736	-8,736
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 22,414	22,414
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,180	23,180
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 4,080	4,080
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.06	ORD 1,656	1,656
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.06	ORD 160,608	160,608
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,605	2,605
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 7,815	7,815
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -14,560	-14,560
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -16,016	-16,016
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,050	7,050
30-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -793	-793
30-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -24	-24
30-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -22	-22
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 13,040	13,040
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 52,985	52,985
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,608	2,608
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,368	-4,368
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,212	-4,212
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,744	28,744
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,975	28,975
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,385	17,385
31-Jan-19	BlackRock Fund Advisors	on mkt buy	4.05	ORD 23,100	23,100
31-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.05	ORD -147,616	-147,616
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,550	2,550
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,611	2,611
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 3,665	3,665
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 1,026	1,026
31-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.06	ORD 104,037	104,037
31-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.06	ORD 61,322	61,322
31-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD -63,395	-63,395
31-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD -192,070	-192,070
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -11,648	-11,648
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -628	-628
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,744	28,744

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31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-20,412	-20,412
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	32,020	32,020
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-34,242	-34,242
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	34,242	34,242
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	28,016	28,016
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-28,016	-28,016
01-Feb-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.03	ORD	341,055	341,055
01-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.03	ORD	-28,622	-28,622
01-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	33,700	33,700
01-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	151,650	151,650
01-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-10,538	-10,538
01-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-38,535	-38,535
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD	1,206	1,206
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.00	ORD	-52,989	-52,989
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.00	ORD	-1,919	-1,919
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD	2,612	2,612
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD	2,052	2,052
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-51,030	-51,030
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	23,180	23,180
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-26,345	-26,345
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,212	19,212
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	84,250	84,250
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-2,418	-2,418
05-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD	-526,729	-526,729
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	143,225	143,225
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	92,675	92,675
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-2,418	-2,418
07-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	4.07	ORD	1,379	1,379
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.04	ORD	-9,297	-9,297
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD	-2,832	-2,832
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	844	844
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	2,557	2,557
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD	-2,792	-2,792
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	2,613	2,613
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	2,614	2,614
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	3,958	3,958
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	768	768
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD	-4,725	-4,725
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	848	848
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD	-276	-276
07-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.03	ORD	2,983	2,983
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	163,672	163,672
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-2,380	-2,380
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,230	4,230
08-Feb-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.05	ORD	216,965	216,965
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD	-771	-771
08-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.05	ORD	5,186	5,186
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD	848	848
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD	105,978	105,978
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD	-5,285	-5,285
08-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	28,975	28,975
08-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	327,344	327,344



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08-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	16,010	16,010
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	8,032	8,032
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	36,903	36,903
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.06	ORD	-948	-948
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	861	861
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	2,635	2,635
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	2,635	2,635
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.06	ORD	118,754	118,754
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-14,560	-14,560
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-25,515	-25,515
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	81,836	81,836
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	22,414	22,414
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	13,384	13,384
13-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-402,363	-402,363
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.09	ORD	-360	-360
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.09	ORD	-105	-105
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.09	ORD	-112	-112
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	26,022	26,022
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD	-1,878	-1,878
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD	-12,207	-12,207
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	2,626	2,626
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	13,130	13,130
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD	-283	-283
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	7,878	7,878
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD	-1,878	-1,878
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	1,698	1,698
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.10	ORD	8,635	8,635
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.09	ORD	-578	-578
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	5,640	5,640
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-15,807	-15,807
14-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.10	ORD	201,217	201,217
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD	1,196	1,196
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD	1,716	1,716
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	4.08	ORD	-1,896	-1,896
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-7,280	-7,280
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	81,130	81,130
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-2,418	-2,418
15-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.07	ORD	76,371	76,371
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD	2,450	2,450
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	17,385	17,385
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	28,975	28,975
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	16,010	16,010
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-15,924	-15,924
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD	8,724	8,724
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	2,632	2,632
19-Feb-19	BlackRock Investment Management, LLC	on mkt sell	4.03	ORD	-23,175	-23,175
19-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	23,180	23,180
19-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	67,400	67,400
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.91	ORD	1,710	1,710
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.91	ORD	347	347
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.91	ORD	345	345

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20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -27,876	-27,876
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 2,633	2,633
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 5,266	5,266
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.90	ORD 66,387	66,387
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 211,183	211,183
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 1,199	1,199
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 1,726	1,726
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 5,270	5,270
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 8,728	8,728
21-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -25,515	-25,515
22-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.73	ORD 21,720	21,720
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD 3,696	3,696
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD 2,646	2,646
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD -2,769	-2,769
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD 4,367	4,367
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,917	28,917
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -56,133	-56,133
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,180	23,180
25-Feb-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.70	ORD -558,576	-558,576
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	3.70	ORD -780	-780
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 2,656	2,656
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 2,656	2,656
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 39,303	39,303
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.70	ORD 54,139	54,139
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 33,048	33,048
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,050	7,050
26-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 258,348	258,348
26-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.65	ORD -48,849	-48,849
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.66	ORD 53,021	53,021
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 879	879
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 2,668	2,668
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 2,668	2,668
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,538	-10,538
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,538	-10,538
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,030	-4,030
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -1,476	-1,476
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -314	-314
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -310	-310
27-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.69	ORD -35,384	-35,384
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD 2,659	2,659
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD 3,683	3,683
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD -5,318	-5,318
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.71	ORD 21,904	21,904
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.71	ORD 15,019	15,019
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.71	ORD 3,657	3,657
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -16,016	-16,016
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -20,412	-20,412
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,808	12,808

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27-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,050	7,050
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	3.73	ORD -48,042	-48,042
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.73	ORD 23,454	23,454
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.73	ORD 23,248	23,248
28-Feb-19	BlackRock International Limited	on mkt buy	3.73	ORD 19,937	19,937
28-Feb-19	BlackRock Fund Advisors	on mkt sell	3.73	ORD -1,910	-1,910
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.73	ORD 52,297	52,297
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -25,515	-25,515
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,975	28,975
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -112,992	-112,992
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 5,277	5,277
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 24,145	24,145
01-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -320	-320
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -10,346	-10,346
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -20,980	-20,980
04-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	3.75	ORD -10,608	-10,608
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 4,322	4,322
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -3,795	-3,795
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -1,208	-1,208
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 951	951
04-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -15,309	-15,309
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 43,230	43,230
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 2,398	2,398
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 1,844	1,844
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 34,770	34,770
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 14,510	14,510
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,808	12,808
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.72	ORD 52,885	52,885
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.72	ORD -652	-652
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.72	ORD -165	-165
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.72	ORD -164	-164
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.71	ORD -986	-986
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.73	ORD 53,155	53,155
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.73	ORD 1,902	1,902
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.73	ORD 7,667	7,667
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.73	ORD 21,690	21,690
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.73	ORD -7,964	-7,964
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 39,933	39,933
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,206	-10,206
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 3,450	3,450
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 876	876
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 1,912	1,912
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 876	876
07-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.77	ORD 16,598	16,598
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,020	29,020
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,180	23,180
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.70	ORD -6,006	-6,006
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 4,459	4,459
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 2,645	2,645
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.70	ORD -26,334	-26,334
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 3,087	3,087
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 846	846
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.70	ORD -2,424	-2,424
08-Mar-19	BlackRock Investment Management, LLC	on mkt sell	3.70	ORD -14,020	-14,020

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,476	16,476
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 26,163	26,163
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 14,510	14,510
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,230	4,230
11-Mar-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.75	ORD 31,015	31,015
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -26,298	-26,298
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -13,149	-13,149
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 869	869
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 3,685	3,685
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.75	ORD 2,636	2,636
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,180	23,180
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,020	29,020
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 2,647	2,647
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	3.74	ORD -43,193	-43,193
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 4,459	4,459
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 4,802	4,802
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 953	953
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 1,762	1,762
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.74	ORD -2,854	-2,854
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 34,425	34,425
13-Mar-19	BlackRock Investment Management, LLC	on mkt buy	3.73	ORD 4,357	4,357
13-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.72	ORD -18,222	-18,222
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.72	ORD -102,255	-102,255
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 4,446	4,446
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 3,420	3,420
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 3,672	3,672
13-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.72	ORD 45,890	45,890
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.72	ORD 2,638	2,638
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,476	16,476
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,508	5,508
14-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.62	ORD -62,026	-62,026
14-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.59	ORD -32,514	-32,514
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -1,954	-1,954
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.62	ORD 7,346	7,346
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.62	ORD 1,740	1,740
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.62	ORD 456	456
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.62	ORD 56	56
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.62	ORD 47	47
15-Mar-19	BlackRock Fund Advisors	on mkt sell	3.62	ORD -192,730	-192,730
15-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.62	ORD -1,519,545	-1,519,545
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -2,777,708	-2,777,708
15-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	3.62	ORD -59,526	-59,526
15-Mar-19	BlackRock Fund Advisors	on mkt sell	3.62	ORD -5,202,892	-5,202,892
15-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	3.62	ORD -5,932	-5,932
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -2,880	-2,880
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 882	882
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 14,704	14,704
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 2,658	2,658
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -3,055	-3,055
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 7,352	7,352

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 1,388	1,388
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.63	ORD 18,418	18,418
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.62	ORD -10,387	-10,387
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -102,060	-102,060
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 75,735	75,735
18-Mar-19	BlackRock Fund Advisors	on mkt buy	3.62	ORD 405	405
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.62	ORD 26,850	26,850
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65	ORD 37,260	37,260
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.65	ORD -1,956	-1,956
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65	ORD 5,336	5,336
18-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65	ORD 25,648	25,648
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,808	12,808
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -40,824	-40,824
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -10,570	-10,570
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 1,041	1,041
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 7,336	7,336
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 2,670	2,670
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 8,748	8,748
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -1,966	-1,966
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 883	883
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.61	ORD 2,550	2,550
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.61	ORD -3,006	-3,006
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,476	16,476
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,690	6,690
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD 742	742
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD 167	167
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD 153	153
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 4,376	4,376
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.56	ORD 883	883
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.56	ORD 2,436	2,436
20-Mar-19	BlackRock Fund Advisors	on mkt sell	3.56	ORD -4,845	-4,845
20-Mar-19	BlackRock Fund Advisors	on mkt sell	3.56	ORD -136,129	-136,129
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,238	8,238
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -71,442	-71,442
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 55,080	55,080
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 90,594	90,594
20-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -24,341	-24,341
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 3,123	3,123
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.54	ORD 2,048	2,048
22-Mar-19	BlackRock Fund Advisors	on mkt buy	3.58	ORD 487	487
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 74,830	74,830
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 5,868	5,868
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 3,450	3,450
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 942	942
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 888	888
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 852	852
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -20,412	-20,412
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 34,770	34,770
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -23,180	-23,180
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,202	3,202
25-Mar-19	BlackRock Fund Advisors	on mkt buy	3.59	ORD 6,919	6,919
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 1,203	1,203
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 888	888
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 13,134	13,134
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 49,572	49,572

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,901	17,901
26-Mar-19	BlackRock Fund Advisors	on mkt buy	3.73	ORD 1,459	1,459
26-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.74	ORD 64,906	64,906
26-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.73	ORD -5,261	-5,261
26-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	3.71	ORD -2,015	-2,015
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.77	ORD 17	17
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 2,406	2,406
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 47,984	47,984
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.82	ORD -2,776	-2,776
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.82	ORD -28,257	-28,257
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -9,754	-9,754
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 9,754	9,754
28-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.82	ORD -109,555	-109,555
28-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	ORD 103,984	103,984
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 13,140	13,140
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 4,380	4,380
28-Mar-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.83	ORD -142,158	-142,158
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 3,699	3,699
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 858	858
28-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	3.82	ORD 5,592	5,592
28-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 64,710	64,710
28-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,230	4,230
29-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.80	ORD -245,135	-245,135
29-Mar-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD 7,025	7,025
29-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.81	ORD -12,377	-12,377
29-Mar-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.82	ORD -92,337	-92,337
29-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.80	ORD 2,681	2,681
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.80	ORD 135,095	135,095
29-Mar-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.80	ORD -72,371	-72,371
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,476	16,476
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,920	8,920
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.82	ORD -21,072	-21,072
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 5,362	5,362
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.82	ORD -2,384	-2,384
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.82	ORD 136,001	136,001
01-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.82	ORD 7,561	7,561
01-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 20,595	20,595
02-Apr-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.82	ORD -1,709	-1,709
02-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.80	ORD -8,666	-8,666
02-Apr-19	BlackRock Fund Advisors	on mkt buy	3.83	ORD 1,611	1,611
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 4,384	4,384
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.78	ORD -3,948	-3,948
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 2,406	2,406
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 2,550	2,550

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02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78 ORD 2,684	2,684
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78 ORD 5,130	5,130
02-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 12,357	12,357
02-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 4,460	4,460
02-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 164,044	164,044
02-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 19,212	19,212
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65 ORD 451	451
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65 ORD 85	85
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65 ORD 70	70
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.65 ORD -39,339	-39,339
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65 ORD 1,041	1,041
03-Apr-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.65 ORD -92,885	-92,885
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.65 ORD 1,275	1,275
03-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD -20,412	-20,412
04-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.61 ORD -5,138	-5,138
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.63 ORD 21,455	21,455
04-Apr-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.59 ORD -92,877	-92,877
04-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.59 ORD -37,674	-37,674
04-Apr-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.61 ORD -987,484	-987,484
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.61 ORD 2,040	2,040
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65 ORD 702	702
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.65 ORD -717	-717
05-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD -112,266	-112,266
05-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD -20,412	-20,412
05-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 45,297	45,297
05-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 51,768	51,768
05-Apr-19	BlackRock Asset Management Canada Limited	in specie	n/a ORD 62,002	62,002
08-Apr-19	BlackRock Fund Advisors	on mkt buy	3.70 ORD 10,874	10,874
08-Apr-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.70 ORD -3,001	-3,001
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.70 ORD -1,926	-1,926
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70 ORD 5,430	5,430
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70 ORD 13,128	13,128
08-Apr-19	BlackRock Fund Advisors	on mkt buy	3.70 ORD 62,757	62,757
08-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 5,352	5,352
08-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD -56,133	-56,133
08-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 48,195	48,195
08-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD -328,736	-328,736
08-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD -246,552	-246,552
09-Apr-19	BlackRock Fund Advisors	on mkt buy	3.70 ORD 1,034	1,034
09-Apr-19	BlackRock Fund Advisors	on mkt buy	3.70 ORD 59,633	59,633
09-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.67 ORD -8,155	-8,155
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.67 ORD 765	765
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65 ORD 2,717	2,717
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65 ORD 3,701	3,701
09-Apr-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.65 ORD 33,443	33,443
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65 ORD 21,859	21,859
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.65 ORD 5,430	5,430

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10-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 189,548 189,548
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.58	ORD -1,162 -1,162
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.58	ORD -268 -268
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.58	ORD -267 -267
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.58	ORD 3,702 3,702
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.58	ORD -918 -918
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.58	ORD -4,365 -4,365
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.58	ORD -8,184 -8,184
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.58	ORD -3,702 -3,702
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD -166,356 -166,356
11-Apr-19	BlackRock Fund Advisors	on mkt buy	3.59	ORD 5,652 5,652
11-Apr-19	BlackRock Investment Management, LLC	on mkt buy	3.59	ORD 5,098 5,098
11-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.57	ORD -9,735 -9,735
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.56	ORD -289 -289
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.56	ORD 986 986
11-Apr-19	BlackRock Fund Advisors	on mkt buy	3.56	ORD 58,981 58,981
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 14,510 14,510
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,180 23,180
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 72,550 72,550
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.64	ORD -75,368 -75,368
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 934 934
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 3,702 3,702
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 71,470 71,470
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 7,723 7,723
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 2,509 2,509
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 39,933 39,933
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD -45,927 -45,927
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 333,100 333,100
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 166,550 166,550
12-Apr-19	BlackRock Japan Co., Ltd.	in specie	n/a	ORD -3,448 -3,448
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.62	ORD 12,450 12,450
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -8,175 -8,175
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.62	ORD 1,890 1,890
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -1,803 -1,803
15-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,020 29,020
15-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -22,443 -22,443
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 12,708 12,708
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -12,708 -12,708
15-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -26,010 -26,010
16-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.64	ORD -9,314 -9,314
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65	ORD 6,181 6,181
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.65	ORD 3,703 3,703
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 55,080 55,080
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,640 5,640
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 14,510 14,510
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.67	ORD -27 -27
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.67	ORD -27 -27
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 20,715 20,715
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 37,681 37,681



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17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 8,286	8,286
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 1,764	1,764
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.69	ORD -1,809	-1,809
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 923	923
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 1,764	1,764
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 2,642	2,642
17-Apr-19	BlackRock Fund Advisors	on mkt buy	3.69	ORD 60,167	60,167
17-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,180	23,180
18-Apr-19	BlackRock Fund Advisors	on mkt buy	3.70	ORD 7,493	7,493
18-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.70	ORD -5,973	-5,973
18-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.70	ORD 5,323	5,323
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 37,682	37,682
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.70	ORD 880	880
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.70	ORD -8,866	-8,866
18-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 36,660	36,660
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 56,027	56,027
23-Apr-19	BlackRock Fund Advisors	on mkt buy	3.74	ORD 165,849	165,849
23-Apr-19	BlackRock Fund Advisors	on mkt buy	3.74	ORD 7,784	7,784
23-Apr-19	BlackRock Fund Advisors	on mkt buy	3.74	ORD 9,287	9,287
23-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.73	ORD -8,102	-8,102
23-Apr-19	BlackRock Japan Co., Ltd.	on mkt buy	3.71	ORD 1,671	1,671
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.74	ORD 9,981	9,981
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.74	ORD 2,331	2,331
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.75	ORD -9,838	-9,838
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,920	8,920
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,010	16,010
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.68	ORD -686	-686
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.68	ORD -141	-141
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.68	ORD -138	-138
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.65	ORD 2,040	2,040
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 2,082	2,082
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 1,735	1,735
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 1,735	1,735
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD 21,870	21,870
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD 29,828	29,828
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.65	ORD -2,308	-2,308
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,798	5,798
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 57,876	57,876
26-Apr-19	BlackRock Investment Management, LLC	on mkt sell	3.61	ORD -39,673	-39,673
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 884	884
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 3,177	3,177
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 1,800	1,800
26-Apr-19	BlackRock Asset Management Canada Limited	on mkt buy	3.59	ORD 6,165	6,165
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 12,459	12,459
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 2,471	2,471
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 44,096	44,096
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 40,572	40,572
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD -250,542	-250,542

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29-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.64	ORD 1,900	1,900
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.64	ORD -70,011	-70,011
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.64	ORD 3,169	3,169
30-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.67	ORD -8,686	-8,686
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.69	ORD 1,020	1,020
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 12,486	12,486
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 3,704	3,704
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	3.67	ORD -36,301	-36,301
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD 10,594	10,594
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD 2,238	2,238
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD 67,263	67,263
30-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 14,309	14,309
01-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 2,118	2,118
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.67	ORD 5,017	5,017
01-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,235	7,235
02-May-19	BlackRock Fund Advisors	on mkt buy	3.70	ORD 420	420
02-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.70	ORD -8,403	-8,403
02-May-19	BlackRock Fund Advisors	on mkt buy	3.69	ORD 176,439	176,439
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -12,175	-12,175
02-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.67	ORD 1,752	1,752
03-May-19	BlackRock Fund Advisors	on mkt buy	3.69	ORD 780	780
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.69	ORD 179	179
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.69	ORD 45	45
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.69	ORD 39	39
03-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD 1,794	1,794
06-May-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.64	ORD 22,099	22,099
06-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,341	4,341
07-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.62	ORD -6,387	-6,387
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -77,093	-77,093
07-May-19	BlackRock Asset Management Canada Limited	on mkt buy	3.62	ORD 118,627	118,627
07-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 9,814	9,814
07-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,824	16,824
07-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,904	23,904
07-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,341	4,341
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.63	ORD 552	552
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.63	ORD 127	127
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.63	ORD 121	121
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -5,892	-5,892
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -3,905	-3,905
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 2,653	2,653
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 259	259
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.63	ORD -7,856	-7,856
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 12,513	12,513
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 2,471	2,471

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.63	ORD 1,792	1,792
08-May-19	BlackRock Fund Advisors	on mkt buy	3.63	ORD 53,497	53,497
08-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 20,595	20,595
08-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,663	12,663
08-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 52,448	52,448
09-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.65	ORD -13,320	-13,320
09-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -5,901	-5,901
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -2,420	-2,420
10-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.62	ORD 3,721	3,721
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -15,585	-15,585
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -2,416	-2,416
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.62	ORD -5,901	-5,901
10-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,833	28,833
10-May-19	BlackRock Fund Advisors	in specie	n/a	ORD -3,570	-3,570
10-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,019	5,019
13-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.69	ORD 2,544	2,544
13-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,896	16,896
13-May-19	BlackRock Asset Management Canada Limited	on mkt buy	3.65	ORD 2,333	2,333
14-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.70	ORD 37,685	37,685
14-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD 2,661	2,661
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.72	ORD -3,078	-3,078
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.72	ORD -3,078	-3,078
14-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,906	4,906
14-May-19	BlackRock Fund Advisors	in specie	n/a	ORD -51,040	-51,040
15-May-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.76	ORD 22,098	22,098
15-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 659	659
15-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 127	127
15-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.75	ORD 125	125
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD -37,678	-37,678
15-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 5,324	5,324
15-May-19	BlackRock Fund Advisors	on mkt buy	3.76	ORD 73,925	73,925
15-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
15-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,105	21,105
15-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 39,492	39,492
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.73	ORD -7,720	-7,720
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 8,360	8,360
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 5,326	5,326
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.74	ORD 7,793	7,793
17-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 5,328	5,328
17-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 5,328	5,328
17-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.76	ORD 68,828	68,828
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 2,054	2,054
20-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.81	ORD 2,442	2,442
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 1,796	1,796
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 768	768
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 2,667	2,667
20-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,833	28,833
20-May-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 248,900	248,900
21-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.82	ORD -6,195	-6,195
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD 4,205	4,205
21-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.83	ORD -1,963	-1,963
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD 1,056	1,056

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21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD 2,668	2,668
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD 65,014	65,014
21-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,808	12,808
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.79	ORD 1,155	1,155
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.79	ORD 240	240
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.79	ORD 235	235
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.78	ORD 288,778	288,778
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 823	823
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 3,737	3,737
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 8,007	8,007
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 2,669	2,669
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 12,594	12,594
22-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.78	ORD -922	-922
22-May-19	BlackRock Fund Advisors	on mkt sell	3.78	ORD -24,634	-24,634
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.78	ORD 126,666	126,666
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.78	ORD -126,666	-126,666
22-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,210	21,210
22-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 42,420	42,420
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -12,738	-12,738
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 53,368	53,368
22-May-19	BlackRock Fund Advisors	in specie	n/a	ORD -31,600	-31,600
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 12,138	12,138
23-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.80	ORD -4,992	-4,992
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.80	ORD 65,343	65,343
23-May-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD 59,579	59,579
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.80	ORD -3,570	-3,570
23-May-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD 14,470	14,470
23-May-19	BlackRock Fund Advisors	in specie	n/a	ORD -25,084	-25,084
23-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 86,002	86,002
24-May-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.77	ORD -75,689	-75,689
24-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.76	ORD -4,196	-4,196
24-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -1,830	-1,830
24-May-19	BlackRock Fund Advisors	on mkt buy	3.76	ORD 51,579	51,579
24-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.76	ORD 5,962	5,962
24-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 46,354	46,354
24-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 86,002	86,002
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	3.77	ORD 3,479	3,479
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.77	ORD 44,157	44,157
28-May-19	BlackRock International Limited	on mkt buy	3.77	ORD 20,154	20,154
28-May-19	BlackRock Investment Management, LLC	on mkt sell	3.77	ORD -6,991	-6,991
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.77	ORD 14,198	14,198
28-May-19	BlackRock Fund Advisors	on mkt buy	3.77	ORD 134,074	134,074
28-May-19	BlackRock Fund Advisors	on mkt buy	3.77	ORD 155,874	155,874
28-May-19	BlackRock Fund Advisors	on mkt sell	3.77	ORD -15,066	-15,066
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.77	ORD -37,322	-37,322
28-May-19	BlackRock Fund Advisors	on mkt sell	3.77	ORD -53,550	-53,550

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28-May-19	BlackRock Fund Advisors	on mkt buy	3.77	ORD 39,440	39,440
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.77	ORD -75,542	-75,542
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.77	ORD -16,971	-16,971
28-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.77	ORD -34,670	-34,670
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.77	ORD 55,044	55,044
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.77	ORD 9,412	9,412
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.77	ORD 7,973	7,973
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.77	ORD 117,589	117,589
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.77	ORD -84,548	-84,548
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 48,129	48,129
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.77	ORD -38,444	-38,444
28-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.77	ORD -78,537	-78,537
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.76	ORD 689	689
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.76	ORD 149	149
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.76	ORD 152	152
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 4,039	4,039
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -38,043	-38,043
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -3,663	-3,663
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -5,144	-5,144
29-May-19	BlackRock Fund Advisors	on mkt buy	3.76	ORD 50,953	50,953
29-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,833	28,833
29-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,238	8,238
29-May-19	BlackRock Fund Advisors	in specie	n/a	ORD 88,477	88,477
29-May-19	BlackRock Fund Advisors	in specie	n/a	ORD -14,510	-14,510
30-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 36,834	36,834
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -2,440	-2,440
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.76	ORD -3,660	-3,660
30-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 2,631	2,631
30-May-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.76	ORD -66,894	-66,894
30-May-19	BlackRock Fund Advisors	in specie	n/a	ORD -19,359	-19,359
31-May-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD 6,631	6,631
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 23,314	23,314
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.82	ORD 159,749	159,749
31-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.82	ORD -73,436	-73,436
04-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	3.75	ORD 13,182	13,182
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -3,852	-3,852
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -894	-894
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 23,670	23,670
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -1,533	-1,533
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 3,450	3,450
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 2,630	2,630
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -3,060	-3,060
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.74	ORD -76,086	-76,086
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.74	ORD 40,517	40,517
04-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.74	ORD 1,721	1,721
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 598	598

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04-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,538	-10,538
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -32,195	-32,195
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -29,020	-29,020
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,608	6,608
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.76	ORD 5,260	5,260
05-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 10,271	10,271
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.71	ORD 7,881	7,881
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD -864	-864
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.71	ORD -2,396	-2,396
05-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	3.71	ORD -45,407	-45,407
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 32,131	32,131
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,608	6,608
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 4,063	4,063
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.68	ORD -2,547	-2,547
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 12,189	12,189
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.79	ORD -38,041	-38,041
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD 12,265	12,265
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.79	ORD 1,595	1,595
10-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 2,638	2,638
10-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 10,552	10,552
10-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -29,020	-29,020
10-Jun-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -61,349	-61,349
11-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD 3,695	3,695
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 3,858	3,858
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.77	ORD -3,699	-3,699
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 2,808	2,808
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 5,260	5,260
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 13,150	13,150
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD 2,808	2,808
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.81	ORD 127,743	127,743
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.80	ORD 39,833	39,833
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.80	ORD 8,114	8,114
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.80	ORD 8,052	8,052
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 4,104	4,104
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 700	700
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -8,964	-8,964
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 40,226	40,226
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -128,655	-128,655
12-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.82	ORD 588	588
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -13,970	-13,970
13-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD 118,741	118,741
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 40,150	40,150
13-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 2,654	2,654
13-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	3.88	ORD 1,458	1,458
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 52,023	52,023
14-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.89	ORD 9,481	9,481
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.88	ORD 63,815	63,815
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.88	ORD -2,430	-2,430

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.88	ORD -4,462	-4,462
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 2,551	2,551
14-Jun-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.88	ORD -34,417	-34,417
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -42,504	-42,504
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -31,878	-31,878
17-Jun-19	BlackRock Fund Advisors	on mkt sell	3.86	ORD -4,478	-4,478
17-Jun-19	BlackRock Fund Advisors	on mkt sell	3.86	ORD -111,075	-111,075
17-Jun-19	BlackRock Fund Advisors	on mkt sell	3.86	ORD -80,593	-80,593
17-Jun-19	BlackRock Fund Advisors	on mkt sell	3.86	ORD -113,766	-113,766
17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD 484	484
17-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -37,275	-37,275
18-Jun-19	BlackRock Fund Advisors	on mkt sell	3.90	ORD -6,515	-6,515
18-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	ORD 62,925	62,925
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD 7,785	7,785
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD 2,595	2,595
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD 5,190	5,190
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.91	ORD 9,434	9,434
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 428	428
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 69	69
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.93	ORD 69	69
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.94	ORD -46,746	-46,746
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.92	ORD -195,509	-195,509
19-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	3.92	ORD -1,119	-1,119
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.92	ORD 253	253
19-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.92	ORD 27,673	27,673
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 1,785	1,785
19-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,902	4,902
19-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,502	-10,502
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.99	ORD -4,461	-4,461
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 3,015	3,015
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,718	2,718
20-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.99	ORD 34,081	34,081
20-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,476	16,476
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD 2,436	2,436
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD 2,590	2,590
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.96	ORD -1,876	-1,876
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.96	ORD -121,553	-121,553
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.96	ORD -27,828	-27,828
21-Jun-19	BlackRock Fund Advisors	on mkt buy	3.96	ORD 219,460	219,460
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.96	ORD -2,830	-2,830
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.96	ORD -927	-927
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.96	ORD 17,978	17,978
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.94	ORD -38,632	-38,632
21-Jun-19	BlackRock Investment Management, LLC	on mkt sell	3.94	ORD -10,664	-10,664
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 13,856	13,856
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -27,775	-27,775
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -33,330	-33,330

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24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD 871	871
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD 5,162	5,162
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD 3,648	3,648
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	ORD 10,170	10,170
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 24,714	24,714
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 9,093	9,093
24-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	3.95	ORD 28,509	28,509
25-Jun-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.96	ORD -46,276	-46,276
25-Jun-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD 874	874
25-Jun-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD 5,793	5,793
25-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD 85,727	85,727
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 599	599
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.90	ORD -4,353	-4,353
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -26,185	-26,185
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 87,310	87,310
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,572	12,572
26-Jun-19	BlackRock Fund Advisors	on mkt buy	3.90	ORD 1,153	1,153
26-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.91	ORD 67	67
26-Jun-19	BLACKROCK ADVISORS LLC	on mkt buy	3.91	ORD 104	104
26-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.88	ORD 3,241	3,241
26-Jun-19	BLACKROCK ADVISORS LLC	on mkt buy	3.88	ORD 5,055	5,055
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD 114,477	114,477
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 733	733
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 165	165
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 170	170
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.88	ORD -695	-695
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.88	ORD -50,486	-50,486
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 30,766	30,766
26-Jun-19	BlackRock Fund Advisors	on mkt buy	3.88	ORD 28,560	28,560
26-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -14,671	-14,671
27-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.90	ORD 70,739	70,739
27-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.93	ORD -5,655	-5,655
27-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 2,591	2,591
27-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 2,591	2,591
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.93	ORD -6,337	-6,337
27-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	ORD 588	588
28-Jun-19	BlackRock Fund Advisors	on mkt buy	3.94	ORD 410	410
28-Jun-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.98	ORD -85,199	-85,199
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD 266	266
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.98	ORD -17,039	-17,039
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.98	ORD -12,627	-12,627
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 18,928	18,928
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,629	5,629
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD 19,179	19,179
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD -29,342	-29,342
01-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -124,181	-124,181



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01-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.02 ORD 588	588
01-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.02 ORD 588	588
01-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD -16,560	-16,560
01-Jul-19	BlackRock Asset Management North Asia Limited	in specie	n/a ORD -52,503	-52,503
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.04 ORD 5,901	5,901
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05 ORD 5,324	5,324
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05 ORD -16,512	-16,512
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	4.05 ORD -1,428	-1,428
02-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.05 ORD 45,453	45,453
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.00 ORD 116,077	116,077
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.99 ORD 975	975
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.99 ORD 211	211
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.99 ORD 209	209
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 2,420	2,420
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.99 ORD -37,289	-37,289
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 2,662	2,662
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a ORD -29,674	-29,674
04-Jul-19	BlackRock Fund Advisors	on mkt buy	4.00 ORD 1,177	1,177
04-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.95 ORD -37,290	-37,290
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 4,127	4,127
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 840	840
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 972	972
05-Jul-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.99 ORD 31,887	31,887
05-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.99 ORD 8,932	8,932
05-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD -20,864	-20,864
05-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD 87,310	87,310
08-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.98 ORD 4,238	4,238
08-Jul-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.97 ORD -49,180	-49,180
08-Jul-19	BlackRock Fund Advisors	on mkt buy	3.99 ORD 585	585
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97 ORD 4,127	4,127
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97 ORD 876	876
08-Jul-19	BlackRock Fund Advisors	on mkt buy	3.97 ORD 66,913	66,913
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.97 ORD -88,088	-88,088
08-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.96 ORD 587	587
08-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD 17,715	17,715
08-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD -10,502	-10,502
09-Jul-19	BlackRock Fund Advisors	on mkt buy	3.97 ORD 7,038	7,038
09-Jul-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.96 ORD -12,630	-12,630
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.98 ORD 7,259	7,259
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.98 ORD 2,607	2,607
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a ORD -50,267	-50,267
10-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.95 ORD 2,234	2,234
10-Jul-19	BLACKROCK ADVISORS LLC	on mkt buy	3.95 ORD 6,528	6,528
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95 ORD 2,596	2,596

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10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	ORD 462	462
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	ORD 113	113
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	ORD 113	113
10-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD 88,755	88,755
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.90	ORD -5,386	-5,386
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 261	261
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	ORD 4,411	4,411
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.95	ORD 2,724	2,724
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD 4,212	4,212
12-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.97	ORD 36,789	36,789
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.97	ORD 145,497	145,497
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,502	-10,502
15-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	3.93	ORD 41,663	41,663
16-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.94	ORD 8,075	8,075
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 8,238	8,238
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.90	ORD -2,604	-2,604
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD 2,691	2,691
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.90	ORD -37,295	-37,295
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD 1,466	1,466
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD 13,423	13,423
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,306	-10,306
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 326	326
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 68	68
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD 65	65
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.88	ORD 14,659	14,659
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 18,844	18,844
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD 8,352	8,352
17-Jul-19	BlackRock Asset Management North Asia Limited	on mkt buy	3.89	ORD 48,303	48,303
17-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	3.88	ORD 1,831	1,831
17-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.93	ORD -1,691	-1,691
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.94	ORD 4,120	4,120
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.94	ORD 8,240	8,240
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.94	ORD 76,314	76,314
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD 587	587
18-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD 37,071	37,071
18-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD 24,714	24,714
18-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD 524,496	524,496
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.93	ORD -831	-831
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.93	ORD -2,940	-2,940
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 1,928	1,928
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 1,928	1,928
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.93	ORD -37,294	-37,294
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD 53,573	53,573

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19-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92 ORD 587	587
19-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD 5,172	5,172
19-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD -15,753	-15,753
19-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD 12,572	12,572
22-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.92 ORD 3,308	3,308
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.89 ORD 1,205	1,205
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 1,401,510	1,401,510
23-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.91 ORD -7,336	-7,336
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91 ORD 338	338
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91 ORD 1,036	1,036
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91 ORD 1,212	1,212
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -23,977	-23,977
24-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.89 ORD 22,773	22,773
24-Jul-19	BLACKROCK ADVISORS LLC	on mkt buy	3.89 ORD 29,244	29,244
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89 ORD 7,577	7,577
24-Jul-19	BlackRock International Limited	on mkt buy	3.89 ORD 4,633	4,633
24-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.89 ORD 14,935	14,935
24-Jul-19	BlackRock Investment Management, LLC	on mkt buy	3.89 ORD 7,281	7,281
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.89 ORD -387	-387
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.89 ORD -71	-71
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.89 ORD -67	-67
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.89 ORD 4,148	4,148
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.88 ORD 1,589	1,589
24-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD -10,502	-10,502
25-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.91 ORD -55,713	-55,713
25-Jul-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.91 ORD -48,871	-48,871
25-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.92 ORD 2,706	2,706
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.92 ORD -2,457	-2,457
25-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD 13,104	13,104
25-Jul-19	BlackRock Fund Advisors	in specie	n/a ORD 174,832	174,832
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.89 ORD 37,296	37,296
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.89 ORD 5,568	5,568
29-Jul-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.90 ORD 22,056	22,056
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90 ORD 4,156	4,156
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90 ORD 1,041	1,041
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90 ORD 2,776	2,776
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.90 ORD -871	-871
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 6,317	6,317
30-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.94 ORD -9,061	-9,061
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95 ORD 706	706
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95 ORD 972	972
30-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.95 ORD 20,702	20,702
31-Jul-19	BlackRock Fund Advisors	on mkt buy	3.96 ORD 900	900
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00 ORD -839	-839

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31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -150	-150
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD -150	-150
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,125	4,125
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 1,877	1,877
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,478	4,478
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 7,701	7,701
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 3,260	3,260
31-Jul-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD 29,052	29,052
31-Jul-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD 75,522	75,522
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.98	ORD -44,939	-44,939
31-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD -15,753	-15,753
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.96	ORD -43,792	-43,792
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD 37,294	37,294
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD 37,294	37,294
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.97	ORD -9,324	-9,324
01-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.97	ORD 8,972	8,972
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD 50,213	50,213
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD 328	328
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.97	ORD -19,976	-19,976
01-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 87,416	87,416
01-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 46,739	46,739
01-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -176,826	-176,826
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD -4,902	-4,902
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03	ORD 5,294	5,294
02-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.00	ORD 328	328
02-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,833	28,833
02-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 33,385	33,385
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD 37,291	37,291
05-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD 50,374	50,374
05-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.02	ORD 328	328
05-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,536	6,536
06-Aug-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.98	ORD 22,063	22,063
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.98	ORD 5,977	5,977
06-Aug-19	BLACKROCK ADVISORS LLC	on mkt buy	3.98	ORD 24,014	24,014
06-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.98	ORD 5,047	5,047
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.98	ORD 8,918	8,918
06-Aug-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.98	ORD -78,063	-78,063
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,125	4,125
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -3,159	-3,159
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -859	-859
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -2,639	-2,639
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -1,470	-1,470
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -3,861	-3,861
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -2,348	-2,348
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.95	ORD 1,589	1,589
06-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 20,595	20,595

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -985	-985
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -240	-240
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08	ORD -235	-235
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.12	ORD -1,412	-1,412
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.12	ORD -4,392	-4,392
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD 264	264
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.12	ORD -1,464	-1,464
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.12	ORD 17,194	17,194
08-Aug-19	BlackRock Asset Management North Asia Limited	on mkt sell	4.17	ORD -91,123	-91,123
08-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.14	ORD -50,749	-50,749
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -5,215	-5,215
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -5,215	-5,215
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -570	-570
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD -879	-879
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD 37,283	37,283
08-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 37,071	37,071
08-Aug-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -351,477	-351,477
09-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.14	ORD -33,843	-33,843
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 1,646	1,646
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 13,437	13,437
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 2,678	2,678
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 21,424	21,424
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.11	ORD 1,816	1,816
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.11	ORD 328	328
09-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
12-Aug-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.10	ORD 22,061	22,061
12-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -29,342	-29,342
13-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.07	ORD -3,954	-3,954
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 4,125	4,125
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.06	ORD -5,166	-5,166
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,653	2,653
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,653	2,653
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,802	2,802
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 12,375	12,375
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 1,880	1,880
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,653	2,653
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD -6,298	-6,298
13-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,502	-10,502
13-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 794	794
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.08	ORD -30,933	-30,933
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.10	ORD 324	324
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.10	ORD 84	84
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.10	ORD 84	84
14-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.07	ORD -16,289	-16,289
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.07	ORD -7,773	-7,773

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14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.07	ORD -2,344	-2,344
14-Aug-19	BlackRock International Limited	on mkt sell	4.07	ORD -2,167	-2,167
14-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.07	ORD -14,754	-14,754
14-Aug-19	BlackRock Investment Management, LLC	on mkt sell	4.07	ORD -3,571	-3,571
14-Aug-19	BLACKROCK ADVISORS LLC	on mkt sell	4.07	ORD -29,719	-29,719
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD 2,655	2,655
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 656	656
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 17,089	17,089
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 9,299	9,299
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -87,416	-87,416
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -14,671	-14,671
14-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -3,675	-3,675
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD -1,420	-1,420
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD 7,968	7,968
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD -1,420	-1,420
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.02	ORD -16,061	-16,061
15-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,290	10,290
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 1,887	1,887
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,357	12,357
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -93,478	-93,478
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -21,004	-21,004
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,776	4,776
19-Aug-19	BlackRock Fund Advisors	on mkt buy	4.00	ORD 699	699
19-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.97	ORD 23,060	23,060
19-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 5,314	5,314
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD 10,628	10,628
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD 212,086	212,086
19-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD 5,314	5,314
20-Aug-19	BlackRock Investment Management, LLC	on mkt buy	4.06	ORD 4,469	4,469
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.01	ORD 4,740	4,740
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.02	ORD 2,024	2,024
20-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -87,416	-87,416
21-Aug-19	BlackRock Fund Advisors	on mkt sell	4.18	ORD -29,755	-29,755
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 4,182	4,182
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 2,659	2,659
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.19	ORD 759	759
21-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,502	-10,502
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -1,365	-1,365
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 2,660	2,660
22-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 25,512	25,512
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.33	ORD 1,265	1,265
23-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 2,650	2,650
23-Aug-19	BLACKROCK ADVISORS LLC	on mkt sell	4.34	ORD -114,225	-114,225
23-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -36,512	-36,512
26-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 102,235	102,235
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -15,516	-15,516
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40	ORD 69,078	69,078
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40	ORD -3,297	-3,297
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40	ORD 808	808

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27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38 ORD 328	328
27-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -174,832	-174,832
27-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -66,770	-66,770
27-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -46,739	-46,739
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38 ORD -708	-708
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38 ORD -108	-108
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38 ORD -106	-106
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.38 ORD -199	-199
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38 ORD 2,641	2,641
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38 ORD 5,282	5,282
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38 ORD 2,641	2,641
28-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -61,572	-61,572
28-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 4,902	4,902
28-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -20,524	-20,524
28-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 3,268	3,268
28-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 29,895	29,895
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37 ORD -5,232	-5,232
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37 ORD -887	-887
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.37 ORD 13,210	13,210
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 984	984
29-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -611,912	-611,912
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 1,016	1,016
30-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	4.42 ORD 107,708	107,708
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42 ORD 3,209	3,209
30-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 9,982	9,982
30-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -153,571	-153,571
30-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -46,739	-46,739
02-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 169,054	169,054
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46 ORD -32,944	-32,944
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 5,290	5,290
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 199	199
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46 ORD -882	-882
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 2,036	2,036
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.44 ORD 1,518	1,518
03-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 12,357	12,357
03-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 136,758	136,758
04-Sep-19	BlackRock Fund Advisors	on mkt buy	4.45 ORD 559	559
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 916	916
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 195	195
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 195	195
04-Sep-19	BlackRock Asset Management North Asia Limited	on mkt sell	4.54 ORD -89,817	-89,817
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -16,464	-16,464
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 363	363
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 263	263
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 24,810	24,810
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54 ORD 4,602	4,602
04-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 35,688	35,688
04-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 8,170	8,170
04-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 35,688	35,688
04-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -87,416	-87,416

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
05-Sep-19	BlackRock Fund Advisors	on mkt sell	4.57 ORD -5,297	-5,297
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD 1,527	1,527
05-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 8,680	8,680
05-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 5,208	5,208
05-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 29,740	29,740
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64 CFD 13,840	13,840
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 3,036	3,036
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,420	1,420
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 261	261
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 656	656
06-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 6,944	6,944
06-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -21,004	-21,004
09-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -12,688	-12,688
09-Sep-19	BlackRock Asset Management North Asia Limited	on mkt sell	4.69 ORD -64,737	-64,737
09-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 3,752	3,752
09-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.71 ORD -886	-886
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD -81,623	-81,623
10-Sep-19	BlackRock Asset Management Deutschland AG	on mkt sell	4.65 ORD -44,112	-44,112
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64 CFD 14,170	14,170
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64 CFD 62,950	62,950
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.64 ORD -23,686	-23,686
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,065	1,065
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -1,764	-1,764
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 3,846	3,846
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 2,646	2,646
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 2,130	2,130
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65 ORD 86,518	86,518
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 2,024	2,024
10-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 7,812	7,812
10-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -10,472	-10,472
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46 ORD -101,490	-101,490
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44 ORD -948	-948
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44 ORD -147	-147
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44 ORD -148	-148
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.43 ORD -1,878	-1,878
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.43 ORD 1,420	1,420
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.43 ORD -49,003	-49,003
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43 ORD 1,514	1,514
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43 ORD 6,774	6,774
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43 ORD 19,887	19,887
11-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 3,038	3,038
11-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -20,524	-20,524
11-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -87,332	-87,332
12-Sep-19	BlackRock Fund Advisors	on mkt buy	4.54 ORD 543	543
12-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53 ORD -1,909	-1,909



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,879	1,879
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,770	1,770
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 2,032	2,032
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51	CFD 163,880	163,880
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	CFD 9,460	9,460
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 3,748	3,748
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -13,280	-13,280
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 5,340	5,340
13-Sep-19	BlackRock Asset Management Deutschland AG	on mkt sell	4.50	ORD -16,429	-16,429
13-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	4.50	ORD 1,949	1,949
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,038	3,038
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,262	2,262
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 71,244	71,244
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 49,428	49,428
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 11,648	11,648
17-Sep-19	BlackRock Fund Advisors	on mkt buy	4.48	ORD 641	641
17-Sep-19	BlackRock Fund Advisors	on mkt buy	4.48	ORD 5,731	5,731
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	CFD 12,610	12,610
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 2,324	2,324
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 886	886
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 4,465	4,465
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -7,962	-7,962
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 2,324	2,324
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51	CFD 205,880	205,880
18-Sep-19	BlackRock Investment Management, LLC	on mkt buy	4.52	CFD 113,430	113,430
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51	ORD -49,271	-49,271
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 236	236
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 51	51
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 50	50
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 1,770	1,770
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 2,036	2,036
19-Sep-19	BlackRock Fund Advisors	on mkt buy	4.45	ORD 7,315	7,315
19-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.41	ORD -3,585	-3,585
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 1,420	1,420
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 4,465	4,465
20-Sep-19	BlackRock Fund Advisors	on mkt buy	4.42	ORD 4,476	4,476
20-Sep-19	BlackRock Investment Management, LLC	on mkt buy	4.39	CFD 137,860	137,860
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 1,876	1,876
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.35	ORD -1,608	-1,608
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.35	ORD -5,164	-5,164
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.35	ORD -24,888	-24,888
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 2,478	2,478
20-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.35	ORD -417,593	-417,593
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.35	ORD -31,811	-31,811
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 1,771	1,771
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.38	ORD -29,850	-29,850
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 11,450	11,450

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20-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -4,068	-4,068
20-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -14,671	-14,671
23-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.36	ORD 9,004	9,004
23-Sep-19	BlackRock Fund Advisors	on mkt buy	4.39	ORD 9,342	9,342
23-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43	ORD 2,770	2,770
24-Sep-19	BlackRock Investment Management, LLC	on mkt buy	4.47	CFD 145,060	145,060
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	CFD 11,116	11,116
24-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 2,848	2,848
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.49	ORD -7,628	-7,628
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.49	ORD -67,031	-67,031
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -9,686	-9,686
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,160	4,160
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -198,009	-198,009
25-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -47,137	-47,137
25-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 47,137	47,137
25-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 90,478	90,478
25-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -90,478	-90,478
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	CFD 197,640	197,640
25-Sep-19	BlackRock Investment Management, LLC	on mkt buy	4.52	CFD 146,250	146,250
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	ORD 24,756	24,756
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	CFD 11,850	11,850
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -1,360	-1,360
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 886	886
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,875	1,875
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	ORD -19,113	-19,113
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 2,277	2,277
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 328	328
25-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,572	-12,572
25-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,572	-12,572
25-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,913	17,913
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43	CFD 11,540	11,540
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	CFD 192,420	192,420
26-Sep-19	BlackRock Investment Management, LLC	on mkt buy	4.43	CFD 142,390	142,390
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.41	ORD 30,791	30,791
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.41	ORD -47,137	-47,137
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.41	ORD -31,384	-31,384
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.41	ORD -90,478	-90,478
26-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39	ORD 328	328
26-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -24,510	-24,510
27-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.39	ORD -15,612	-15,612
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 25,468	25,468

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27-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	-15,715	-15,715
30-Sep-19	BlackRock Fund Advisors	on mkt buy	4.41	ORD	1,074	1,074
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.41	ORD	2,660	2,660
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	4,146	4,146
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	2,381	2,381
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	1,958	1,958
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD	2,530	2,530
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	-29,342	-29,342
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	-31,430	-31,430
01-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.44	ORD	14,262	14,262
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD	80,185	80,185
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD	-37,509	-37,509
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD	4,466	4,466
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD	253	253
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD	656	656
02-Oct-19	BlackRock Fund Advisors	on mkt buy	4.54	ORD	1,067	1,067
02-Oct-19	BlackRock Fund Advisors	on mkt buy	4.54	ORD	7,133	7,133
02-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD	381	381
02-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD	28	28
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD	-37,508	-37,508
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD	1,785	1,785
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD	1,785	1,785
02-Oct-19	BlackRock Fund Advisors	on mkt buy	4.55	ORD	36,502	36,502
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	CFD	162,710	162,710
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	CFD	9,760	9,760
03-Oct-19	BlackRock Investment Management, LLC	on mkt buy	4.48	CFD	120,400	120,400
03-Oct-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.47	ORD	-4,296	-4,296
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD	-150,008	-150,008
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD	-891	-891
03-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	37,071	37,071
03-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,268	2,268
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.57	CFD	159,060	159,060
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.57	CFD	9,540	9,540
04-Oct-19	BlackRock Investment Management, LLC	on mkt buy	4.57	CFD	117,710	117,710
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	4,199	4,199
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	ORD	7,480	7,480
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD	-1,488	-1,488
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD	7,084	7,084
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	12,357	12,357
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	16,476	16,476
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	87,881	87,881
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	14,706	14,706
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	-6,368	-6,368
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD	-10,328	-10,328
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD	-1,188	-1,188
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD	1,420	1,420
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD	5,182	5,182
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD	259	259
07-Oct-19	BlackRock Fund Advisors	on mkt buy	4.57	ORD	32,041	32,041

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07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,340	16,340
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,242	21,242
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,865	29,865
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -39,996	-39,996
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 11,440	11,440
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -14,446	-14,446
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 80,092	80,092
08-Oct-19	BlackRock Fund Advisors	on mkt buy	4.54	ORD 594	594
08-Oct-19	BlackRock Fund Advisors	on mkt buy	4.54	ORD 12,065	12,065
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	CFD 186,760	186,760
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 3,177	3,177
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 132,744	132,744
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 65,351	65,351
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 19,945	19,945
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61	ORD 5,819	5,819
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,624	23,624
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,902	4,902
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	CFD 11,010	11,010
09-Oct-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.61	ORD -86,801	-86,801
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	CFD 183,620	183,620
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 440	440
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 120	120
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 103	103
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD -48,318	-48,318
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -11,130	-11,130
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -24,027	-24,027
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 3,187	3,187
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61	ORD 328	328
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,710	29,710
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 7,164	7,164
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 4,464	4,464
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -15,489	-15,489
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 8,416	8,416
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -15,282	-15,282
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 1,424	1,424
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -522	-522
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -1,527	-1,527
11-Oct-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.46	ORD 26,506	26,506
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,176	3,176
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -46,662	-46,662
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,440	10,440
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,440	10,440
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 20,880	20,880
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 44,320	44,320
14-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 2,848	2,848
14-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51	ORD 328	328
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,572	-12,572

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15-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,276 2,276
15-Oct-19	BlackRock Fund Advisors	on mkt buy	4.50	ORD 5,174 5,174
15-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -17,682 -17,682
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 2,396 2,396
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -1,780 -1,780
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -2,490 -2,490
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588 1,588
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.52	ORD 126,789 126,789
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.52	ORD -60,043 -60,043
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 563 563
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 113 113
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 96 96
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 8,346 8,346
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 3,540 3,540
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 2,115 2,115
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,770 1,770
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -39,277 -39,277
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD 759 759
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -5,453 -5,453
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,756 23,756
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,756 23,756
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,398 2,398
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 392 392
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,601 2,601
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 7,803 7,803
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 4,990 4,990
18-Oct-19	BlackRock Fund Advisors	on mkt buy	4.49	ORD 6,252 6,252
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49	ORD -5,109 -5,109
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 1,029 1,029
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 1,372 1,372
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 2,604 2,604
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 7,203 7,203
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD 16,590 16,590
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD 3,826 3,826
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 1,265 1,265
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -14,671 -14,671
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -15,715 -15,715
21-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.58	ORD -5,006 -5,006
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58	ORD -9,697 -9,697
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	ORD 656 656
21-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,764 23,764
21-Oct-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 8,945 8,945
22-Oct-19	BlackRock Fund Advisors	on mkt buy	4.53	ORD 6,791 6,791
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -1,208 -1,208
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -250 -250

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -245	-245
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	ORD -115,128	-115,128
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	CFD 89,060	89,060
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -7,809	-7,809
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 509	509
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 1,527	1,527
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -7,809	-7,809
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -5,640	-5,640
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -4,425	-4,425
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42	ORD 5,423	5,423
24-Oct-19	BlackRock Investment Management, LLC	on mkt buy	4.45	ORD 7,747	7,747
24-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.45	ORD 91,827	91,827
24-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	ORD -96,234	-96,234
24-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -5,222	-5,222
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -60,389	-60,389
25-Oct-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.44	ORD 22,105	22,105
25-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	CFD 87,086	87,086
25-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 8,346	8,346
25-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,494	2,494
25-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 77,326	77,326
28-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,282	2,282
29-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,144	1,144
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -107,118	-107,118
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD 1,518	1,518
30-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.43	ORD 174,361	174,361
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -117,257	-117,257
30-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 4,468	4,468
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -17,700	-17,700
30-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,808	23,808
31-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 7,778	7,778
31-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,876	6,876
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -16,465	-16,465
31-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	ORD 9,555	9,555
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 3,195	3,195
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 2,300	2,300
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -5,242	-5,242
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 59,250	59,250
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	ORD 9,588	9,588
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48	ORD -9,042	-9,042
31-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 23,720	23,720
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,462	3,462
01-Nov-19	BlackRock Fund Advisors	on mkt buy	4.48	ORD 765	765
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.50	ORD -5,092	-5,092

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01-Nov-19	BLACKROCK ADVISORS LLC	on mkt sell	4.50	ORD -14,347	-14,347
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	ORD -3,304	-3,304
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.50	ORD -1,071	-1,071
01-Nov-19	BlackRock Investment Management, LLC	on mkt sell	4.50	ORD -1,209	-1,209
01-Nov-19	BlackRock International Limited	on mkt buy	4.50	ORD 62	62
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -2,620	-2,620
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -5,240	-5,240
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -5,117	-5,117
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,845	6,845
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,004	21,004
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52	ORD 328	328
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52	ORD 1,518	1,518
04-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,502	10,502
04-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
04-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,170	8,170
05-Nov-19	BlackRock Fund Advisors	on mkt buy	4.53	ORD 927	927
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 12,546	12,546
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 688	688
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 2,408	2,408
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 887	887
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 261	261
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 265	265
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 783	783
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.47	ORD -62,459	-62,459
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 2,024	2,024
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 656	656
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 656	656
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 47,536	47,536
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD -88,361	-88,361
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 93,324	93,324
06-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -14,887	-14,887
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.40	ORD 218,861	218,861
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.39	ORD -1,494	-1,494
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.39	ORD -315	-315
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.39	ORD -312	-312
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 888	888
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.38	ORD -5,234	-5,234
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 3,552	3,552
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 1,765	1,765
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 17,183	17,183
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36	ORD 656	656
06-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 15,753	15,753
06-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,902	4,902
07-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	ORD -5,587	-5,587
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 22,686	22,686
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 34,375	34,375
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43	ORD 419	419

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07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43	ORD 100	100
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43	ORD 98	98
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 1,788	1,788
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -5,234	-5,234
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -7,851	-7,851
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 25,910	25,910
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 2,599	2,599
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -10,468	-10,468
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -4,469	-4,469
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,268	3,268
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,952	10,952
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD 25,092	25,092
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 2,429	2,429
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 259	259
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 353,444	353,444
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 27,380	27,380
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 176,722	176,722
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 79,992	79,992
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 66,660	66,660
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -76,533	-76,533
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -94,084	-94,084
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 45,969	45,969
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 8,508	8,508
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -2,884	-2,884
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,415	2,415
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,415	2,415
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 4,468	4,468
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -5,226	-5,226
11-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.44	ORD 1,273	1,273
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.44	ORD 506	506
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,902	4,902
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 33,330	33,330
12-Nov-19	BlackRock Fund Advisors	on mkt buy	4.46	ORD 90,772	90,772
12-Nov-19	BlackRock Fund Advisors	on mkt sell	4.45	ORD -171,712	-171,712
12-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -15,493	-15,493
12-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.45	ORD 4,123	4,123
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 49,284	49,284
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 37,797	37,797
13-Nov-19	BlackRock Fund Advisors	on mkt buy	4.40	ORD 51,750	51,750
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 20,715	20,715
13-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.45	ORD 7,721	7,721
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39	ORD 134	134
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39	ORD 29	29
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39	ORD 29	29
13-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	ORD -5,244	-5,244
13-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	ORD -2,364	-2,364
14-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.42	ORD 22,134	22,134
14-Nov-19	BlackRock Fund Advisors	on mkt buy	4.39	ORD 51,750	51,750
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 4,237	4,237



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14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 260	260
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -2,622	-2,622
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 1,518	1,518
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 328	328
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 5,218	5,218
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 41,279	41,279
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 88,361	88,361
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 9,804	9,804
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD -14,671	-14,671
14-Nov-19	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -7,126	-7,126
15-Nov-19	BlackRock Fund Advisors	on mkt buy	4.46 ORD 207,080	207,080
15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47 ORD 2,024	2,024
15-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 1,062	1,062
15-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45 ORD -5,262	-5,262
15-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 6,536	6,536
18-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 13,860	13,860
18-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -26,029	-26,029
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51 ORD 2,024	2,024
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 9,445	9,445
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 3,159	3,159
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 1,755	1,755
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 47,550	47,550
18-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 17,727	17,727
19-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 43,808	43,808
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45 CFD -6,020	-6,020
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 895	895
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 895	895
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45 ORD -5,240	-5,240
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45 ORD -37,387	-37,387
19-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.45 ORD 2,225	2,225
19-Nov-19	BlackRock Fund Advisors	on mkt buy	4.45 ORD 44,630	44,630
19-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45 ORD 5,440	5,440
19-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 41,587	41,587
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46 CFD -880	-880
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46 CFD -3,740	-3,740
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47 ORD 8,976	8,976
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45 ORD 2,024	2,024
20-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 3,184	3,184
20-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 141,876	141,876
20-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 8,170	8,170
21-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.47 ORD 22,132	22,132
21-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.49 ORD 11,798	11,798
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47 ORD 1,086	1,086
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46 ORD -12,260	-12,260
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47 ORD 214	214
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47 ORD 211	211

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 75,588	75,588
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	ORD 9,819	9,819
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 656	656
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 1,012	1,012
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,826	17,826
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 13,512	13,512
22-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.48	ORD 22,130	22,130
22-Nov-19	BlackRock Fund Advisors	on mkt buy	4.48	ORD 21,242	21,242
22-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48	ORD -4,867	-4,867
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,502	10,502
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,797	17,797
22-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 9,515	9,515
25-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD -15,660	-15,660
25-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,464	2,464
25-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD -88,361	-88,361
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -22,923	-22,923
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,380	1,380
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 10,398	10,398
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 55,696	55,696
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.55	ORD 4,253	4,253
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	ORD 33,554	33,554
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	ORD -106,484	-106,484
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 16,855	16,855
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.55	ORD 1,103	1,103
26-Nov-19	BlackRock Fund Advisors	on mkt sell	4.55	ORD -37,453	-37,453
26-Nov-19	BlackRock Fund Advisors	on mkt sell	4.55	ORD -34,885	-34,885
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 145,902	145,902
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -33,976	-33,976
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 278,017	278,017
26-Nov-19	BlackRock Fund Advisors	on mkt buy	4.55	ORD 48,386	48,386
26-Nov-19	BlackRock Fund Advisors	on mkt sell	4.55	ORD -75,052	-75,052
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 40,781	40,781
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 28,236	28,236
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 73,412	73,412
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	ORD -272,433	-272,433
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	ORD -62,550	-62,550
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 34,169	34,169
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	ORD -24,900	-24,900
26-Nov-19	BlackRock Investment Management, LLC	on mkt sell	4.55	ORD -6,730	-6,730
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 12,707	12,707
26-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 35,942	35,942
27-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.50	ORD 5,921	5,921

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
27-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 25,748	25,748
27-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 49,062	49,062
27-Nov-19	BlackRock Fund Advisors	on mkt buy	4.50	ORD 8,539	8,539
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 7,197	7,197
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 12,955	12,955
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 6,030	6,030
27-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 2,974	2,974
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 4,983	4,983
27-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.50	ORD 751	751
27-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.50	ORD 195	195
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 2,243	2,243
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 1,131	1,131
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 198	198
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 195	195
27-Nov-19	BlackRock Asset Management Canada Limited	on mkt sell	4.50	ORD -2,797	-2,797
27-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.50	ORD 2,427	2,427
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD -88,361	-88,361
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 47,640	47,640
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,904	21,904
28-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	ORD 24,736	24,736
28-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 37,786	37,786
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	ORD 2,024	2,024
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,196	1,196
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 708	708
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,425	1,425
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 4,156	4,156
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 10,285	10,285
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 66,364	66,364
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -66,364	-66,364
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 5,134	5,134
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 1,412	1,412
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 17,055	17,055
02-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 3,240	3,240
02-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -728,544	-728,544
03-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.50	ORD 6,717	6,717
03-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.50	ORD 9,099	9,099
03-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.48	ORD 93,627	93,627
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD 40,536	40,536
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD -176,722	-176,722
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 10,107	10,107
03-Dec-19	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -48,371	-48,371

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47 ORD 47,661	47,661
04-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 15,708	15,708
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46 ORD 253	253
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46 ORD -1,527	-1,527
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 37,788	37,788
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46 ORD -2,545	-2,545
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.46 ORD 35,900	35,900
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.46 ORD -113,364	-113,364
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46 ORD 1,518	1,518
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.50 ORD 11,489	11,489
05-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 37,534	37,534
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48 ORD 35,253	35,253
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48 ORD 7,185	7,185
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48 ORD 7,136	7,136
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 1,202	1,202
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 1,202	1,202
05-Dec-19	BlackRock Asset Management Canada Limited	on mkt sell	4.46 ORD -3,083	-3,083
05-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46 ORD 328	328
05-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 23,824	23,824
05-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 10,502	10,502
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43 ORD 26,763	26,763
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.43 ORD 4,201	4,201
06-Dec-19	BlackRock Fund Advisors	on mkt sell	4.43 ORD -3,750	-3,750
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43 ORD 1,012	1,012
06-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 157	157
06-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -18,080	-18,080
06-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 9,432	9,432
06-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 9,432	9,432
06-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 54,048	54,048
09-Dec-19	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -7,552	-7,552
09-Dec-19	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 7,552	7,552
09-Dec-19	BlackRock Asset Management Canada Limited	on mkt sell	4.45 ORD -3,033	-3,033
09-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.44 ORD 7,323	7,323
09-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 10,020	10,020
09-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40 ORD 2,530	2,530
09-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD -29,342	-29,342
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -462,363	-462,363
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.36 ORD -12,911	-12,911
10-Dec-19	BLACKROCK ADVISORS LLC	on mkt sell	4.36 ORD -20,879	-20,879
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.36 ORD -4,143	-4,143
10-Dec-19	BlackRock International Limited	on mkt sell	4.36 ORD -2,528	-2,528
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.36 ORD -8,028	-8,028
10-Dec-19	BlackRock Investment Management, LLC	on mkt sell	4.36 ORD -2,501	-2,501

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10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 3,036	3,036
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	ORD -37,785	-37,785
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.37	ORD 261	261
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.37	ORD 151,140	151,140
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.37	ORD 86,431	86,431
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 984	984
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.37	ORD -11,452	-11,452
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -1,882	-1,882
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 2,130	2,130
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 3,956	3,956
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 3,956	3,956
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 2,840	2,840
11-Dec-19	BlackRock Asset Management North Asia Limited	on mkt sell	4.33	ORD -76,349	-76,349
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -16,594	-16,594
11-Dec-19	BlackRock Asset Management North Asia Limited	in specie	n/a	ORD -9,283	-9,283
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.34	CFD -6,650	-6,650
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 13,712	13,712
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 37,506	37,506
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 84,342	84,342
12-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 3,289	3,289
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.29	CFD -6,390	-6,390
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.29	ORD 8,402	8,402
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.29	ORD -1,524	-1,524
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.29	ORD 3,894	3,894
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.29	ORD 3,540	3,540
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.29	ORD 2,716	2,716
13-Dec-19	BlackRock Asset Management Deutschland AG	on mkt sell	4.29	ORD -11,122	-11,122
13-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.28	ORD 656	656
13-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD -88,304	-88,304
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD -9,848	-9,848
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -7,901	-7,901
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -11,671	-11,671
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -4,555	-4,555
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -4,225	-4,225
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.25	ORD -6,530	-6,530
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -175	-175
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -2,015	-2,015
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.26	ORD 56	56
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,375	7,375
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
17-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.27	ORD 1,572	1,572
17-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -66,875	-66,875
17-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -98,787	-98,787
17-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -17,059	-17,059
17-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -38,555	-38,555
17-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -35,762	-35,762
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.25	ORD -55,268	-55,268
17-Dec-19	BlackRock Fund Advisors	on mkt sell	4.25	ORD -1,477	-1,477

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17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.26 ORD -32,196	-32,196
17-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD -11,979	-11,979
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 4,145	4,145
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 1,906	1,906
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 1,906	1,906
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 832	832
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.25 ORD -832	-832
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.25 ORD -3,973	-3,973
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 10,458	10,458
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 268	268
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.25 ORD 2,816	2,816
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.25 ORD 2,275	2,275
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.25 ORD 8,295	8,295
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.27 ORD 2,530	2,530
17-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 19,058	19,058
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.27 ORD -37,507	-37,507
18-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 20,636	20,636
18-Dec-19	BlackRock Asset Management North Asia Limited	on mkt sell	4.32 ORD -308,208	-308,208
18-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.32 ORD -205,653	-205,653
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 4,210	4,210
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 33,680	33,680
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -75,030	-75,030
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -5,165	-5,165
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 1,409	1,409
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 840	840
18-Dec-19	BlackRock Fund Advisors	on mkt buy	4.32 ORD 4,454	4,454
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 1,348	1,348
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 261	261
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 33,680	33,680
18-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 1,588	1,588
19-Dec-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.40 ORD 21,882	21,882
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 1,869	1,869
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 1,869	1,869
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -3,487	-3,487
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 1,016	1,016
19-Dec-19	BlackRock Japan Co., Ltd.	on mkt sell	4.40 ORD -4,799	-4,799
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 5,973	5,973
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 34,889	34,889
19-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 53,496	53,496
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -31,383	-31,383
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.44 ORD 51,606	51,606
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -36	-36
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -33	-33
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 8,424	8,424
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 1,412	1,412
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -2,118	-2,118
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 892	892
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 2,032	2,032
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 892	892
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -261	-261
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 3,048	3,048

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
20-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.41 ORD 52,559	52,559
20-Dec-19	BlackRock Fund Advisors	on mkt buy	4.41 ORD 607	607
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 16,842	16,842
20-Dec-19	BlackRock Fund Advisors	on mkt buy	4.41 ORD 46,640	46,640
20-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.41 ORD -13,542	-13,542
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 29,552	29,552
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 30,714	30,714
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 20,417	20,417
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 9,703	9,703
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 11,074	11,074
20-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD -28,816	-28,816
20-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 10,360	10,360
23-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD -13,365	-13,365
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 37,549	37,549
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 5,157	5,157
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -1,415	-1,415
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -58,140	-58,140
23-Dec-19	BlackRock Fund Advisors	on mkt buy	4.40 ORD 8,855	8,855
23-Dec-19	BlackRock Asset Management Canada Limited	on mkt sell	4.40 ORD -4,979	-4,979
23-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 6,947	6,947
23-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 30,390	30,390
23-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 3,970	3,970
23-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 67,030	67,030
24-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 31,372	31,372
24-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 31,590	31,590
24-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 1,415	1,415
24-Dec-19	BlackRock Fund Advisors	on mkt buy	4.45 ORD 1,087	1,087
24-Dec-19	BlackRock Asset Management North Asia Limited	on mkt sell	4.44 ORD -59,769	-59,769
24-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 506	506
24-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 53,624	53,624
24-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 53,624	53,624
24-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 10,360	10,360
24-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 10,360	10,360
27-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38 ORD 1,518	1,518
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.35 ORD 4,212	4,212
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.35 ORD 37,560	37,560
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.35 ORD 2,406	2,406
30-Dec-19	BlackRock Japan Co., Ltd.	on mkt sell	4.35 ORD -1,187	-1,187
30-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 1,757	1,757
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 1,203	1,203
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 3,552	3,552
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 11,695	11,695
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 2,082	2,082
31-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33 ORD -78,585	-78,585
31-Dec-19	BlackRock Fund Advisors	in specie	n/a ORD 80,436	80,436
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.31 ORD 2,277	2,277
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.31 ORD 506	506

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
03-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.39	ORD 21,889	21,889
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 2,499	2,499
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 1,020	1,020
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 5,153	5,153
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 1,204	1,204
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 4,212	4,212
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -1,879	-1,879
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -3,758	-3,758
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 1,301	1,301
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -889	-889
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 3,296	3,296
06-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 53,624	53,624
07-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 6,992	6,992
07-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,694	1,694
07-Jan-20	BlackRock Investment Management, LLC	on mkt sell	4.50	ORD -6,831	-6,831
07-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48	ORD -3,276	-3,276
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 147,466	147,466
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,063	9,063
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,063	9,063
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,084	12,084
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,852	7,852
08-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.53	ORD 43,772	43,772
08-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.46	ORD 15,382	15,382
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 6,602	6,602
08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	ORD -779	-779
08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	ORD -133	-133
08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	ORD -131	-131
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 75,112	75,112
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -37,556	-37,556
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 6,966	6,966
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,320	10,320
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,382	2,382
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,040	12,040
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 18,060	18,060
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 60,327	60,327
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 37,552	37,552
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,301	1,301
09-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56	ORD -3,276	-3,276
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 46,921	46,921
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 53,624	53,624
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 4,221	4,221
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -4,221	-4,221
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -37,548	-37,548
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -75,096	-75,096
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 1,307	1,307
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 1,307	1,307
13-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -6,816	-6,816
13-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD 11,891	11,891
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -33,768	-33,768
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,300	1,300
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 261	261
13-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,888	7,888
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 7,612	7,612
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,300	1,300



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14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,300	1,300
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 6,500	6,500
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -10,326	-10,326
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -2,550	-2,550
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 522	522
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 37,550	37,550
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 72,282	72,282
14-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 1,265	1,265
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,406	13,406
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 60,327	60,327
15-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.51	ORD 131,286	131,286
15-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 116,137	116,137
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -47,916	-47,916
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -7,938	-7,938
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 1,402	1,402
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 191	191
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 190	190
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52	ORD 4,807	4,807
15-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -37,551	-37,551
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,890	9,890
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 46,921	46,921
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -39,824	-39,824
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -36,499	-36,499
16-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.53	ORD 175,040	175,040
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,804	9,804
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 1,298	1,298
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 1,678	1,678
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -75,100	-75,100
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 1,059	1,059
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD 30,111	30,111
16-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	ORD 2,530	2,530
16-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -4,237	-4,237
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,192	6,192
17-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.54	ORD 109,400	109,400
17-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.54	ORD 153,160	153,160
17-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	ORD 5,997	5,997
17-Jan-20	BlackRock Fund Advisors	on mkt buy	4.54	ORD 87,738	87,738
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 3,612	3,612
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 2,478	2,478
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 34,490	34,490
17-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 53,624	53,624
17-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -171,286	-171,286
20-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.52	ORD 153,167	153,167
20-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.52	ORD -4,807	-4,807
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 193	193
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 774	774
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -3,972	-3,972

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 2,118	2,118
21-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	ORD -5,826	-5,826
21-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 471	471
21-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,940	9,940
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 14,304	14,304
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 431	431
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 131	131
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 130	130
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 5,060	5,060
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -38,318	-38,318
22-Jan-20	BlackRock Asset Management North Asia Limited	on mkt buy	4.60	ORD 49,145	49,145
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -15,834	-15,834
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 67,030	67,030
22-Jan-20	BlackRock (Netherlands) B.V.	in specie	n/a	ORD -20,120	-20,120
23-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 3,453	3,453
23-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 3,453	3,453
23-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 10,359	10,359
23-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 261	261
23-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 53,624	53,624
24-Jan-20	BlackRock Fund Advisors	on mkt buy	4.59	ORD 285,955	285,955
24-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.59	ORD 5,816	5,816
24-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD 2,471	2,471
24-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD 3,455	3,455
24-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58	ORD 2,530	2,530
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 40,590	40,590
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 47,355	47,355
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 67,650	67,650
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -4,496	-4,496
24-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -14,408	-14,408
27-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 1,297	1,297
27-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -7,854	-7,854
27-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -1,588	-1,588
27-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 361,150	361,150
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,160	12,160
28-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 5,188	5,188
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 17,541	17,541
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,440	16,440
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,388	23,388
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -12,344	-12,344
28-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD -8,928	-8,928
29-Jan-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.55	ORD -21,877	-21,877
29-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD 20,565	20,565
29-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -2,243	-2,243
29-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -462	-462
29-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -462	-462
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 4,211	4,211
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 12,633	12,633
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD -75,076	-75,076
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -1,841	-1,841
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 2,751	2,751

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29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 1,206	1,206
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -1,018	-1,018
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -2,036	-2,036
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 1,314	1,314
29-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 3,413	3,413
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53 ORD 328	328
29-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53 ORD 506	506
29-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 54,392	54,392
29-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 20,565	20,565
30-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.60 ORD -9,324	-9,324
30-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 20,565	20,565
30-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 15,972	15,972
30-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD -6,672	-6,672
30-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 84,240	84,240
30-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 873	873
30-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 6,826	6,826
30-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 20,478	20,478
30-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 3,413	3,413
30-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 37,017	37,017
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 4,195	4,195
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 9,812	9,812
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 32,161	32,161
31-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 13,764	13,764
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -187,705	-187,705
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -75,082	-75,082
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 833	833
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 3,955	3,955
31-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 786	786
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66 ORD 49,395	49,395
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -8,921	-8,921
31-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -7,207	-7,207
31-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 67,990	67,990
31-Jan-20	BlackRock Fund Advisors	in specie	n/a ORD 3,994	3,994
03-Feb-20	BlackRock Fund Advisors	in specie	n/a ORD 31,944	31,944
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 112,509	112,509
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 2,106	2,106
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 825	825
03-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 3,120	3,120
03-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63 ORD 1,518	1,518
03-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63 ORD 328	328
03-Feb-20	BlackRock Fund Advisors	in specie	n/a ORD 3,998	3,998
03-Feb-20	BlackRock Fund Advisors	in specie	n/a ORD 5,997	5,997
04-Feb-20	BlackRock Fund Advisors	in specie	n/a ORD 14,820	14,820
04-Feb-20	BlackRock Japan Co., Ltd.	on mkt buy	4.61 ORD 2,156	2,156
04-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.61 ORD 6,186	6,186
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -21,025	-21,025
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -5,077	-5,077
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61 ORD 1,314	1,314
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61 ORD 2,628	2,628
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -869	-869
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61 ORD 3,417	3,417

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD 3,417	3,417
04-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD 21,724	21,724
04-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -2,026	-2,026
04-Feb-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.61	ORD -110,462	-110,462
04-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD 2,277	2,277
04-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD 1,012	1,012
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,030	10,030
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,650	1,650
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 47,593	47,593
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,925	12,925
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 21,714	21,714
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 20,680	20,680
04-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,979	11,979
05-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 2,137	2,137
05-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 450	450
05-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 443	443
05-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 385	385
05-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 869	869
05-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 3,417	3,417
05-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 6,834	6,834
05-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -17,085	-17,085
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	ORD 328	328
05-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69	ORD -3,289	-3,289
05-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -173,572	-173,572
05-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -10,360	-10,360
05-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 67,990	67,990
06-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -67,990	-67,990
06-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 8,072	8,072
07-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 41,160	41,160
07-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.70	CFD 38,930	38,930
07-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -37,510	-37,510
07-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -37,511	-37,511
07-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -1,154	-1,154
07-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -2,540	-2,540
07-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 1,012	1,012
10-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 59,949	59,949
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,775	1,775
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -869	-869
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -3,940	-3,940
10-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,409	1,409
10-Feb-20	BlackRock Fund Advisors	on mkt sell	4.75	ORD -21,059	-21,059
10-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 2,277	2,277
10-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -86,786	-86,786
10-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -260,358	-260,358
10-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,475	2,475
11-Feb-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.82	ORD 21,874	21,874
11-Feb-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.82	ORD -153,118	-153,118
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 16,888	16,888
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 1,202	1,202

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11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 3,942	3,942
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 21,024	21,024
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -4,365	-4,365
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -15,820	-15,820
11-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 13,668	13,668
11-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -78,550	-78,550
11-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 47,593	47,593
11-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 40,794	40,794
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 17,528	17,528
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 17,836	17,836
12-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -1,256	-1,256
12-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -248	-248
12-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -248	-248
12-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	CFD 93,070	93,070
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD 1,202	1,202
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD 1,202	1,202
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -3,952	-3,952
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -6,836	-6,836
12-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD 524	524
12-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD 141,877	141,877
12-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 328	328
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -2,609	-2,609
12-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -86,786	-86,786
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 4,223	4,223
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 4,223	4,223
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -2,535	-2,535
13-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 3,915	3,915
13-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD 76,271	76,271
13-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -86,786	-86,786
13-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 40,794	40,794
13-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,396	23,396
13-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,396	23,396
13-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 61,191	61,191
14-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.77	CFD 46,440	46,440
14-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.77	ORD -2,028	-2,028
14-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 2,277	2,277
14-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,808	7,808
18-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,716	23,716
18-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 4,214	4,214
18-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 580	580
18-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -1,750	-1,750
18-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 67,990	67,990
19-Feb-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.78	ORD 21,893	21,893
19-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,385	6,385
19-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -25,035	-25,035
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 279	279
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 60	60
19-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 56	56

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19-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.78	ORD 11,795	11,795
19-Feb-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 29,523	29,523
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -37,539	-37,539
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -1,636	-1,636
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 19,760	19,760
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 3,417	3,417
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 6,834	6,834
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -10,500	-10,500
19-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -37,539	-37,539
19-Feb-20	BlackRock Fund Advisors	on mkt buy	4.78	ORD 35,304	35,304
19-Feb-20	BlackRock Investment Management, LLC	on mkt buy	4.79	ORD 5,160	5,160
19-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,650	1,650
20-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 4,677	4,677
20-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -15,455	-15,455
20-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,018	23,018
20-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 1,285	1,285
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 4,241	4,241
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -25,446	-25,446
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 1,299	1,299
20-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 6,836	6,836
20-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 81,720	81,720
21-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,716	23,716
21-Feb-20	BLACKROCK ADVISORS LLC	on mkt buy	4.83	ORD 7,202	7,202
21-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 9,565	9,565
21-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 24,541	24,541
21-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.83	ORD 17,777	17,777
21-Feb-20	BlackRock Asset Management Canada Limited	on mkt buy	4.83	ORD 7,574	7,574
21-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 13,823	13,823
21-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 20,362	20,362
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 2,598	2,598
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 3,419	3,419
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 6,838	6,838
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 8,825	8,825
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 6,838	6,838
21-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 2,598	2,598
21-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 328	328
21-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -2,277	-2,277
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -18,090	-18,090
24-Feb-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -64,203	-64,203
24-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -894	-894
24-Feb-20	BlackRock Asset Management Canada Limited	on mkt buy	4.74	ORD 21,749	21,749
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -86,786	-86,786
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -8,352	-8,352
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -3,327	-3,327
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -10,440	-10,440
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,635	-16,635
24-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 61,290	61,290
25-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 23,840	23,840
25-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD 51,982	51,982

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25-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 2,783	2,783
25-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.71	ORD 17,569	17,569
25-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	ORD 11,053	11,053
25-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.73	ORD -43,137	-43,137
25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -5,119	-5,119
25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -1,420	-1,420
25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -2,296	-2,296
25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -3,420	-3,420
25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -1,012	-1,012
25-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -52,170	-52,170
25-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 328	328
25-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,176	3,176
26-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,861	3,861
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 32,068	32,068
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 75,722	75,722
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -1,038	-1,038
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -182	-182
26-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -181	-181
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 2,530	2,530
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 37,570	37,570
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -3,550	-3,550
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -1,749	-1,749
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 1,322	1,322
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 882	882
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 3,420	3,420
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 6,840	6,840
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 12,361	12,361
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -1,012	-1,012
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -3,542	-3,542
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 1,844	1,844
26-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 1,715	1,715
26-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 2,277	2,277
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD 11,217	11,217
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -2,478	-2,478
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -1,322	-1,322
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -15,820	-15,820
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -2,340	-2,340
27-Feb-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 4,258	4,258
27-Feb-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 328	328
27-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,382	2,382
27-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -173,572	-173,572
28-Feb-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.54	ORD -43,890	-43,890
28-Feb-20	BlackRock Investment Management, LLC	on mkt buy	4.53	ORD 4,884	4,884
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.57	ORD 1,588	1,588
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 14,013	14,013
28-Feb-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.54	ORD 5,102	5,102

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28-Feb-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.54	ORD 2,464	2,464
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -4,222	-4,222
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -4,390	-4,390
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -878	-878
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -10,260	-10,260
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -1,512	-1,512
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -878	-878
28-Feb-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -6,840	-6,840
28-Feb-20	BlackRock International Limited	on mkt buy	4.54	ORD 18,050	18,050
28-Feb-20	BlackRock Investment Management, LLC	on mkt sell	4.54	ORD -11,993	-11,993
28-Feb-20	BlackRock Fund Advisors	on mkt sell	4.54	ORD -5,158	-5,158
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 9,531	9,531
28-Feb-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 2,041	2,041
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,176	3,176
28-Feb-20	BlackRock Fund Advisors	in specie	n/a	ORD -825	-825
02-Mar-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 24,041	24,041
02-Mar-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 115,181	115,181
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -35,640	-35,640
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -17,820	-17,820
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 28,816	28,816
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,280	7,280
02-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	ORD 64,312	64,312
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -8,462	-8,462
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -5,184	-5,184
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -3,966	-3,966
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -887	-887
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 3,419	3,419
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -17,095	-17,095
02-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -456	-456
02-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70	ORD -759	-759
02-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70	ORD -9,598	-9,598
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -27,240	-27,240
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 173,376	173,376
02-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,176	3,176
03-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 5,511	5,511
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,993	3,993
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -64,339	-64,339
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -29,245	-29,245
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -10,360	-10,360
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -8,498	-8,498
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -1,851	-1,851
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 4,121	4,121
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -6,866	-6,866
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 526	526
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -499	-499
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -895	-895
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 1,578	1,578
03-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 1,416	1,416
03-Mar-20	BlackRock Asset Management Canada Limited	on mkt buy	4.80	ORD 2,572	2,572
03-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -65,623	-65,623
03-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 284	284
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,146	7,146



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
03-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-260,064	-260,064
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-5,180	-5,180
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	11,979	11,979
04-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD	130,688	130,688
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD	-176	-176
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD	-43	-43
04-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD	-39	-39
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-450,732	-450,732
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD	1,310	1,310
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.77	ORD	-13,732	-13,732
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD	2,457	2,457
04-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD	1,755	1,755
04-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.77	ORD	-25,652	-25,652
04-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	284	284
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,475	2,475
04-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,475	2,475
05-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-28,816	-28,816
05-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-49,912	-49,912
05-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	5,172	5,172
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	4,267	4,267
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD	-300,304	-300,304
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	2,910	2,910
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	862	862
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	263	263
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	2,910	2,910
05-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	25,865	25,865
05-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD	17,204	17,204
05-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-10,360	-10,360
06-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	CFD	-14,596	-14,596
06-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	CFD	-312,790	-312,790
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-10,446	-10,446
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	3,897	3,897
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,598	2,598
06-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD	-1,487	-1,487
06-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD	-288	-288
06-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD	-285	-285
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.93	ORD	-1,168	-1,168
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.93	ORD	-1,310	-1,310
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD	3,952	3,952
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD	6,890	6,890
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD	10,335	10,335
06-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD	2,094	2,094
06-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD	93,740	93,740
06-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.93	ORD	10,894	10,894
06-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92	ORD	-2,530	-2,530
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-10,360	-10,360
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,475	2,475
06-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	54,480	54,480
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	27,951	27,951
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-28,816	-28,816

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09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-10,360	-10,360
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-15,543	-15,543
09-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	CFD	-255,970	-255,970
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-8,534	-8,534
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	75,046	75,046
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.77	ORD	-75,046	-75,046
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	349	349
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	878	878
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	3,433	3,433
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-1,812	-1,812
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	1,756	1,756
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	12,801	12,801
09-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	8,040	8,040
09-Mar-20	BLACKROCK ADVISORS LLC	on mkt sell	4.72	ORD	-124,631	-124,631
09-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD	284	284
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,475	2,475
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-10,360	-10,360
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-2,608	-2,608
09-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,382	2,382
10-Mar-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.75	ORD	21,930	21,930
10-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	9,615	9,615
10-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-5,847	-5,847
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD	5,479	5,479
10-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	CFD	-11,060	-11,060
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD	-16,951	-16,951
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-4,267	-4,267
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-581	-581
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	1,304	1,304
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-1,720	-1,720
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	502	502
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-1,004	-1,004
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	2,367	2,367
10-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	4,188	4,188
10-Mar-20	BlackRock Fund Advisors	on mkt buy	4.75	ORD	644	644
10-Mar-20	BlackRock Fund Advisors	on mkt sell	4.75	ORD	-4,497	-4,497
10-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD	852	852
10-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-10,322	-10,322
10-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	68,100	68,100
11-Mar-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.68	ORD	43,856	43,856
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	-12,430	-12,430
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	CFD	-7,880	-7,880
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	10,420	10,420
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD	7,815	7,815
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	ORD	23,776	23,776
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD	98,256	98,256
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD	1,966	1,966
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD	412	412
11-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD	409	409
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-4,285	-4,285
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-12,855	-12,855

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11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -112,146	-112,146
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 1,654	1,654
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -1,050	-1,050
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 1,298	1,298
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 1,298	1,298
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -4,355	-4,355
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 17,095	17,095
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -502	-502
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 1,298	1,298
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -2,008	-2,008
11-Mar-20	BlackRock Investment Management, LLC	on mkt buy	4.68	ORD 23,574	23,574
11-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -18,834	-18,834
11-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.68	ORD 30,012	30,012
11-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	4.68	ORD -1,135	-1,135
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD -1,518	-1,518
11-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61	ORD 44,615	44,615
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -173,204	-173,204
11-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -43,224	-43,224
12-Mar-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.36	ORD -43,860	-43,860
12-Mar-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.36	ORD 21,930	21,930
12-Mar-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.36	ORD 43,860	43,860
12-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -24,848	-24,848
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.39	CFD -150,690	-150,690
12-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38	CFD -6,450	-6,450
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.36	ORD -1,746	-1,746
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 3,421	3,421
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.36	ORD -3,421	-3,421
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 263	263
12-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.36	ORD -1,743	-1,743
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.30	ORD -14,168	-14,168
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.30	ORD 852	852
12-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.30	ORD 1,012	1,012
12-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -471	-471
12-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 779,418	779,418
12-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 825	825
13-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	CFD -186,230	-186,230
13-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.09	CFD -9,880	-9,880
13-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.09	CFD -59,420	-59,420
13-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.11	ORD 10,850	10,850
13-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.08	ORD -40,287	-40,287
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -28,816	-28,816
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -37,320	-37,320
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -18,660	-18,660
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,540	15,540
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,664	-21,664
13-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.10	ORD -8,478	-8,478
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD -8,586	-8,586

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13-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD -1,047	-1,047
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD -1,160	-1,160
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD -10,305	-10,305
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 1,048	1,048
13-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 1,882	1,882
13-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.10	ORD 98,874	98,874
13-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD 227,513	227,513
13-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35	ORD 759	759
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -42,792	-42,792
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -129,390	-129,390
13-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -34,050	-34,050
16-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,684	-11,684
16-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,624	15,624
16-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,812	7,812
16-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -17,526	-17,526
16-Mar-20	BlackRock Japan Co., Ltd.	on mkt buy	4.21	ORD 6,847	6,847
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD -12,960	-12,960
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD -3,762	-3,762
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD -1,187	-1,187
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 2,436	2,436
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 325	325
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.16	ORD 3,480	3,480
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 582	582
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD -1,164	-1,164
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD -1,712	-1,712
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.16	ORD -10,302	-10,302
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 1,715	1,715
16-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD 1,740	1,740
16-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.15	ORD -18,509	-18,509
16-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD 2,008	2,008
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 284	284
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 2,277	2,277
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 506	506
16-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.07	ORD -5,313	-5,313
17-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.19	ORD 26,026	26,026
17-Mar-20	BLACKROCK ADVISORS LLC	on mkt buy	4.19	ORD 95,182	95,182
17-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.19	ORD 18,721	18,721
17-Mar-20	BlackRock International Limited	on mkt buy	4.19	ORD 9,430	9,430
17-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.19	ORD 34,341	34,341
17-Mar-20	BlackRock Investment Management, LLC	on mkt buy	4.19	ORD 12,596	12,596
17-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -111,169	-111,169
17-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 14,630	14,630
17-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,650	6,650
17-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,650	6,650
17-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -9,937	-9,937
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.22	ORD -4,319	-4,319
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 224,346	224,346
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.22	ORD 37,391	37,391
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.22	ORD 2,560	2,560
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.22	ORD -294	-294
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.22	ORD -3,510	-3,510
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.22	ORD 2,464	2,464
17-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.22	ORD -1,170	-1,170

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17-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.22 ORD -3,447	-3,447
17-Mar-20	BLACKROCK ADVISORS LLC	on mkt sell	4.22 ORD -2,773	-2,773
17-Mar-20	BLACKROCK ADVISORS LLC	on mkt sell	4.22 ORD -99,532	-99,532
17-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23 ORD 2,277	2,277
17-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23 ORD 18,947	18,947
17-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -692,816	-692,816
17-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -40,860	-40,860
17-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -54,480	-54,480
17-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -4,470	-4,470
17-Mar-20	BlackRock (Netherlands) B.V.	in specie	n/a ORD -274,238	-274,238
18-Mar-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.14 ORD 21,850	21,850
18-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -66,927	-66,927
18-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -22,309	-22,309
18-Mar-20	BlackRock Fund Advisors	on mkt sell	4.34 ORD -2,596	-2,596
18-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.15 CFD -18,650	-18,650
18-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.15 CFD -58,290	-58,290
18-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.15 CFD -141,680	-141,680
18-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.15 CFD -223,040	-223,040
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.13 ORD 5,412	5,412
18-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14 ORD -1,666	-1,666
18-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14 ORD -340	-340
18-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14 ORD -340	-340
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.20 ORD 224,322	224,322
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -4,327	-4,327
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -1,883	-1,883
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -1,321	-1,321
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -3,436	-3,436
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.17 ORD -3,950	-3,950
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -3,433	-3,433
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -859	-859
18-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 199	199
18-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.14 ORD 5,488	5,488
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12 ORD 284	284
18-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12 ORD 1,012	1,012
18-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -785	-785
19-Mar-20	BlackRock Asset Management Deutschland AG	on mkt buy	3.91 ORD 65,556	65,556
19-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.00 CFD -49,340	-49,340
19-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.02 CFD -12,180	-12,180
19-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.02 CFD -218,080	-218,080
19-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.02 CFD -120,400	-120,400
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07 ORD 11,259	11,259
19-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -12,696	-12,696
19-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -37,422	-37,422
19-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD 15,540	15,540
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10 ORD 5,627	5,627
19-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.91 ORD 1,047	1,047
19-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.91 ORD -1,309	-1,309

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19-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.91	ORD -857	-857
19-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.91	ORD -3,428	-3,428
19-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD 526	526
19-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.91	ORD -24,645	-24,645
19-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91	ORD -5,041	-5,041
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 759	759
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 284	284
19-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD 1,753	1,753
19-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,800	6,800
19-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,264	6,264
19-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,495	5,495
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -25,036	-25,036
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,583	9,583
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,540	15,540
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,936	3,936
20-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.83	ORD -34,341	-34,341
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD 13,035	13,035
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -8,690	-8,690
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -1,884	-1,884
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 6,556	6,556
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 543	543
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 543	543
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 579	579
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -1,309	-1,309
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 3,964	3,964
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 458	458
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD 4,344	4,344
20-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD -78,067	-78,067
20-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	3.81	ORD -27,422	-27,422
20-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	3.81	ORD -3,890	-3,890
20-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.81	ORD -13,774	-13,774
20-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.81	ORD 22,952	22,952
20-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.81	ORD 45,508	45,508
20-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 1,771	1,771
20-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 506	506
20-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 1,753	1,753
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,660	13,660
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -3,970	-3,970
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -163,440	-163,440
20-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,583	9,583
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -25,092	-25,092
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 8,334	8,334
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 54,160	54,160
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 27,951	27,951
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 8,808	8,808
23-Mar-20	BlackRock Fund Advisors	on mkt sell	3.50	ORD -3,278	-3,278
23-Mar-20	BlackRock Asset Management North Asia Limited	on mkt sell	3.63	ORD -359,060	-359,060
23-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.67	CFD -406,976	-406,976

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
23-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -3,558	-3,558
23-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -700	-700
23-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.69	ORD -700	-700
23-Mar-20	BlackRock Investment Management, LLC	on mkt sell	3.67	CFD -122,660	-122,660
23-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.67	CFD -29,170	-29,170
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 4,354	4,354
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -1,199	-1,199
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 1,388	1,388
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 2,248	2,248
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 5,620	5,620
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 3,061	3,061
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -6,894	-6,894
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 1,380	1,380
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.74	ORD 8,708	8,708
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -3,794	-3,794
23-Mar-20	BlackRock Asset Management Deutschland AG	on mkt sell	3.74	ORD -10,283	-10,283
23-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.80	ORD -852	-852
23-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD 253	253
23-Mar-20	BlackRock Investment Management, LLC	on mkt buy	3.80	ORD 9,125	9,125
23-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.74	ORD -22,555	-22,555
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,855	9,855
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -18,819	-18,819
23-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,010	11,010
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -43,224	-43,224
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -37,632	-37,632
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -37,632	-37,632
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,853	13,853
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,248	16,248
24-Mar-20	BlackRock Investment Management, LLC	on mkt sell	3.87	CFD -289,950	-289,950
24-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD 15,772	15,772
24-Mar-20	BlackRock Japan Co., Ltd.	on mkt buy	3.87	ORD 10,986	10,986
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 2,885	2,885
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 3,061	3,061
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	3.86	ORD -3,461	-3,461
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 26,238	26,238
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 3,480	3,480
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 1,749	1,749
24-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.86	ORD 9,324	9,324
24-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.86	ORD 10,984	10,984
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.86	ORD -161,500	-161,500
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.87	ORD -4,957	-4,957
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.87	ORD -24,541	-24,541
24-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.87	ORD -13,823	-13,823
24-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	ORD 253	253
24-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.86	ORD 41,883	41,883
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -4,764	-4,764
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -163,440	-163,440
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,690	15,690
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,230	5,230

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,460 10,460
24-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,772 9,772
25-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 27,951 27,951
25-Mar-20	BlackRock Investment Management, LLC	on mkt buy	4.12	ORD 7,793 7,793
25-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	3.94	CFD -37,550 -37,550
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.98	ORD 46,332 46,332
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.94	ORD 926 926
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.94	ORD 223 223
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.94	ORD 224 224
25-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.05	ORD -26,636 -26,636
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.93	ORD -1,285 -1,285
25-Mar-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	3.90	ORD 19,245 19,245
25-Mar-20	BLACKROCK ADVISORS LLC	on mkt buy	3.90	ORD 37,503 37,503
25-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD 8,596 8,596
25-Mar-20	BlackRock International Limited	on mkt buy	3.90	ORD 9,043 9,043
25-Mar-20	BlackRock Investment Management, LLC	on mkt buy	3.90	ORD 13,433 13,433
25-Mar-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.00	ORD -316 -316
25-Mar-20	BlackRock Fund Advisors	on mkt sell	3.83	ORD -8,117 -8,117
25-Mar-20	BlackRock Fund Advisors	on mkt sell	3.83	ORD -817,866 -817,866
25-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 1,412 1,412
25-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD 5,830 5,830
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.97	ORD -568 -568
25-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD 253 253
25-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -259,461 -259,461
25-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -85,007 -85,007
25-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -98,085 -98,085
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -42,784 -42,784
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -6,408 -6,408
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -26,740 -26,740
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.09	ORD 38,454 38,454
26-Mar-20	BLACKROCK ADVISORS LLC	on mkt sell	4.09	ORD -7,202 -7,202
26-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.09	ORD -4,608 -4,608
26-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD 31,442 31,442
26-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 1,408 1,408
26-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 17,300 17,300
26-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 1,848 1,848
26-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 3,872 3,872
26-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 8,790 8,790
26-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 6,920 6,920
26-Mar-20	BlackRock Fund Advisors	on mkt buy	4.10	ORD 497 497
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -26,740 -26,740
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,230 5,230
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,555 5,555
26-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,460 10,460
27-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -25,028 -25,028
27-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -26,615 -26,615
27-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,791 7,791
27-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,972 15,972



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27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.17 ORD 24,000	24,000
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15 ORD 1,761	1,761
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15 ORD 467	467
27-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15 ORD 467	467
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 37,469	37,469
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 712	712
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 2,360	2,360
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 930	930
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 582	582
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 6,490	6,490
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 3,463	3,463
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 930	930
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.14 ORD 87,777	87,777
27-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.14 ORD -25,981	-25,981
27-Mar-20	BlackRock Fund Advisors	on mkt buy	4.14 ORD 478	478
27-Mar-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.14 ORD 41,403	41,403
27-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10 ORD 253	253
27-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -432,435	-432,435
27-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -58,851	-58,851
30-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -53,440	-53,440
30-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD 43,729	43,729
30-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -26,720	-26,720
30-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD 5,580	5,580
30-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -1,180	-1,180
30-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -10,389	-10,389
30-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -789	-789
30-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -13,074	-13,074
30-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.08 ORD 26,396	26,396
30-Mar-20	BlackRock Investment Management, LLC	on mkt sell	4.08 ORD -24,919	-24,919
30-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.19 ORD 1,012	1,012
30-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -85,007	-85,007
31-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD 9,955	9,955
31-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD 7,964	7,964
31-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD -25,760	-25,760
31-Mar-20	BlackRock Fund Advisors	in specie	n/a ORD 27,772	27,772
31-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	4.14 ORD -7,574	-7,574
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.12 ORD 87,972	87,972
31-Mar-20	BlackRock Fund Advisors	on mkt buy	4.12 ORD 565,392	565,392
31-Mar-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.12 ORD 36,056	36,056
31-Mar-20	BlackRock Fund Advisors	on mkt buy	4.12 ORD 920	920
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 4,375	4,375
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 1,406	1,406
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 3,905	3,905
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 851	851
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 6,924	6,924
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 6,588	6,588
31-Mar-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.09 ORD -16,299	-16,299
31-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	4.09 ORD -21,096	-21,096
31-Mar-20	BlackRock Asset Management Canada Limited	on mkt sell	4.09 ORD -3,374	-3,374
31-Mar-20	BlackRock Advisors (UK) Limited	on mkt sell	4.09 ORD -240,033	-240,033

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31-Mar-20	BlackRock Fund Advisors	on mkt sell	4.09	ORD -5,720	-5,720
31-Mar-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.09	ORD -32,439	-32,439
31-Mar-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.09	ORD -370,099	-370,099
31-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -18,777	-18,777
31-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,800	3,800
31-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -80,760	-80,760
31-Mar-20	BlackRock Fund Advisors	in specie	n/a	ORD -74,030	-74,030
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -14,408	-14,408
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -100,272	-100,272
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -63,588	-63,588
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -15,897	-15,897
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,264	11,264
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,040	7,040
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 40,260	40,260
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -921	-921
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -339	-339
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -337	-337
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.25	ORD 21,063	21,063
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 8,696	8,696
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.22	ORD 112,386	112,386
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.27	ORD -1,234	-1,234
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 3,477	3,477
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 6,954	6,954
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 2,450	2,450
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 3,477	3,477
01-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.27	ORD 11,322	11,322
01-Apr-20	BlackRock Fund Advisors	on mkt buy	4.27	ORD 100,956	100,956
01-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.27	ORD 8,485	8,485
01-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.33	ORD 7,042	7,042
01-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,280	2,280
02-Apr-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.25	ORD 43,602	43,602
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -12,456	-12,456
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -38,157	-38,157
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,804	-21,804
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -43,608	-43,608
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.25	ORD 22,466	22,466
02-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.24	ORD -135,514	-135,514
02-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.25	ORD 4,074	4,074
02-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 1,199	1,199
02-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 694	694
02-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 24,339	24,339
02-Apr-20	BlackRock Fund Advisors	on mkt buy	4.25	ORD 1,123	1,123
02-Apr-20	BlackRock Fund Advisors	on mkt buy	4.25	ORD 104,903	104,903
02-Apr-20	BlackRock Fund Advisors	on mkt buy	4.25	ORD 47,579	47,579
02-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.25	ORD -160,086	-160,086
02-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -94,920	-94,920
03-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -6,356	-6,356
03-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,540	15,540
03-Apr-20	BlackRock Fund Advisors	on mkt sell	4.26	ORD -450	-450
03-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.24	ORD 2,410	2,410
03-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.24	ORD 262	262

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03-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.24	ORD 36,629	36,629
03-Apr-20	BlackRock Fund Advisors	on mkt buy	4.24	ORD 3,815	3,815
03-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.24	ORD 38,085	38,085
03-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.24	ORD 149,836	149,836
03-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 2,783	2,783
03-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 506	506
03-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 42,545	42,545
03-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 173,150	173,150
03-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -1,588	-1,588
06-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -37,362	-37,362
06-Apr-20	BlackRock Investment Management, LLC	on mkt buy	4.23	ORD 8,027	8,027
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.28	ORD 10,440	10,440
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -21,655	-21,655
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.28	ORD 1,740	1,740
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -2,380	-2,380
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.28	ORD -2,365	-2,365
06-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.28	ORD 36,036	36,036
06-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.29	ORD 315	315
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.28	ORD 3,480	3,480
06-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.28	ORD 5,319	5,319
06-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,980	9,980
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,368	-21,368
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,368	-21,368
07-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.35	CFD -94,450	-94,450
07-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.35	CFD -24,330	-24,330
07-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.35	ORD -2,569	-2,569
07-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.37	ORD 3,201	3,201
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 37,528	37,528
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 199	199
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 1,910	1,910
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 1,194	1,194
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 568	568
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 940	940
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 3,468	3,468
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.30	ORD -8,676	-8,676
07-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 702	702
07-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.30	ORD 382,228	382,228
07-Apr-20	BlackRock Fund Advisors	on mkt buy	4.30	ORD 12,296	12,296
07-Apr-20	BlackRock Fund Advisors	on mkt buy	4.30	ORD 40,189	40,189
07-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD 2,530	2,530
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,280	2,280
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -61,146	-61,146
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,500	10,500
07-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,696	5,696
08-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -42,560	-42,560
08-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,280	-21,280
08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.34	ORD 575	575
08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.34	ORD 127	127

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08-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.34	ORD 117	117
08-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.37	ORD 11,340	11,340
08-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 2,800	2,800
08-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 2,800	2,800
08-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.40	ORD -15,681	-15,681
08-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.40	ORD 47,906	47,906
08-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.40	ORD -43,131	-43,131
08-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.37	ORD 2,268	2,268
08-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -47,558	-47,558
09-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -18,660	-18,660
09-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -27,430	-27,430
09-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,000	10,000
09-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,000	10,000
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 37,535	37,535
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 710	710
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 1,138	1,138
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 1,188	1,188
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 941	941
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 10,446	10,446
09-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.35	ORD 24,702	24,702
09-Apr-20	BlackRock Fund Advisors	on mkt buy	4.35	ORD 7,390	7,390
09-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 22,787	22,787
09-Apr-20	BlackRock Fund Advisors	on mkt buy	4.35	ORD 40,179	40,179
09-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35	ORD 1,260	1,260
09-Apr-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -89,236	-89,236
13-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -44,048	-44,048
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -62,284	-62,284
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,248	-16,248
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -64,992	-64,992
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -12,186	-12,186
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -18,666	-18,666
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 14,126	14,126
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 20,720	20,720
14-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.38	ORD 3,186	3,186
14-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.35	ORD -3,916	-3,916
14-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -68,080	-68,080
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48	ORD -2,106	-2,106
15-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	ORD 26,653	26,653
15-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	ORD 1,703	1,703
15-Apr-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.48	ORD 28,878	28,878
15-Apr-20	BlackRock Asset Management Canada Limited	on mkt buy	4.48	ORD 2,780	2,780
15-Apr-20	BlackRock Fund Advisors	on mkt buy	4.48	ORD 15,229	15,229
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -9,675	-9,675
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -12,464	-12,464
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -20,924	-20,924
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -26,155	-26,155
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -78,465	-78,465
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -23,120	-23,120

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15-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.33	ORD 3,074	3,074
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.33	ORD 1,548	1,548
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.33	ORD 301	301
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.33	ORD 296	296
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.30	ORD -37,679	-37,679
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 2,412	2,412
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 1,065	1,065
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 942	942
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 942	942
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 24,283	24,283
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 3,469	3,469
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.30	ORD -3,469	-3,469
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 2,840	2,840
15-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 3,469	3,469
15-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.30	ORD 120,987	120,987
15-Apr-20	BlackRock Asset Management Canada Limited	on mkt buy	4.30	ORD 1,238	1,238
15-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.30	ORD 24,433	24,433
15-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.28	ORD 1,700	1,700
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -61,272	-61,272
15-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,280	2,280
16-Apr-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.25	ORD 43,864	43,864
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -26,670	-26,670
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,100	-16,100
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,100	-16,100
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -33,850	-33,850
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,540	10,540
16-Apr-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.28	CFD -22,110	-22,110
16-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 5,264	5,264
16-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.27	ORD -14,145	-14,145
16-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.25	ORD -3,969	-3,969
16-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.25	ORD -20,832	-20,832
16-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.25	ORD 4,284	4,284
16-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.25	ORD 54,830	54,830
16-Apr-20	BlackRock Fund Advisors	on mkt sell	4.25	ORD -62,441	-62,441
16-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.25	ORD -86,419	-86,419
16-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.25	ORD -31,317	-31,317
16-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -47,656	-47,656
17-Apr-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.35	ORD 43,866	43,866
17-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,114	6,114
17-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -49,944	-49,944
17-Apr-20	BlackRock Fund Advisors	in specie	n/a	ORD -42,664	-42,664
17-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.35	ORD -59,850	-59,850
17-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.35	ORD 2,112	2,112
17-Apr-20	BlackRock Fund Advisors	on mkt buy	4.35	ORD 469	469
17-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.35	ORD 17,899	17,899
17-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39	ORD 630	630
17-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39	ORD 1,700	1,700

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17-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39 ORD 252	252
20-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -26,240	-26,240
20-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 7,905	7,905
20-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42 ORD 16,964	16,964
20-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 3,470	3,470
20-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 8,598	8,598
20-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40 ORD -15,395	-15,395
20-Apr-20	BlackRock Fund Advisors	on mkt buy	4.40 ORD 39,482	39,482
20-Apr-20	BlackRock Fund Advisors	on mkt buy	4.40 ORD 15,029	15,029
21-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -18,657	-18,657
21-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -20,992	-20,992
21-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 10,155	10,155
21-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -27,080	-27,080
21-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.41 ORD -5,436	-5,436
21-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40 ORD 6,282	6,282
21-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.28 ORD -3,968	-3,968
21-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.28 ORD -173,462	-173,462
21-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.28 ORD 153,031	153,031
21-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.25 ORD 2,268	2,268
21-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.25 ORD 252	252
22-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 10,230	10,230
22-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45 ORD -333	-333
22-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45 ORD -40	-40
22-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45 ORD -38	-38
22-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 3,470	3,470
22-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -6,940	-6,940
22-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 1,765	1,765
22-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -3,470	-3,470
22-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -2,335	-2,335
22-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.48 ORD -26,266	-26,266
22-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.48 ORD 45,386	45,386
22-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52 ORD 1,008	1,008
23-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -36,729	-36,729
23-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -36,729	-36,729
23-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -13,600	-13,600
23-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.38 ORD -1,794	-1,794
23-Apr-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.38 ORD -21,704	-21,704
23-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.38 ORD 157,138	157,138
23-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -4,764	-4,764
24-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -18,660	-18,660
24-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 10,205	10,205
24-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -29,295	-29,295
24-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -21,320	-21,320
24-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42 ORD 2,656	2,656
24-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.44 ORD -1,398	-1,398
24-Apr-20	BlackRock Asset Management Canada Limited	on mkt sell	4.44 ORD -2,269	-2,269

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24-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44 ORD 12,483	12,483
24-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44 ORD 3,438	3,438
24-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39 ORD 504	504
24-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -122,778	-122,778
27-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -37,576	-37,576
27-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -21,472	-21,472
27-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -21,236	-21,236
27-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 7,986	7,986
27-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42 ORD -10,200	-10,200
27-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -54,568	-54,568
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -21,736	-21,736
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 14,217	14,217
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 6,093	6,093
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 27,951	27,951
28-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.55 ORD 17,184	17,184
28-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.57 ORD 10,132	10,132
28-Apr-20	BlackRock Asset Management North Asia Limited	on mkt buy	4.58 ORD 97,766	97,766
28-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -1,188	-1,188
28-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -833	-833
28-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -1,864	-1,864
28-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 3,469	3,469
28-Apr-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -849	-849
28-Apr-20	BlackRock Asset Management Canada Limited	on mkt sell	4.62 ORD -19,258	-19,258
28-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62 ORD 129,508	129,508
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -129,599	-129,599
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -47,747	-47,747
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 13,225	13,225
28-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD 10,580	10,580
29-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -18,594	-18,594
29-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -10,360	-10,360
29-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -36,855	-36,855
29-Apr-20	BlackRock Fund Advisors	on mkt sell	4.60 ORD -33,768	-33,768
29-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61 ORD 1,236	1,236
29-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61 ORD 237	237
29-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61 ORD 234	234
29-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 315	315
29-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 504	504
29-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -30,181	-30,181
29-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -36,855	-36,855
30-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -12,394	-12,394
30-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -36,701	-36,701
30-Apr-20	BlackRock Fund Advisors	in specie	n/a ORD -20,972	-20,972
30-Apr-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 94,820	94,820
30-Apr-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -94,820	-94,820
30-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.59 ORD 7,511	7,511
30-Apr-20	BlackRock Asset Management North Asia Limited	on mkt buy	4.54 ORD 35,405	35,405

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
30-Apr-20	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 6,940	6,940
30-Apr-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.44	ORD 6,308	6,308
30-Apr-20	BlackRock Asset Management Canada Limited	on mkt buy	4.44	ORD 19,111	19,111
30-Apr-20	BlackRock Fund Advisors	on mkt buy	4.44	ORD 210,069	210,069
30-Apr-20	BlackRock Fund Advisors	on mkt sell	4.44	ORD -9,282	-9,282
30-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -3,345	-3,345
30-Apr-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -148,711	-148,711
30-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 756	756
30-Apr-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 504	504
01-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.35	ORD -5,403	-5,403
01-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD 2,016	2,016
01-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.32	ORD -14,194	-14,194
01-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -43,224	-43,224
04-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -64,152	-64,152
04-May-20	BlackRock Asset Management Canada Limited	on mkt buy	4.36	ORD 13,159	13,159
04-May-20	BlackRock Investment Management, LLC	on mkt buy	4.42	ORD 163,080	163,080
04-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 252	252
04-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -75,845	-75,845
05-May-20	BlackRock Asset Management North Asia Limited	on mkt buy	4.45	ORD 125,519	125,519
05-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD -1,503	-1,503
05-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD -31,365	-31,365
05-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.41	ORD -14,356	-14,356
05-May-20	BlackRock Fund Advisors	on mkt sell	4.41	ORD -38,633	-38,633
05-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.41	ORD -24,860	-24,860
05-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 12,013	12,013
06-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,580	10,580
06-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -7,854	-7,854
06-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -1,075	-1,075
06-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -216	-216
06-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -214	-214
06-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 75,356	75,356
06-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -848	-848
06-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -37,678	-37,678
06-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD 4,237	4,237
06-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 252	252
06-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -36,820	-36,820
06-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,040	-21,040
07-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,225	-16,225
07-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -15,714	-15,714
07-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -28,434	-28,434
07-May-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -3,780	-3,780
07-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -705	-705
07-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -611	-611



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
07-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49 ORD -262	-262
07-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49 ORD -4,998	-4,998
07-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49 ORD -1,419	-1,419
07-May-20	BlackRock Fund Advisors	on mkt buy	4.49 ORD 113,019	113,019
07-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46 ORD 252	252
07-May-20	BlackRock Fund Advisors	in specie	n/a ORD -2,007	-2,007
07-May-20	BlackRock Fund Advisors	in specie	n/a ORD 5,218	5,218
08-May-20	BlackRock Fund Advisors	in specie	n/a ORD -52,590	-52,590
08-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60 ORD -865	-865
08-May-20	BlackRock Fund Advisors	in specie	n/a ORD -75,845	-75,845
08-May-20	BlackRock Fund Advisors	in specie	n/a ORD -5,960	-5,960
11-May-20	BlackRock Fund Advisors	in specie	n/a ORD -5,411	-5,411
11-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 13,608	13,608
11-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 49,655	49,655
11-May-20	BlackRock Fund Advisors	on mkt buy	4.65 ORD 39,533	39,533
11-May-20	BlackRock Fund Advisors	on mkt buy	4.65 ORD 41,216	41,216
11-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65 ORD 152,623	152,623
11-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 2,772	2,772
11-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 504	504
12-May-20	BlackRock Fund Advisors	in specie	n/a ORD -10,652	-10,652
12-May-20	BlackRock Fund Advisors	in specie	n/a ORD -16,725	-16,725
12-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.64 ORD -8,085	-8,085
12-May-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67 ORD 4,246	4,246
12-May-20	BLACKROCK ADVISORS LLC	on mkt buy	4.67 ORD 26,357	26,357
12-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67 ORD 6,581	6,581
12-May-20	BlackRock International Limited	on mkt buy	4.67 ORD 2,788	2,788
12-May-20	BlackRock Investment Management, LLC	on mkt buy	4.67 ORD 2,287	2,287
12-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.67 ORD -4,234	-4,234
12-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -6,069	-6,069
12-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -852	-852
12-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 15,868	15,868
12-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 43,637	43,637
12-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 3,453	3,453
12-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 10,359	10,359
12-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -5,355	-5,355
12-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 3,967	3,967
12-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -8,568	-8,568
12-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69 ORD 2,268	2,268
12-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69 ORD 1,700	1,700
12-May-20	BlackRock Fund Advisors	in specie	n/a ORD -110,320	-110,320
13-May-20	BlackRock Fund Advisors	in specie	n/a ORD 27,951	27,951
13-May-20	BlackRock Fund Advisors	in specie	n/a ORD -25,028	-25,028
13-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.56 ORD -58,917	-58,917
13-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 ORD 2,565	2,565
13-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 ORD 561	561
13-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 ORD 557	557
13-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.57 ORD 23,293	23,293

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
13-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	ORD 26,269	26,269
13-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -75,354	-75,354
13-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -59,220	-59,220
13-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -1,906	-1,906
13-May-20	BlackRock Fund Advisors	on mkt buy	4.50	ORD 61,562	61,562
13-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -75,845	-75,845
14-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD 2,742	2,742
14-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD -113,016	-113,016
14-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD -1,911	-1,911
14-May-20	BlackRock Investment Management, LLC	on mkt buy	4.56	ORD 21,217	21,217
15-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -45,210	-45,210
15-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -1,416	-1,416
15-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -1,710	-1,710
15-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 6,910	6,910
15-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -855	-855
15-May-20	BlackRock Fund Advisors	on mkt sell	4.65	ORD -18,230	-18,230
15-May-20	BlackRock Fund Advisors	on mkt buy	4.65	ORD 36,926	36,926
15-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD -6,427	-6,427
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,311	-16,311
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,600	10,600
18-May-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.55	ORD 8,957	8,957
18-May-20	BLACKROCK ADVISORS LLC	on mkt buy	4.55	ORD 34,447	34,447
18-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 6,983	6,983
18-May-20	BlackRock International Limited	on mkt buy	4.55	ORD 3,586	3,586
18-May-20	BlackRock Investment Management, LLC	on mkt buy	4.55	ORD 4,852	4,852
18-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -2,142	-2,142
18-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 3,455	3,455
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -82,908	-82,908
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -96,726	-96,726
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 19,610	19,610
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,960	16,960
18-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,600	10,600
19-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,052	-21,052
19-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -1,575	-1,575
19-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD -9,868	-9,868
19-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -31,415	-31,415
19-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -1,907	-1,907
19-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 3,941	3,941
19-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 34,176	34,176
19-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.62	ORD -98,215	-98,215
19-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	ORD 756	756
19-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,007	2,007
19-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -338,541	-338,541
19-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -48,363	-48,363
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	ORD -924	-924
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	ORD -439	-439
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	ORD -63	-63
20-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	ORD 19,648	19,648
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	ORD -51	-51

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20-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -263	-263
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 33,566	33,566
20-May-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.54	ORD -7,251	-7,251
20-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 28,892	28,892
21-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,968	7,968
21-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -486	-486
21-May-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.45	ORD -24,879	-24,879
21-May-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.45	ORD -10,463	-10,463
21-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.45	ORD -7,070	-7,070
21-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -21,593	-21,593
21-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 2,906	2,906
21-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -9,864	-9,864
21-May-20	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -443,405	-443,405
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	ORD 383	383
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	ORD 90	90
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	ORD 69	69
22-May-20	BlackRock Fund Advisors	on mkt buy	4.52	ORD 122,193	122,193
22-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 29,197	29,197
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -6,645	-6,645
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 6,645	6,645
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 38,703	38,703
22-May-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -38,703	-38,703
25-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48	ORD -552	-552
26-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 31,950	31,950
26-May-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -126,363	-126,363
26-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 45,753	45,753
26-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 314	314
26-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 157	157
27-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,494	6,494
27-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -25,064	-25,064
27-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -36,428	-36,428
27-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 31,968	31,968
27-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 37,296	37,296
27-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51	ORD 455	455
27-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51	ORD 25	25
27-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -3,470	-3,470
27-May-20	BlackRock Japan Co., Ltd.	on mkt sell	4.49	ORD -32,565	-32,565
27-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 51,971	51,971
27-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -78,060	-78,060
28-May-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.43	ORD -43,892	-43,892

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28-May-20	BlackRock Fund Advisors	in specie	n/a	ORD -37,310 -37,310
28-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,002 16,002
28-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46	ORD -3,875 -3,875
28-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.46	ORD -120,854 -120,854
28-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.51	ORD -8,151 -8,151
28-May-20	BlackRock Investment Management, LLC	on mkt sell	4.52	ORD -7,887 -7,887
28-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 50,261 50,261
28-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 113,022 113,022
28-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.43	ORD 1,860 1,860
28-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -3,957 -3,957
28-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -13,876 -13,876
28-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.43	ORD 2,000 2,000
28-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -75,348 -75,348
28-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -3,469 -3,469
28-May-20	BlackRock Asset Management Canada Limited	on mkt sell	4.43	ORD -2,674 -2,674
28-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42	ORD 315 315
28-May-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42	ORD 2,268 2,268
29-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,040 9,040
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -1,050 -1,050
29-May-20	BlackRock Asset Management Canada Limited	on mkt sell	4.42	ORD -5,788 -5,788
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -33,733 -33,733
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -20,946 -20,946
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -187,594 -187,594
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -847,391 -847,391
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -23,361 -23,361
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -16,331 -16,331
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -19,450 -19,450
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -90,364 -90,364
29-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -79,561 -79,561
29-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -17,194 -17,194
29-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -39,307 -39,307
29-May-20	BlackRock Investment Management, LLC	on mkt sell	4.42	ORD -4,460 -4,460
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -3,610 -3,610
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -2,576 -2,576
29-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 17,986 17,986
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -37,682 -37,682
29-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 2,316 2,316
29-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 1,248 1,248
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -10,572 -10,572
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 21,300 21,300
29-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 2,496 2,496
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -7,048 -7,048
29-May-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 75,364 75,364
29-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 13,716 13,716
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 25,964 25,964

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29-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 22,428	22,428
29-May-20	BlackRock Asset Management Canada Limited	on mkt sell	4.42	ORD -1,503	-1,503
29-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 3,924	3,924
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -8,761	-8,761
29-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 4,163	4,163
29-May-20	BlackRock Fund Advisors	on mkt buy	4.42	ORD 59,957	59,957
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -5,440	-5,440
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -48,728	-48,728
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -220,117	-220,117
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -6,067	-6,067
29-May-20	BlackRock Fund Advisors	on mkt buy	4.42	ORD 26,418	26,418
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -4,241	-4,241
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -5,051	-5,051
29-May-20	BlackRock Fund Advisors	on mkt sell	4.42	ORD -668	-668
29-May-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -23,473	-23,473
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 11,591	11,591
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 9,792	9,792
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 54,612	54,612
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 53,466	53,466
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 5,839	5,839
29-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -20,667	-20,667
29-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -4,466	-4,466
29-May-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -10,211	-10,211
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 14,980	14,980
29-May-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 11,233	11,233
29-May-20	BlackRock Investment Management, LLC	on mkt sell	4.42	ORD -1,158	-1,158
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -937	-937
29-May-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 62,960	62,960
29-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 111,264	111,264
29-May-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,538	13,538
01-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 18,080	18,080
01-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 36,160	36,160
01-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,040	9,040
02-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43	ORD -4,295	-4,295
02-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,972	15,972
02-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 14,082	14,082
02-Jun-20	BlackRock Japan Co., Ltd.	on mkt buy	4.42	ORD 91,959	91,959
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -113,052	-113,052
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -12,741	-12,741
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -689	-689
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 3,573	3,573
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -2,076	-2,076
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -606	-606
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 2,436	2,436
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 1,588	1,588

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -10,563	-10,563
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -2,000	-2,000
02-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -7,440	-7,440
02-Jun-20	BlackRock Fund Advisors	on mkt buy	4.42	ORD 7,356	7,356
02-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 14,201	14,201
02-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 5,207	5,207
02-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -30,241	-30,241
02-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,856	1,856
03-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -5,316	-5,316
03-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 72,587	72,587
03-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -6,155	-6,155
03-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -1,210	-1,210
03-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -1,213	-1,213
03-Jun-20	BlackRock Japan Co., Ltd.	on mkt sell	4.47	ORD -7,092	-7,092
03-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 610	610
03-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -3,519	-3,519
03-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.45	ORD 10,343	10,343
03-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -1,831	-1,831
04-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -47,583	-47,583
04-Jun-20	BLACKROCK ADVISORS LLC	on mkt sell	4.46	ORD -16,061	-16,061
04-Jun-20	BlackRock Investment Management, LLC	on mkt sell	4.46	ORD -3,802	-3,802
04-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46	ORD -3,110	-3,110
04-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.46	ORD -5,131	-5,131
04-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.44	ORD 24,015	24,015
04-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 75,370	75,370
04-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -7,036	-7,036
04-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -10,554	-10,554
04-Jun-20	BlackRock Asset Management Canada Limited	on mkt sell	4.45	ORD -1,738	-1,738
05-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -56,130	-56,130
05-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,764	7,764
05-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.44	ORD 36,434	36,434
05-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.45	ORD 14,496	14,496
05-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 235	235
05-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 59	59
05-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 58	58
05-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 3,035	3,035
05-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 1,214	1,214
05-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 3,642	3,642
05-Jun-20	BlackRock Investment Management, LLC	on mkt buy	4.44	ORD 38,110	38,110
05-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 2,268	2,268
05-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,882	3,882
05-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,008	9,008
05-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,226	-11,226
05-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,646	11,646
08-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -22,436	-22,436

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08-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -8,736	-8,736
08-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 85,384	85,384
08-Jun-20	BlackRock Fund Advisors	on mkt buy	4.49	ORD 932	932
08-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -10,464	-10,464
08-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -6,976	-6,976
08-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -4,000	-4,000
08-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 3,666	3,666
08-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -2,500	-2,500
08-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 2,444	2,444
08-Jun-20	BlackRock Asset Management Canada Limited	on mkt sell	4.49	ORD -5,342	-5,342
08-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 170,768	170,768
09-Jun-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.39	ORD -65,868	-65,868
09-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 41,535	41,535
09-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 17,952	17,952
09-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 4,511	4,511
09-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.39	ORD -3,725	-3,725
09-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 8,512	8,512
09-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 1,833	1,833
09-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 3,500	3,500
09-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39	ORD 20,966	20,966
09-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36	ORD 1,008	1,008
09-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 85,384	85,384
10-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -32,472	-32,472
10-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,626	13,626
10-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.37	ORD -10,685	-10,685
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40	ORD -32	-32
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40	ORD -37	-37
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -1,904	-1,904
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -2,848	-2,848
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 1,224	1,224
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -3,511	-3,511
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -3,556	-3,556
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -3,096	-3,096
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -150,764	-150,764
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 68,248	68,248
10-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -50,697	-50,697
10-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -12,594	-12,594
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 18,028	18,028
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 22,535	22,535
11-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 874	874
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,014	9,014
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -14,118	-14,118
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -5,310	-5,310
11-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -10,620	-10,620
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -33,636	-33,636
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 18,036	18,036
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,018	9,018
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -170,500	-170,500
12-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.39	ORD -10,920	-10,920
12-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 120,933	120,933

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12-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 4,536	4,536
12-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.36	ORD -37,427	-37,427
12-Jun-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.33	ORD 1,812	1,812
12-Jun-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.33	ORD -34,942	-34,942
12-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 2,268	2,268
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -48,678	-48,678
12-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -794	-794
15-Jun-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 108,942	108,942
15-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36	ORD 105,465	105,465
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -1,099	-1,099
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -73,066	-73,066
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -104,157	-104,157
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -4,365	-4,365
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -24,567	-24,567
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -189,550	-189,550
15-Jun-20	BlackRock Fund Advisors	on mkt sell	4.34	ORD -26,336	-26,336
15-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.31	ORD -16,572	-16,572
15-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.31	ORD -3,496	-3,496
15-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.31	ORD -3,528	-3,528
15-Jun-20	BlackRock Japan Co., Ltd.	on mkt sell	4.31	ORD -2,368	-2,368
15-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.31	ORD -3,400	-3,400
15-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 254,379	254,379
15-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 157	157
16-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 6,888	6,888
16-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.34	ORD -3,366	-3,366
16-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 1,736	1,736
16-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 37,558	37,558
16-Jun-20	BlackRock Asset Management Canada Limited	on mkt sell	4.34	ORD -14,288	-14,288
16-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36	ORD 2,772	2,772
16-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,253	1,253
16-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,253	1,253
17-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD -28,622	-28,622
17-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51	ORD 10,607	10,607
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 680	680
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 185	185
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	ORD 181	181
17-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.57	ORD 1,700	1,700
17-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD 354	354
17-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD 1,386	1,386
17-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD 851	851
17-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58	ORD -3,513	-3,513
17-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58	ORD 26,323	26,323
17-Jun-20	BlackRock (Singapore) Limited	in specie	n/a	ORD -30,857	-30,857
18-Jun-20	BlackRock Fund Advisors	in specie	n/a	ORD 4,460	4,460
18-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 5,136	5,136



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18-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42 ORD -8,568	-8,568
18-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -514	-514
18-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 18,803	18,803
18-Jun-20	BlackRock Fund Advisors	on mkt buy	4.41 ORD 17,992	17,992
19-Jun-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.32 ORD -43,540	-43,540
19-Jun-20	BlackRock Fund Advisors	on mkt sell	4.32 ORD -271,780	-271,780
19-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -3,550,551	-3,550,551
19-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.43 ORD -34,077	-34,077
19-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 14,304	14,304
19-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 42,912	42,912
19-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -38,404	-38,404
19-Jun-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.32 ORD -2,613,879	-2,613,879
19-Jun-20	BlackRock Asset Management Canada Limited	on mkt buy	4.32 ORD 9,123	9,123
19-Jun-20	BlackRock Fund Advisors	on mkt buy	4.32 ORD 1,094,266	1,094,266
19-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.32 ORD -352,536	-352,536
19-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.32 ORD 4,301	4,301
19-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.32 ORD -17,246	-17,246
19-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.32 ORD -29,847	-29,847
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 12,529	12,529
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 32,664	32,664
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 32,129	32,129
19-Jun-20	BlackRock Investment Management, LLC	on mkt buy	4.36 ORD 6,309	6,309
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 41,658	41,658
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 7,445	7,445
19-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 10,335	10,335
22-Jun-20	BlackRock Fund Advisors	on mkt sell	4.40 ORD -1,800	-1,800
22-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -18,858	-18,858
22-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41 ORD 53,259	53,259
22-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.38 ORD -789	-789
22-Jun-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.38 ORD -7,547	-7,547
22-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38 ORD -111,435	-111,435
22-Jun-20	BlackRock Fund Advisors	in specie	n/a ORD 80,157	80,157
23-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.42 ORD -35,393	-35,393
23-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.44 ORD 14,196	14,196
23-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.43 ORD 85,176	85,176
23-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.44 ORD -1,354	-1,354
23-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.44 ORD -3,495	-3,495
23-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.44 ORD 27,056	27,056
23-Jun-20	BlackRock Investment Management, LLC	on mkt sell	4.44 ORD -9,611	-9,611
23-Jun-20	BlackRock Investment Management, LLC	on mkt buy	4.45 ORD 12,572	12,572
23-Jun-20	BlackRock Asset Management Canada Limited	in specie	n/a ORD 8,807	8,807
23-Jun-20	BlackRock Asset Management Canada Limited	in specie	n/a ORD -8,807	-8,807

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
24-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.50 ORD -49,262	-49,262
24-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 ORD 2,402	2,402
24-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 ORD 517	517
24-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 ORD 513	513
24-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54 ORD 92,079	92,079
24-Jun-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.57 ORD -993	-993
24-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -1,209	-1,209
24-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -1,428	-1,428
24-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -1,071	-1,071
24-Jun-20	BlackRock Fund Advisors	on mkt sell	4.57 ORD -7,039	-7,039
25-Jun-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.42 ORD 16,612	16,612
25-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -1,209	-1,209
25-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -605	-605
25-Jun-20	BlackRock Fund Advisors	in specie	n/a ORD -65,583	-65,583
26-Jun-20	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 24,404	24,404
26-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43 ORD -3,526	-3,526
26-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.43 ORD -3,476	-3,476
26-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -52,461	-52,461
26-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -51,351	-51,351
26-Jun-20	BlackRock Fund Advisors	in specie	n/a ORD 3,303	3,303
29-Jun-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.45 ORD -10,000	-10,000
29-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47 ORD 92,915	92,915
29-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -3,818	-3,818
29-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -1,856	-1,856
29-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -3,213	-3,213
29-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 42,144	42,144
29-Jun-20	BlackRock Fund Advisors	on mkt buy	4.48 ORD 9,349	9,349
30-Jun-20	BlackRock Fund Advisors	in specie	n/a ORD -10,600	-10,600
30-Jun-20	BlackRock Fund Advisors	in specie	n/a ORD 14,850	14,850
30-Jun-20	BlackRock Fund Advisors	in specie	n/a ORD 25,296	25,296
30-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 5,235	5,235
30-Jun-20	BlackRock Fund Advisors	on mkt buy	4.56 ORD 4,005	4,005
30-Jun-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.56 ORD 78,806	78,806
30-Jun-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 109,850	109,850
30-Jun-20	BlackRock Fund Advisors	on mkt buy	4.56 ORD 1,102,296	1,102,296
30-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -1,790	-1,790
30-Jun-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -3,060	-3,060
30-Jun-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -34,414	-34,414
30-Jun-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -5,826	-5,826
30-Jun-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -98,555	-98,555
30-Jun-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -11,860	-11,860
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47 ORD 993	993
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47 ORD 182	182

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	ORD 183	183
01-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -1,914	-1,914
01-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -4,284	-4,284
01-Jul-20	BlackRock Asset Management Canada Limited	on mkt sell	4.46	ORD -20,087	-20,087
01-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 2,710	2,710
01-Jul-20	BlackRock Investment Management, LLC	in specie	n/a	ORD -20,542	-20,542
02-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 3,800	3,800
02-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 608	608
02-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -1,710	-1,710
02-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 3,503	3,503
02-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -6,006	-6,006
02-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -82,356	-82,356
02-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,213	12,213
02-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -92,328	-92,328
03-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -5,250	-5,250
06-Jul-20	BlackRock Asset Management North Asia Limited	on mkt buy	4.56	ORD 33,048	33,048
07-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -69,246	-69,246
07-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.61	ORD -17,781	-17,781
07-Jul-20	BLACKROCK ADVISORS LLC	on mkt sell	4.61	ORD -43,359	-43,359
07-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -9,539	-9,539
07-Jul-20	BlackRock International Limited	on mkt sell	4.61	ORD -6,922	-6,922
07-Jul-20	BlackRock Investment Management, LLC	on mkt sell	4.61	ORD -8,195	-8,195
07-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61	ORD 15,442	15,442
07-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.58	ORD -4,384	-4,384
07-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.63	ORD -111,700	-111,700
07-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.64	ORD -17,732	-17,732
07-Jul-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -121,619	-121,619
08-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -38,470	-38,470
08-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,628	5,628
08-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,132	13,132
08-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,570	13,570
08-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD 2,484	2,484
08-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD 521	521
08-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD 520	520
08-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 8,638	8,638
08-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 8,638	8,638
08-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 846	846
08-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 3,494	3,494
08-Jul-20	BlackRock Asset Management Canada Limited	on mkt sell	4.68	ORD -4,540	-4,540
09-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -84,658	-84,658
09-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -84,658	-84,658
09-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -84,658	-84,658
09-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,388	15,388
09-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD 37,074	37,074
09-Jul-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.65	ORD -30,369	-30,369

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59 ORD -5,148	-5,148
09-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -5,036	-5,036
09-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61 ORD 3,025	3,025
09-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -1,718	-1,718
09-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -263	-263
09-Jul-20	BlackRock Fund Advisors	on mkt buy	4.61 ORD 2,711	2,711
09-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -92,335	-92,335
10-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -38,470	-38,470
10-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 5,661	5,661
10-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 13,570	13,570
10-Jul-20	BlackRock Fund Advisors	on mkt sell	4.66 ORD -2,332	-2,332
10-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -13,620	-13,620
10-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -5,434	-5,434
10-Jul-20	BlackRock Fund Advisors	on mkt buy	4.60 ORD 625	625
13-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70 ORD 3,500	3,500
13-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.70 ORD -520	-520
13-Jul-20	BlackRock Asset Management Canada Limited	on mkt sell	4.70 ORD -12,505	-12,505
14-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -76,940	-76,940
14-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -53,858	-53,858
14-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD 24,941	24,941
14-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78 ORD 861	861
14-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 8,406	8,406
14-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 1,050	1,050
15-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 7,568	7,568
15-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.77 ORD -5,138	-5,138
15-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD 3,150	3,150
15-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -169,220	-169,220
16-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 3,303	3,303
16-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79 ORD 4,090	4,090
16-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD 2,100	2,100
16-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81 ORD 861	861
17-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -4,470	-4,470
17-Jul-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -18,041	-18,041
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 1,158	1,158
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 280	280
17-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 281	281
17-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -13,599	-13,599
17-Jul-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.74 ORD -196,874	-196,874
17-Jul-20	BlackRock Investment Management, LLC	on mkt sell	4.74 ORD -34,540	-34,540
17-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74 ORD 263	263
17-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.74 ORD -3,418	-3,418
17-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74 ORD 2,412	2,412
17-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 9,470	9,470
20-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 9,909	9,909
20-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.76 ORD -1,371	-1,371
20-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.76 ORD -22,179	-22,179
20-Jul-20	BlackRock Fund Advisors	on mkt buy	4.76 ORD 434	434
20-Jul-20	BlackRock Fund Advisors	on mkt buy	4.76 ORD 31,963	31,963
20-Jul-20	BlackRock Asset Management Canada Limited	on mkt buy	4.76 ORD 15,097	15,097
21-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD 2,202	2,202
21-Jul-20	BlackRock Fund Advisors	in specie	n/a ORD -15,972	-15,972

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21-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD 18,617	18,617
21-Jul-20	BLACKROCK ADVISORS LLC	on mkt sell	4.83	ORD -81,019	-81,019
21-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -19,776	-19,776
21-Jul-20	BlackRock International Limited	on mkt sell	4.83	ORD -11,064	-11,064
21-Jul-20	BlackRock Investment Management, LLC	on mkt sell	4.83	ORD -12,788	-12,788
21-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 3,624	3,624
21-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 604	604
21-Jul-20	BlackRock Asset Management Canada Limited	on mkt sell	4.84	ORD -7,374	-7,374
21-Jul-20	BlackRock Fund Advisors	on mkt buy	4.84	ORD 6,070	6,070
21-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 5,450	5,450
21-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 2,251	2,251
22-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,016	-21,016
22-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 1,239	1,239
22-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 240	240
22-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 235	235
22-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -20,424	-20,424
22-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -29,620	-29,620
22-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 1,166	1,166
22-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -3,404	-3,404
23-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.87	ORD -12,609	-12,609
23-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.87	ORD -54,639	-54,639
23-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.87	ORD -5,010	-5,010
23-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 2,124	2,124
23-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 117,208	117,208
23-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD -32,645	-32,645
24-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	ORD 8,159	8,159
24-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 44,400	44,400
24-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 965	965
24-Jul-20	BlackRock Fund Advisors	on mkt buy	4.85	ORD 30,698	30,698
24-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 2,912	2,912
24-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -38,577	-38,577
27-Jul-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.87	ORD -7,250	-7,250
27-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 1,910	1,910
27-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 4,214	4,214
27-Jul-20	BlackRock Asset Management Canada Limited	on mkt sell	4.88	ORD -1,000	-1,000
27-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91	ORD -3,731	-3,731
28-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -53,858	-53,858
28-Jul-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.92	ORD -8,658	-8,658
28-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 386	386
28-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -24,882	-24,882
28-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 3,020	3,020
28-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -24,890	-24,890
29-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD 46,953	46,953
29-Jul-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -46,953	-46,953
29-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -53,858	-53,858

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29-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -7,450 -7,450
29-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,202 2,202
29-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,612 3,612
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 1,057 1,057
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 198 198
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 186 186
29-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85	ORD -10,248 -10,248
29-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 3,025 3,025
29-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85	ORD -54,358 -54,358
29-Jul-20	BlackRock Fund Advisors	on mkt buy	4.85	ORD 354 354
30-Jul-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -19,511 -19,511
30-Jul-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.92	ORD -6,760 -6,760
30-Jul-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.91	ORD -42,666 -42,666
30-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -3,443 -3,443
30-Jul-20	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -30,427 -30,427
30-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -20,921 -20,921
31-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD -53,858 -53,858
31-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,445 9,445
31-Jul-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,112 15,112
31-Jul-20	BLACKROCK ADVISORS LLC	on mkt sell	4.92	ORD -27,054 -27,054
31-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -4,232 -4,232
31-Jul-20	BlackRock International Limited	on mkt sell	4.92	ORD -2,038 -2,038
31-Jul-20	BlackRock Investment Management, LLC	on mkt sell	4.92	ORD -2,770 -2,770
31-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 98,762 98,762
31-Jul-20	BlackRock Fund Advisors	on mkt buy	4.93	ORD 2,204 2,204
31-Jul-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.93	ORD 29,106 29,106
31-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 35,345 35,345
31-Jul-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 11,234 11,234
31-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 33,616 33,616
31-Jul-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 2,130 2,130
31-Jul-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	ORD 14,819 14,819
03-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -15,591 -15,591
03-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 8,496 8,496
03-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92	ORD -40,411 -40,411
03-Aug-20	BlackRock Japan Co., Ltd.	on mkt sell	4.94	ORD -103,492 -103,492
03-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.94	ORD -3,443 -3,443
03-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,558 9,558
03-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,965 7,965
03-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,965 7,965
04-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD -497 -497
04-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.97	ORD -4,604 -4,604
04-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 12,609 12,609
04-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 339 339
04-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 1,068 1,068
04-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.98	ORD -6,932 -6,932
04-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD 147,245 147,245

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
04-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98 ORD 3,140	3,140
04-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.98 ORD 2,574	2,574
05-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 9,495	9,495
05-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 41,070	41,070
05-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 4,256	4,256
05-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD -61,552	-61,552
05-Aug-20	BlackRock Japan Co., Ltd.	on mkt sell	4.93 ORD -5,880	-5,880
05-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93 ORD -826	-826
05-Aug-20	BlackRock Japan Co., Ltd.	on mkt sell	4.93 ORD -4,972	-4,972
05-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97 ORD 833	833
05-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97 ORD 192	192
05-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97 ORD 186	186
05-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 353	353
05-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 582	582
06-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96 ORD -994	-994
06-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.96 ORD -3,520	-3,520
06-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.95 ORD -1,794	-1,794
06-Aug-20	BlackRock Asset Management Canada Limited	on mkt sell	4.98 ORD -3,461	-3,461
06-Aug-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.98 ORD 4,942	4,942
06-Aug-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.98 ORD 35,574	35,574
06-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 2,202	2,202
07-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 1,588	1,588
07-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 2,202	2,202
07-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96 ORD -502	-502
07-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.93 ORD -74,007	-74,007
07-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.91 ORD -5,033	-5,033
07-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90 ORD 8,460	8,460
07-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.90 ORD -3,437	-3,437
07-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.90 ORD -3,437	-3,437
07-Aug-20	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -4,145	-4,145
10-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 169,478	169,478
10-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93 ORD -1,150	-1,150
10-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.93 ORD 263	263
10-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94 ORD 858	858
10-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 6,396	6,396
11-Aug-20	BlackRock Fund Advisors	in specie	n/a ORD 84,739	84,739
11-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88 ORD -3,902	-3,902
11-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.88 ORD -5,306	-5,306
11-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85 ORD -8,442	-8,442
11-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 626	626
11-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 3,495	3,495
11-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85 ORD -3,464	-3,464
11-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85 ORD -31,176	-31,176
11-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85 ORD -3,464	-3,464

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11-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 10,485	10,485
11-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 93,770	93,770
11-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85	ORD -42,213	-42,213
11-Aug-20	BlackRock Investment Management, LLC	on mkt buy	4.90	ORD 12,412	12,412
12-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303	3,303
12-Aug-20	BlackRock Japan Co., Ltd.	on mkt sell	4.84	ORD -6,822	-6,822
12-Aug-20	BlackRock Japan Co., Ltd.	on mkt sell	4.84	ORD -8,884	-8,884
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -4,168	-4,168
12-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85	ORD -665	-665
12-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85	ORD -139	-139
12-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85	ORD -136	-136
12-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.84	ORD -1,216	-1,216
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -1,708	-1,708
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -3,418	-3,418
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -6,836	-6,836
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -27,344	-27,344
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -854	-854
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -3,418	-3,418
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 1,400	1,400
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 3,485	3,485
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -10,254	-10,254
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -460	-460
12-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -5,004	-5,004
12-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -4,004	-4,004
12-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -379	-379
12-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 22,048	22,048
12-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 15,960	15,960
13-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 169,478	169,478
13-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -13,488	-13,488
13-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 120,560	120,560
13-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,700	13,700
13-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -76,940	-76,940
13-Aug-20	BLACKROCK ADVISORS LLC	on mkt sell	4.92	ORD -139	-139
13-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -25	-25
13-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.92	ORD -204	-204
13-Aug-20	BlackRock International Limited	on mkt sell	4.92	ORD -26	-26
13-Aug-20	BlackRock Investment Management, LLC	on mkt sell	4.92	ORD -30	-30
13-Aug-20	BLACKROCK ADVISORS LLC	on mkt sell	4.89	ORD -25,857	-25,857
13-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.89	ORD -4,740	-4,740
13-Aug-20	BlackRock International Limited	on mkt sell	4.89	ORD -4,797	-4,797
13-Aug-20	BlackRock Investment Management, LLC	on mkt sell	4.89	ORD -5,583	-5,583
13-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.89	ORD -6,213	-6,213
13-Aug-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.90	ORD 27,466	27,466
13-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 36,113	36,113
14-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,688	7,688
14-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 40,740	40,740
14-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.92	ORD -6,888	-6,888
14-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -3,455	-3,455
14-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 254,217	254,217
17-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303	3,303



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
17-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 4,531 4,531
17-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.95	ORD -6,873 -6,873
18-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 4,404 4,404
18-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD -4,467 -4,467
18-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	5.01	ORD -6,818 -6,818
18-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 29,928 29,928
18-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00	ORD -18,447 -18,447
18-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 1,144 1,144
18-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -12,640 -12,640
19-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,595 9,595
19-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 4,660 4,660
19-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.99	ORD -2,623 -2,623
19-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99	ORD 1,116 1,116
19-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99	ORD 227 227
19-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99	ORD 234 234
19-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	ORD -47,751 -47,751
20-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,692 7,692
20-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,461 13,461
20-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.97	ORD -7,089 -7,089
20-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD 1,881 1,881
20-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD 263 263
20-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD 263 263
20-Aug-20	BlackRock Investment Management, LLC	on mkt sell	4.95	ORD -27,116 -27,116
21-Aug-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 35,345 35,345
21-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303 3,303
21-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.98	ORD -26,474 -26,474
21-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.98	ORD -12,746 -12,746
21-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.98	ORD -8,187 -8,187
21-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.98	ORD -23,287 -23,287
21-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.94	ORD -52,856 -52,856
21-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.98	ORD -5,046 -5,046
21-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.98	ORD -1,942 -1,942
24-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -3,455 -3,455
24-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 526 526
24-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -1,262 -1,262
24-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -3,455 -3,455
25-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303 3,303
25-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,505 5,505
25-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,202 2,202
25-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,580 13,580
25-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,646 11,646
25-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.99	ORD -4,916 -4,916
25-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.99	ORD -5,509 -5,509
25-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.99	ORD -3,538 -3,538

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25-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD -3,970	-3,970
25-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -1,322	-1,322
25-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -157	-157
25-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD 3,718	3,718
25-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00	ORD -42,999	-42,999
25-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00	ORD -5,130	-5,130
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 1,943	1,943
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -1,260	-1,260
26-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89	ORD -77,496	-77,496
26-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89	ORD -102,992	-102,992
26-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 680	680
26-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 137	137
26-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 134	134
26-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	ORD -42,594	-42,594
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 1,206	1,206
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 860	860
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85	ORD -3,467	-3,467
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 263	263
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 710	710
26-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.85	ORD -6,964	-6,964
26-Aug-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -26,326	-26,326
27-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -46,164	-46,164
27-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,594	3,594
27-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.87	ORD -6,033	-6,033
27-Aug-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.87	ORD -12,289	-12,289
27-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.87	ORD -7,893	-7,893
27-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD -4,872	-4,872
28-Aug-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	ORD -115,735	-115,735
28-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.88	ORD -7,233	-7,233
28-Aug-20	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD -21,285	-21,285
28-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 263	263
28-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,640	13,640
31-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -94,020	-94,020
31-Aug-20	BlackRock Fund Advisors	in specie	n/a	ORD -47,010	-47,010
31-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 23,095	23,095
31-Aug-20	BlackRock Asset Management Canada Limited	on mkt buy	4.84	ORD 98,924	98,924
31-Aug-20	BlackRock Investment Management, LLC	on mkt buy	4.84	ORD 8,987	8,987
31-Aug-20	BlackRock Fund Advisors	on mkt buy	4.84	ORD 3,033	3,033
31-Aug-20	BlackRock Fund Advisors	on mkt buy	4.84	ORD 30,427	30,427
31-Aug-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.84	ORD 32,772	32,772
31-Aug-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 48,867	48,867
31-Aug-20	BlackRock Fund Advisors	on mkt buy	4.84	ORD 371,843	371,843

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31-Aug-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.84	ORD 20,603	20,603
31-Aug-20	BlackRock Asset Management Canada Limited	on mkt sell	4.83	ORD -4,276	-4,276
31-Aug-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.83	ORD -1,112	-1,112
31-Aug-20	BlackRock Fund Advisors	on mkt sell	4.83	ORD -105,987	-105,987
31-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -21,147	-21,147
31-Aug-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -7,270	-7,270
01-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,596	-16,596
01-Sep-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.84	ORD -13,473	-13,473
01-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.84	ORD -8,654	-8,654
01-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.80	ORD -8,338	-8,338
02-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,296	16,296
02-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -31,340	-31,340
02-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -85,568	-85,568
02-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	ORD -248	-248
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 4,283	4,283
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 8,566	8,566
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -5,135	-5,135
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 351	351
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 857	857
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -3,409	-3,409
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -1,350	-1,350
02-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -3,409	-3,409
02-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,772	7,772
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,755	9,755
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,706	11,706
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -8,880	-8,880
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 794	794
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,588	1,588
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,202	2,202
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,440	16,440
03-Sep-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.85	ORD -15,211	-15,211
03-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.85	ORD -9,770	-9,770
03-Sep-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.85	ORD -43,611	-43,611
03-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -7,253	-7,253
03-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 21,510	21,510
03-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 263	263
03-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD -6,900	-6,900
03-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD -10,350	-10,350
03-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	ORD 13,522	13,522
03-Sep-20	BlackRock Fund Advisors	on mkt sell	4.86	ORD -2,664	-2,664
03-Sep-20	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 925	925
03-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -39,175	-39,175
03-Sep-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -8,012	-8,012
04-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303	3,303
04-Sep-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.83	ORD -8,429	-8,429

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04-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.83	ORD -10,229	-10,229
04-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -2,539	-2,539
04-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 341	341
04-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 394	394
04-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -849	-849
04-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -3,420	-3,420
04-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.81	ORD 14,043	14,043
04-Sep-20	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -16,544	-16,544
04-Sep-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 16,544	16,544
07-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -107,292	-107,292
07-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -136,736	-136,736
07-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	ORD 2,860	2,860
07-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 12,963	12,963
08-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,440	16,440
08-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.85	ORD -5,209	-5,209
08-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 20,878	20,878
08-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 1,200	1,200
08-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -6,784	-6,784
08-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 263	263
08-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 1,430	1,430
08-Sep-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 22,582	22,582
09-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -3,419	-3,419
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -82,764	-82,764
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -165,528	-165,528
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 4,700	4,700
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -31,340	-31,340
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,382	2,382
09-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -56,742	-56,742
09-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	ORD 813	813
09-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -933	-933
09-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -204	-204
09-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -199	-199
09-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -3,160	-3,160
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -82,764	-82,764
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303	3,303
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 14,450	14,450
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,780	5,780
09-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 10,404	10,404
09-Sep-20	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -11,682	-11,682
10-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -38,766	-38,766
10-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.80	ORD -3,933	-3,933
10-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -4,305	-4,305
10-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -3,433	-3,433
10-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -61,442	-61,442
10-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 16,440	16,440
10-Sep-20	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -22,742	-22,742
11-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,608	-16,608

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
11-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -22,120	-22,120
11-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 21,549	21,549
11-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -3,773	-3,773
11-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 68,144	68,144
11-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD 193	193
11-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD 263	263
11-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.77	ORD -8,335	-8,335
11-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 1,144	1,144
11-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 2,574	2,574
11-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -82,764	-82,764
14-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -27,685	-27,685
14-Sep-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.77	ORD -12,672	-12,672
14-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 572	572
15-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -47,010	-47,010
15-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,068	-11,068
15-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -33,204	-33,204
15-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD 1,144	1,144
16-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 6,160	6,160
16-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 1,353	1,353
16-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 244	244
16-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 239	239
16-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -58,586	-58,586
16-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -46,625	-46,625
16-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 2,094	2,094
16-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -10,883	-10,883
17-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 3,303	3,303
17-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,832	13,832
17-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 4,680	4,680
17-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70	ORD -17,221	-17,221
17-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD -30,466	-30,466
17-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 351	351
17-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 1,714	1,714
17-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 790	790
17-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 22,942	22,942
17-Sep-20	BlackRock Fund Advisors	on mkt buy	4.69	ORD 5,372	5,372
17-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.69	ORD -26,042	-26,042
17-Sep-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 2,751	2,751
18-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,585	9,585
18-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,080	-11,080
18-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 28,622	28,622
18-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD 13,420	13,420
18-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD -17,425	-17,425
18-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD -1,884	-1,884
18-Sep-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.57	ORD 7,752	7,752
18-Sep-20	BlackRock Fund Advisors	on mkt sell	4.57	ORD -32,068	-32,068
18-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57	ORD -3,921	-3,921

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.57 ORD 1,582	1,582
18-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.58 ORD -3,400	-3,400
21-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -39,175	-39,175
21-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 1,588	1,588
21-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -12,660	-12,660
21-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59 ORD 95,810	95,810
21-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59 ORD 1,430	1,430
22-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -3,528	-3,528
22-Sep-20	BlackRock Asset Management Canada Limited	on mkt buy	4.55 ORD 2,589	2,589
22-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -39,935	-39,935
22-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -5,615	-5,615
23-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -38,915	-38,915
23-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59 ORD -19,602	-19,602
23-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59 ORD 360	360
23-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59 ORD 60	60
23-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59 ORD 58	58
23-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 2,457	2,457
23-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 23,975	23,975
23-Sep-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.65 ORD 152,747	152,747
23-Sep-20	BlackRock Fund Advisors	on mkt sell	4.65 ORD -2,868	-2,868
23-Sep-20	BlackRock Fund Advisors	on mkt sell	4.65 ORD -135,298	-135,298
23-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.65 ORD -50,802	-50,802
24-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 9,620	9,620
24-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 1,056	1,056
24-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 1,671	1,671
24-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 2,574	2,574
24-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 31,234	31,234
25-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 7,716	7,716
25-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -15,800	-15,800
25-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -20,496	-20,496
25-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 15,288	15,288
25-Sep-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 2,002	2,002
25-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ORD -3,798	-3,798
25-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ORD -3,446	-3,446
25-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ORD -6,892	-6,892
25-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.67 ORD 24,497	24,497
28-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 2,506	2,506
28-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD -8,990	-8,990
28-Sep-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.68 ORD -154,215	-154,215
28-Sep-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.69 ORD -314,624	-314,624
28-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68 ORD -6,918	-6,918
28-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68 ORD -60,510	-60,510
28-Sep-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.68 ORD -54,437	-54,437
28-Sep-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.69 ORD -81,559	-81,559
29-Sep-20	BlackRock Fund Advisors	in specie	n/a ORD 14,311	14,311

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29-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD	-16,644	-16,644
29-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD	13,057	13,057
29-Sep-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.66	ORD	-159,459	-159,459
29-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	CFD	3,041	3,041
29-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD	-1,893	-1,893
29-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD	-3,486	-3,486
29-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD	-3,786	-3,786
29-Sep-20	BlackRock Fund Advisors	on mkt buy	4.63	ORD	3,432	3,432
30-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD	5,505	5,505
30-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD	9,660	9,660
30-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD	9,506	9,506
30-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD	1,342	1,342
30-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD	263	263
30-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD	260	260
30-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	197	197
30-Sep-20	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD	-25,141	-25,141
30-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD	87,294	87,294
30-Sep-20	BlackRock Fund Advisors	on mkt buy	4.70	ORD	4,626	4,626
30-Sep-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.70	ORD	49,922	49,922
30-Sep-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	73,042	73,042
30-Sep-20	BlackRock Fund Advisors	on mkt buy	4.70	ORD	471,251	471,251
30-Sep-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.70	ORD	-35,455	-35,455
30-Sep-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD	-40,719	-40,719
30-Sep-20	BlackRock Fund Advisors	in specie	n/a	ORD	8,730	8,730
01-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD	9,456	9,456
01-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD	4,594	4,594
01-Oct-20	BlackRock Fund Advisors	on mkt buy	4.66	ORD	245	245
01-Oct-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.66	ORD	2,627	2,627
01-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD	3,844	3,844
01-Oct-20	BlackRock Fund Advisors	on mkt buy	4.66	ORD	24,802	24,802
01-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD	-181,476	-181,476
01-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD	-2,288	-2,288
01-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-3,168	-3,168
01-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD	822	822
01-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD	263	263
01-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD	7,566	7,566
01-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD	11,622	11,622
02-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.64	ORD	-60,637	-60,637
02-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD	1,739	1,739
02-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.66	ORD	-675	-675
02-Oct-20	BlackRock Fund Advisors	on mkt buy	4.66	ORD	3,306	3,306
02-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD	2,574	2,574
05-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	ORD	60,308	60,308
05-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	ORD	4,415	4,415
05-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD	21,085	21,085
05-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD	2,382	2,382

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05-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.63	ORD -23,868	-23,868
05-Oct-20	BlackRock Fund Advisors	on mkt buy	4.63	ORD 32,369	32,369
05-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 9,724	9,724
05-Oct-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 17,870	17,870
06-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -27,745	-27,745
06-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -26,460	-26,460
06-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,705	9,705
06-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,646	11,646
06-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61	ORD -12,678	-12,678
06-Oct-20	BlackRock Investment Management, LLC	on mkt sell	4.61	ORD -32,360	-32,360
06-Oct-20	BlackRock Fund Advisors	on mkt buy	4.61	ORD 478	478
06-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 6,169	6,169
06-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 1,739	1,739
06-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	ORD 10,868	10,868
07-Oct-20	BlackRock Fund Advisors	on mkt buy	4.61	ORD 8,479	8,479
07-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 485	485
07-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 105	105
07-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 108	108
07-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 1,144	1,144
07-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	ORD 14,329	14,329
07-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	ORD 4,339	4,339
07-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD -20,957	-20,957
07-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 2,697	2,697
07-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 263	263
08-Oct-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.69	ORD 9,112	9,112
08-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 83,176	83,176
08-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,820	7,820
08-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,506	2,506
08-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -21,164	-21,164
08-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69	ORD -12,678	-12,678
08-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69	ORD -6,864	-6,864
08-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 83,176	83,176
09-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,090	-11,090
09-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -52,280	-52,280
09-Oct-20	BlackRock Fund Advisors	on mkt buy	4.70	ORD 496	496
09-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 17,754	17,754
12-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -30,852	-30,852
12-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD 27,456	27,456
12-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.72	ORD 1,041	1,041
12-Oct-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.72	ORD 11,071	11,071
12-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD 1,144	1,144
12-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD -34,760	-34,760
13-Oct-20	BlackRock Fund Advisors	in specie	n/a	ORD 7,836	7,836
13-Oct-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.68	ORD -17,995	-17,995
13-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD -6,946	-6,946



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13-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.67 ORD 10,780	10,780
13-Oct-20	BlackRock Fund Advisors	on mkt buy	4.67 ORD 13,914	13,914
13-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67 ORD 6,635	6,635
14-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -36,729	-36,729
14-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 83,251	83,251
14-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 5,889	5,889
14-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70 ORD -718	-718
14-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70 ORD -159	-159
14-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70 ORD -153	-153
14-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.70 ORD 2,734	2,734
14-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70 ORD 8,378	8,378
14-Oct-20	BlackRock Fund Advisors	on mkt buy	4.70 ORD 3,912	3,912
14-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -29,056	-29,056
15-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 83,251	83,251
15-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -15,612	-15,612
15-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 3,552	3,552
15-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.70 ORD -3,458	-3,458
15-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.70 ORD -6,833	-6,833
15-Oct-20	BlackRock Advisors (UK) Limited	in specie	n/a ORD -29,200	-29,200
15-Oct-20	BlackRock Advisors (UK) Limited	in specie	n/a ORD 29,200	29,200
16-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -23,958	-23,958
16-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 2,506	2,506
16-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 1,858	1,858
16-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 381	381
16-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 376	376
16-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.71 ORD -8,416	-8,416
16-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.71 ORD -3,458	-3,458
16-Oct-20	BlackRock Fund Advisors	on mkt buy	4.71 ORD 36,000	36,000
16-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -55,630	-55,630
16-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 14,534	14,534
19-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 7,868	7,868
19-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 11,802	11,802
19-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 163,402	163,402
19-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.70 ORD -1,830	-1,830
19-Oct-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -66,472	-66,472
20-Oct-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.73 ORD -17,673	-17,673
20-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69 ORD 2,002	2,002
20-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -12,764	-12,764
20-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -11,120	-11,120
20-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 1,253	1,253
20-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 13,548	13,548
20-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 5,970	5,970
20-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.69 ORD -73,923	-73,923
20-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69 ORD 2,248	2,248
20-Oct-20	BlackRock Fund Advisors	on mkt buy	4.69 ORD 4,934	4,934
20-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69 ORD 11,566	11,566

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
20-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69 ORD 3,048	3,048
20-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -16,680	-16,680
21-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -11,118	-11,118
21-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 11,862	11,862
21-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -13,828	-13,828
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.67 ORD 2,628	2,628
21-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -163,277	-163,277
21-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -17,285	-17,285
21-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 526	526
21-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -1,220	-1,220
21-Oct-20	BlackRock Fund Advisors	on mkt buy	4.66 ORD 32,116	32,116
21-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -83,235	-83,235
22-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -3,993	-3,993
22-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61 CFD 2,290	2,290
22-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -16,864	-16,864
22-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -1,182	-1,182
22-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -3,030	-3,030
22-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -1,212	-1,212
23-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -14,528	-14,528
23-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -68,534	-68,534
23-Oct-20	BlackRock Investment Management, LLC	on mkt sell	4.62 ORD -15,054	-15,054
23-Oct-20	BlackRock Fund Advisors	on mkt buy	4.62 ORD 60,201	60,201
26-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 4,404	4,404
26-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -20,668	-20,668
26-Oct-20	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -8,333	-8,333
27-Oct-20	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD -40,257	-40,257
27-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -13,593	-13,593
27-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -9,558	-9,558
27-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -79,760	-79,760
27-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 2,202	2,202
27-Oct-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.59 ORD 9,168	9,168
27-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.59 ORD -3,481	-3,481
27-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.59 ORD 579	579
27-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.59 ORD 1,930	1,930
27-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59 ORD -22,690	-22,690
27-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61 ORD -10,542	-10,542
27-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 1,101	1,101
27-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -27,186	-27,186
28-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -27,951	-27,951
28-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -16,668	-16,668
28-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60 ORD 411	411
28-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60 ORD 32	32
28-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60 ORD 38	38
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -16,756	-16,756
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -12,567	-12,567
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 11,418	11,418
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 3,612	3,612
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -1,428	-1,428
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -1,842	-1,842
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -3,424	-3,424
28-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -1,238	-1,238

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
28-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57 ORD -7,436	-7,436
29-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -79,760	-79,760
29-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 3,303	3,303
29-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56 ORD 6,267	6,267
29-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -1,582	-1,582
29-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -2,824	-2,824
30-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -11,108	-11,108
30-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD -14,220	-14,220
30-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	4.49 ORD 10,230	10,230
30-Oct-20	BlackRock Fund Advisors	on mkt buy	4.49 ORD 372	372
30-Oct-20	BlackRock Fund Advisors	on mkt sell	4.49 ORD -99,364	-99,364
30-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49 ORD -81,778	-81,778
30-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49 ORD -16,991	-16,991
30-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47 ORD 2,002	2,002
30-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 51,604	51,604
30-Oct-20	BlackRock Fund Advisors	in specie	n/a ORD 9,915	9,915
02-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -11,112	-11,112
02-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 84,457	84,457
02-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -55,832	-55,832
02-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 3,303	3,303
02-Nov-20	BlackRock Fund Advisors	on mkt sell	4.49 ORD -34,083	-34,083
02-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -2,112	-2,112
02-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -2,392	-2,392
02-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52 ORD -2,573	-2,573
03-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -8,432	-8,432
03-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 19,972	19,972
03-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -586	-586
03-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 791	791
03-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 3,482	3,482
03-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.58 ORD -6,585	-6,585
03-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -71,784	-71,784
03-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -11,112	-11,112
04-Nov-20	BlackRock Fund Advisors	on mkt sell	4.61 ORD -2,734	-2,734
04-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -11,110	-11,110
04-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 7,680	7,680
04-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58 ORD 103,856	103,856
04-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.59 ORD 471	471
04-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.59 ORD 10,260	10,260
04-Nov-20	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 12,772	12,772
05-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -27,775	-27,775
05-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -15,501	-15,501
05-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -63,808	-63,808
05-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64 CFD 16,726	16,726
05-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -2,535	-2,535
05-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.61 ORD 30,834	30,834
05-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -20,556	-20,556
06-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 1,798	1,798
06-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -16,662	-16,662
06-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.64 ORD -517	-517
06-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.64 ORD -146	-146

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
06-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.64	ORD -146	-146
06-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD -4,993	-4,993
06-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD -1,764	-1,764
06-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	ORD 15,910	15,910
06-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD 3,427	3,427
06-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	ORD 858	858
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 4,206	4,206
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 12,618	12,618
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 5,011	5,011
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 5,011	5,011
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 3,603	3,603
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 3,496	3,496
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -23,989	-23,989
09-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 1,896	1,896
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD -16,656	-16,656
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,620	9,620
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD 5,830	5,830
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD 29,150	29,150
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD 11,660	11,660
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD -15,501	-15,501
09-Nov-20	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 36,231	36,231
10-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD -29,056	-29,056
10-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -15,804	-15,804
10-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 27,864	27,864
10-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 10,272	10,272
10-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 61,825	61,825
10-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.72	ORD 11,475	11,475
10-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 2,167	2,167
10-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -1,806	-1,806
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	ORD 2,574	2,574
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.68	ORD -21,450	-21,450
11-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD -55,490	-55,490
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 81,739	81,739
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 50,160	50,160
11-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD 63	63
11-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD 54	54
11-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -2,840	-2,840
11-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.76	ORD 7,828	7,828
11-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.76	ORD -1,936	-1,936
11-Nov-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -221,000	-221,000
12-Nov-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,979	-11,979
12-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.65	ORD -6,756	-6,756
12-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD 197	197
12-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD 4,999	4,999
12-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD -13,756	-13,756
12-Nov-20	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -23,222	-23,222
13-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.62	ORD -9,822	-9,822
13-Nov-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.62	ORD -16,477	-16,477

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13-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64 ORD 100,684	100,684
13-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64 ORD 9,489	9,489
13-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 47,421	47,421
13-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -12,513	-12,513
13-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62 ORD 3,488	3,488
13-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62 ORD -41,083	-41,083
16-Nov-20	BlackRock Fund Advisors	on mkt buy	4.67 ORD 150,000	150,000
16-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 49,995	49,995
16-Nov-20	BlackRock Advisors (UK) Limited	in specie	n/a ORD 7,599	7,599
17-Nov-20	BlackRock Investment Management, LLC	on mkt buy	4.66 ORD 9,025	9,025
17-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -16,647	-16,647
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64 ORD 2,002	2,002
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64 ORD 8,294	8,294
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64 ORD -63,256	-63,256
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 47,442	47,442
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 15,012	15,012
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -5,208	-5,208
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -38,074	-38,074
18-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 7,712	7,712
18-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60 ORD 17,037	17,037
18-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -4,932	-4,932
18-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -1,014	-1,014
18-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -1,013	-1,013
18-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 4,189	4,189
18-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 24,975	24,975
18-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -1,800	-1,800
18-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 3,503	3,503
18-Nov-20	BlackRock Fund Advisors	on mkt sell	4.55 ORD -8,643	-8,643
18-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -2,860	-2,860
19-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.55 ORD 7,985	7,985
19-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 2,949	2,949
19-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -16,842	-16,842
19-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53 ORD 10,296	10,296
19-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 394	394
19-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 263	263
19-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 263	263
19-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -34,193	-34,193
19-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.54 ORD -6,830	-6,830
19-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 92,425	92,425
19-Nov-20	BlackRock Asset Management Canada Limited	on mkt buy	4.54 ORD 1,728	1,728
19-Nov-20	BlackRock Fund Advisors	on mkt buy	4.54 ORD 27,540	27,540
19-Nov-20	BlackRock Fund Advisors	on mkt buy	4.54 ORD 77,441	77,441
19-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.54 ORD 37,967	37,967
19-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53 ORD 1,693	1,693
20-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -16,848	-16,848
20-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 20,370	20,370
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 564	564

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 126	126
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 126	126
20-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 4,180	4,180
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51 ORD 15,353	15,353
20-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52 ORD 22,424	22,424
20-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 31,976	31,976
20-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 2,934	2,934
23-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -24,228	-24,228
23-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51 ORD 8,008	8,008
23-Nov-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.52 ORD 9,177	9,177
23-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -1,188	-1,188
23-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 1,785	1,785
23-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 792	792
23-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -35,029	-35,029
24-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -12,114	-12,114
24-Nov-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 44,906	44,906
24-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 8,414	8,414
24-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.63 ORD -3,578	-3,578
24-Nov-20	BlackRock International Limited	on mkt sell	4.63 ORD -58,773	-58,773
25-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 84,250	84,250
25-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 34,100	34,100
25-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 858	858
25-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 2,980	2,980
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68 ORD 4,585	4,585
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68 ORD 944	944
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68 ORD 941	941
25-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.67 ORD 332	332
25-Nov-20	BlackRock Fund Advisors	on mkt buy	4.69 ORD 109,234	109,234
25-Nov-20	BlackRock Fund Advisors	on mkt buy	4.69 ORD 1,253	1,253
25-Nov-20	BlackRock Fund Advisors	on mkt buy	4.69 ORD 33,030	33,030
25-Nov-20	BlackRock Fund Advisors	on mkt buy	4.69 ORD 65,385	65,385
25-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 596	596
25-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -3,577	-3,577
25-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 10,912	10,912
26-Nov-20	BlackRock Asset Management Canada Limited	on mkt buy	4.68 ORD 2,052	2,052
26-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67 ORD 2,288	2,288
26-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70 ORD 15,817	15,817
27-Nov-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.65 ORD 9,177	9,177
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,201	1,201
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,201	1,201
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,074	1,074
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -3,592	-3,592
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 263	263
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 263	263
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 263	263
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 984	984
27-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -3,592	-3,592
27-Nov-20	BlackRock Japan Co., Ltd.	on mkt sell	4.65 ORD -26,852	-26,852

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27-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65 ORD -14,473	-14,473
27-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 2,860	2,860
30-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -1,253	-1,253
30-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD 73,080	73,080
30-Nov-20	BlackRock Fund Advisors	in specie	n/a ORD -81,273	-81,273
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.60 ORD 8,551	8,551
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58 ORD -76,274	-76,274
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54 ORD 2,860	2,860
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 191	191
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 359	359
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 15,814	15,814
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 3,231	3,231
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.56 ORD -12,499	-12,499
30-Nov-20	BlackRock Japan Co., Ltd.	on mkt sell	4.56 ORD -38,038	-38,038
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -6,450	-6,450
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -15,969	-15,969
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -30,488	-30,488
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -648	-648
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -23,974	-23,974
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -1,960	-1,960
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -904	-904
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -17,805	-17,805
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -256,311	-256,311
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -19,064	-19,064
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -6,560	-6,560
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -1,229	-1,229
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -678	-678
30-Nov-20	BlackRock Investment Management, LLC	on mkt sell	4.56 ORD -1,236	-1,236
30-Nov-20	BlackRock Investment Management, LLC	on mkt sell	4.56 ORD -1,795	-1,795
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -902	-902
30-Nov-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.56 ORD -840	-840
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -2,125	-2,125
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.57 ORD -31,934	-31,934
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.56 ORD -5,560	-5,560
30-Nov-20	BlackRock Japan Co., Ltd.	on mkt sell	4.57 ORD -97,197	-97,197
30-Nov-20	BlackRock Japan Co., Ltd.	on mkt sell	4.56 ORD -16,923	-16,923
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -16,482	-16,482
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -2,870	-2,870
30-Nov-20	BlackRock International Limited	on mkt buy	4.56 ORD 19,092	19,092
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.57 ORD -40,801	-40,801
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -7,104	-7,104
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.57 ORD -77,901	-77,901
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -13,564	-13,564
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.57 ORD -1,657	-1,657
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -289	-289
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -61,258	-61,258

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -10,666	-10,666
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -5,008	-5,008
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -872	-872
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 41,363	41,363
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 120,860	120,860
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -2,310	-2,310
30-Nov-20	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -402	-402
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.57 ORD -45,494	-45,494
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -7,921	-7,921
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.57 ORD -654,901	-654,901
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -114,028	-114,028
30-Nov-20	BlackRock Fund Advisors	on mkt buy	4.56 ORD 330	330
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 17,527	17,527
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 46,309	46,309
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 21,863	21,863
30-Nov-20	BlackRock Japan Co., Ltd.	on mkt buy	4.56 ORD 37,155	37,155
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -48,711	-48,711
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -8,481	-8,481
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -16,762	-16,762
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -2,918	-2,918
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -17,451	-17,451
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 17,931	17,931
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.57 ORD -3,141	-3,141
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -547	-547
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.56 ORD 20,577	20,577
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.57 ORD -1,732	-1,732
30-Nov-20	BlackRock Asset Management Canada Limited	on mkt sell	4.56 ORD -302	-302
30-Nov-20	BlackRock Investment Management, LLC	on mkt sell	4.57 ORD -3,157	-3,157
30-Nov-20	BlackRock Investment Management, LLC	on mkt sell	4.56 ORD -550	-550
30-Nov-20	BlackRock Investment Management, LLC	on mkt sell	4.57 ORD -4,587	-4,587
30-Nov-20	BlackRock Investment Management, LLC	on mkt sell	4.56 ORD -799	-799
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -2,303	-2,303
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 ORD -401	-401
30-Nov-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.57 ORD -2,143	-2,143
30-Nov-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.56 ORD -373	-373
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57 ORD -5,430	-5,430
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -945	-945
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 56,976	56,976
30-Nov-20	BlackRock Fund Advisors	on mkt buy	4.56 ORD 24,531	24,531
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -59,214	-59,214
30-Nov-20	BlackRock Fund Advisors	on mkt buy	4.56 ORD 64,221	64,221
30-Nov-20	BlackRock Fund Advisors	on mkt sell	4.56 ORD -113,060	-113,060
30-Nov-20	BlackRock Fund Advisors	on mkt buy	4.56 ORD 216,017	216,017



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -70,694	-70,694
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -24,327	-24,327
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -3,343	-3,343
30-Nov-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.56	ORD -3,112	-3,112
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	ORD 74,741	74,741
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	ORD 1,933	1,933
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	ORD 5,641	5,641
01-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.58	ORD -7,563	-7,563
01-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD -33,882	-33,882
01-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.58	ORD -10,485	-10,485
01-Dec-20	BlackRock Fund Advisors	on mkt sell	4.66	ORD -8,426	-8,426
01-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 8,306	8,306
01-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 193	193
01-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 1,204	1,204
01-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -892	-892
01-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 1,582	1,582
01-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.62	ORD -8,970	-8,970
01-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 1,315	1,315
01-Dec-20	BlackRock Fund Advisors	on mkt buy	4.62	ORD 8,491	8,491
01-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 5,838	5,838
01-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 2,006	2,006
01-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.62	ORD -13,929	-13,929
01-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.62	ORD -17,931	-17,931
02-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,549	12,549
02-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 39,490	39,490
02-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 8,032	8,032
02-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 7,992	7,992
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD 1,430	1,430
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -1,744	-1,744
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -11,118	-11,118
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 712	712
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -3,488	-3,488
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -25,455	-25,455
02-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD 4,317	4,317
03-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD -28,190	-28,190
03-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,253	1,253
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD -12,432	-12,432
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD -107,744	-107,744
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 394	394
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 716	716
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 2,864	2,864
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD -4,420	-4,420
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD -3,765	-3,765
03-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 1,476	1,476

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
03-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.57 ORD 5,641	5,641
03-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.58 ORD -18,304	-18,304
03-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.58 ORD -758	-758
03-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 160,410	160,410
04-Dec-20	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 26,921	26,921
04-Dec-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -23,838	-23,838
04-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.59 ORD 36,018	36,018
04-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 80,205	80,205
04-Dec-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.55 ORD -80,618	-80,618
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 191	191
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 2,082	2,082
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 694	694
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 2,424	2,424
04-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 1,994	1,994
07-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 4,746	4,746
07-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51 ORD 4,290	4,290
07-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.52 ORD 9,177	9,177
07-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 2,386	2,386
07-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 2,428	2,428
07-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -3,749	-3,749
07-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52 ORD 38,007	38,007
07-Dec-20	BlackRock International Limited	on mkt sell	4.52 ORD -69,915	-69,915
07-Dec-20	BlackRock Fund Advisors	on mkt buy	4.52 ORD 450	450
07-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52 ORD -64,555	-64,555
08-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 1,160	1,160
08-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 11,298	11,298
08-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.52 ORD -8,072	-8,072
08-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50 ORD 2,288	2,288
08-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 3,105	3,105
08-Dec-20	BlackRock Asset Management Canada Limited	on mkt buy	4.51 ORD 2,755	2,755
08-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 80,205	80,205
08-Dec-20	BlackRock Fund Advisors	in specie	n/a ORD 80,205	80,205
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54 ORD -328	-328
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54 ORD -160	-160
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 8,272	8,272
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 193	193
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 888	888
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 5,328	5,328
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -4,048	-4,048
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -7,556	-7,556
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 8,547	8,547
09-Dec-20	BlackRock Fund Advisors	on mkt buy	4.52 ORD 31,346	31,346
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -13,571	-13,571
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52 ORD 3,063	3,063
10-Dec-20	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -28,672	-28,672

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
10-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.54	ORD -567,785	-567,785
10-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.54	ORD -41,140	-41,140
10-Dec-20	BlackRock Asset Management Canada Limited	on mkt sell	4.54	ORD -3,095	-3,095
10-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.58	ORD 298	298
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 12,408	12,408
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -12,408	-12,408
10-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.54	ORD 18,358	18,358
10-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.54	ORD 9,179	9,179
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,211	1,211
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,068	1,068
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -4,065	-4,065
10-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 26,594	26,594
10-Dec-20	BlackRock Fund Advisors	on mkt buy	4.54	ORD 440	440
11-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,746	1,746
11-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 12,608	12,608
11-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.51	ORD -2,660	-2,660
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 21,037	21,037
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -3,747	-3,747
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -7,494	-7,494
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 528	528
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -67,888	-67,888
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51	ORD 32,020	32,020
11-Dec-20	BlackRock Japan Co., Ltd.	on mkt sell	4.51	ORD -28,452	-28,452
11-Dec-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 19,389	19,389
14-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 17,488	17,488
14-Dec-20	BlackRock Fund Advisors	on mkt sell	4.51	ORD -16,616	-16,616
14-Dec-20	BlackRock Fund Advisors	on mkt sell	4.51	ORD -640	-640
14-Dec-20	BlackRock Fund Advisors	on mkt sell	4.51	ORD -50,908	-50,908
14-Dec-20	BlackRock Fund Advisors	on mkt sell	4.51	ORD -57,186	-57,186
14-Dec-20	BlackRock Fund Advisors	on mkt sell	4.51	ORD -40,962	-40,962
14-Dec-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.51	ORD -16,824	-16,824
14-Dec-20	BlackRock Fund Advisors	on mkt sell	4.51	ORD -242,162	-242,162
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -191	-191
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 4,914	4,914
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 24,384	24,384
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 528	528
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 1,591	1,591
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ORD 2,457	2,457
14-Dec-20	BlackRock Fund Advisors	on mkt buy	4.51	ORD 15,064	15,064
14-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49	ORD -2,002	-2,002
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD -11,294	-11,294
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 9,660	9,660
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 1,932	1,932
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.43	ORD 3,819	3,819
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD -16,544	-16,544
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD -1,803	-1,803
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD 28,476	28,476
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.41	ORD -66,257	-66,257
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42	ORD -1,430	-1,430
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 2,898	2,898

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
16-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	6,252	6,252
16-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	35,949	35,949
16-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.54	ORD	-12,607	-12,607
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD	15,741	15,741
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD	784	784
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD	-1,972	-1,972
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD	-3,791	-3,791
16-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD	2,303	2,303
17-Dec-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	11,501	11,501
17-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	22,396	22,396
17-Dec-20	BlackRock Investment Management, LLC	on mkt buy	4.50	CFD	8,034	8,034
17-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	-20,185	-20,185
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD	1,103	1,103
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD	571	571
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD	429	429
17-Dec-20	BlackRock Asset Management North Asia Limited	on mkt sell	4.50	ORD	-51,792	-51,792
17-Dec-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.47	ORD	17,904	17,904
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD	-78,720	-78,720
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD	2,100	2,100
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD	845	845
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD	8,410	8,410
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD	792	792
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.47	ORD	-6,939	-6,939
17-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD	134,033	134,033
17-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD	379	379
18-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	9,642	9,642
18-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	-45,232	-45,232
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61	ORD	1,693	1,693
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.65	ORD	-41,089	-41,089
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-191	-191
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-690	-690
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD	842	842
18-Dec-20	BlackRock Fund Advisors	on mkt buy	4.65	ORD	6,428	6,428
18-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD	5,318	5,318
18-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD	1,939	1,939
18-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD	-12,236	-12,236
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	79,373	79,373
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	11,165	11,165
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD	1,205	1,205
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD	846	846
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD	-594	-594
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	7,105	7,105
21-Dec-20	BlackRock Asset Management Canada Limited	in specie	n/a	ORD	-38,046	-38,046
22-Dec-20	BlackRock Asset Management Deutschland AG	on mkt sell	4.75	ORD	-89,510	-89,510
22-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	-67,608	-67,608
22-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD	-11,268	-11,268

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 4,145	4,145
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,205	1,205
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,833	1,833
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 843	843
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -3,833	-3,833
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 2,376	2,376
22-Dec-20	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -1,476	-1,476
22-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.75	ORD -209,446	-209,446
22-Dec-20	BlackRock Investment Management, LLC	on mkt buy	4.75	ORD 16,073	16,073
22-Dec-20	BlackRock Fund Advisors	on mkt buy	4.75	ORD 4,570	4,570
22-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 2,860	2,860
23-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD -40,125	-40,125
23-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 8,850	8,850
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 101,732	101,732
23-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 8,326	8,326
23-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 196	196
23-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 3,597	3,597
23-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 2,832	2,832
23-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 612	612
23-Dec-20	BlackRock Fund Advisors	on mkt buy	4.74	ORD 533	533
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 1,430	1,430
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 1,062	1,062
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 18,735	18,735
24-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 379	379
29-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD -22,472	-22,472
29-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD 26,664	26,664
29-Dec-20	BlackRock Fund Advisors	in specie	n/a	ORD -48,150	-48,150
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 1,149	1,149
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 283	283
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 198	198
30-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 4,181	4,181
30-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 15,723	15,723
30-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 191	191
30-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 698	698
31-Dec-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.78	ORD -6,129	-6,129
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 1,430	1,430
31-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -67,245	-67,245
31-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD 4,116	4,116
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -33,756	-33,756
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD 79,447	79,447
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,880	7,880
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,148	-16,148
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 12,570	12,570
05-Jan-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.80	ORD 9,031	9,031
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 15,728	15,728
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 191	191
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 1,065	1,065
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 4,260	4,260
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 264	264
05-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 1,499	1,499

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 1,716	1,716
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD -1,784	-1,784
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD -388	-388
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD -390	-390
06-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -16,832	-16,832
06-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 1,755	1,755
06-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 702	702
06-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 843	843
06-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 2,106	2,106
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -65,873	-65,873
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,830	-16,830
07-Jan-21	BlackRock Fund Advisors	on mkt buy	4.75	ORD 1,945	1,945
07-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 858	858
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -656	-656
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 2,457	2,457
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 4,038	4,038
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 49,651	49,651
07-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -33,501	-33,501
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -110,791	-110,791
08-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,236	-11,236
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 1,689	1,689
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 7,722	7,722
08-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -4,936	-4,936
08-Jan-21	BlackRock Fund Advisors	on mkt buy	4.90	ORD 17,505	17,505
08-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 21,065	21,065
08-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 64,479	64,479
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 572	572
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,348	-16,348
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -79,447	-79,447
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -28,025	-28,025
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD 17,712	17,712
11-Jan-21	BlackRock Fund Advisors	on mkt buy	4.93	ORD 10,614	10,614
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 16,832	16,832
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 15,733	15,733
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -8,110	-8,110
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -7,464	-7,464
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 31,634	31,634
11-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 9,469	9,469
11-Jan-21	BlackRock Fund Advisors	on mkt buy	4.90	ORD 235,223	235,223
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -61,296	-61,296
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD -4,521	-4,521
12-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 4,190	4,190
12-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 7,218	7,218
12-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -14,924	-14,924
12-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -11,193	-11,193
12-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 528	528
12-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 5,306	5,306
12-Jan-21	BlackRock Asset Management Canada Limited	on mkt buy	4.90	ORD 2,451	2,451

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12-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90 ORD 2,686	2,686
13-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -11,208	-11,208
13-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 13,230	13,230
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92 CFD 5,180	5,180
13-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.91 ORD 11,634	11,634
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92 ORD 7,765	7,765
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92 ORD 1,563	1,563
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92 ORD 1,564	1,564
13-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.92 ORD -1,172	-1,172
13-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.92 ORD -1,172	-1,172
13-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.92 ORD -4,054	-4,054
13-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 7,456	7,456
13-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 264	264
13-Jan-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.92 ORD -104,943	-104,943
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92 ORD -24,188	-24,188
14-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 61,768	61,768
14-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 10,801	10,801
14-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 88,240	88,240
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -3,569	-3,569
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -725	-725
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -694	-694
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 4,199	4,199
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.87 ORD -1,770	-1,770
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.87 ORD -3,540	-3,540
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.87 ORD -848	-848
14-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 57,356	57,356
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -158,894	-158,894
15-Jan-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.85 ORD -27,338	-27,338
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 6,256	6,256
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -3,176	-3,176
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 22,275	22,275
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 13,365	13,365
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -12,261	-12,261
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 80,190	80,190
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 111,375	111,375
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 3,159	3,159
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 1,404	1,404
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.84 ORD -2,304	-2,304
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.84 ORD -2,304	-2,304
15-Jan-21	BlackRock Investment Management, LLC	on mkt sell	4.84 ORD -8,810	-8,810
15-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.84 ORD 171,129	171,129
15-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 4,036	4,036
19-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -238,341	-238,341
19-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -39,242	-39,242
19-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 22,060	22,060
19-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 61,768	61,768
19-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -28,609	-28,609
19-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76 ORD -3,726	-3,726
19-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 352	352
19-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 1,408	1,408

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19-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 4,576	4,576
19-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76 ORD -18,715	-18,715
19-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76 ORD -20,405	-20,405
19-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 4,040	4,040
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -44,936	-44,936
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 25,202	25,202
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 7,825	7,825
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 2,082	2,082
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 7,825	7,825
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 8,938	8,938
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 13,407	13,407
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 8,938	8,938
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 62,566	62,566
20-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 636	636
20-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 127	127
20-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 70	70
20-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 1,068	1,068
20-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 53,628	53,628
21-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 CFD 12,947	12,947
21-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 7,825	7,825
21-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 7,825	7,825
21-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -11,222	-11,222
21-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 8,770	8,770
21-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81 ORD -3,819	-3,819
21-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83 ORD -31,700	-31,700
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83 ORD 1,368	1,368
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.83 ORD -7,482	-7,482
21-Jan-21	BlackRock Asset Management Canada Limited	on mkt buy	4.83 ORD 641	641
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83 ORD 187,132	187,132
21-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 3,014	3,014
22-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.81 ORD 7,606	7,606
22-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -16,348	-16,348
22-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -84,015	-84,015
22-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -16,803	-16,803
22-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 13,263	13,263
22-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 5,120	5,120
22-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 33,648	33,648
22-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 196	196
22-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.84 ORD -3,725	-3,725
22-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.84 ORD -7,450	-7,450
22-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.84 ORD -7,450	-7,450
22-Jan-21	BlackRock Asset Management Canada Limited	on mkt buy	4.84 ORD 436	436
22-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 84,120	84,120
25-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD -79,447	-79,447
25-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 14,193	14,193
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 8,398	8,398
25-Jan-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.84 ORD 9,023	9,023
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 2,412	2,412
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 2,471	2,471
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 1,368	1,368
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 2,118	2,118
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 50,388	50,388
25-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 21,201	21,201
25-Jan-21	BlackRock Fund Advisors	in specie	n/a ORD 7,480	7,480



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	-33,564	-33,564
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	22,110	22,110
26-Jan-21	BlackRock Fund Advisors	on mkt buy	4.89	ORD	7,601	7,601
26-Jan-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.94	ORD	9,023	9,023
26-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD	1,044	1,044
26-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD	-3,738	-3,738
26-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD	792	792
26-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD	-60,672	-60,672
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	42,732	42,732
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	81,180	81,180
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86	ORD	23,838	23,838
27-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	16,904	16,904
27-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	193	193
27-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	264	264
27-Jan-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	53,885	269,425
27-Jan-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	991,777	4,958,885
28-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	56,976	56,976
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	16,656	16,656
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	2,390	2,390
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	603	603
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	528	528
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	25,664	25,664
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-20,971	-20,971
28-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	1,396	1,396
28-Jan-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	53,885	269,425
28-Jan-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	992,685	4,963,425
29-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	-28,005	-28,005
29-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	32,472	32,472
29-Jan-21	BlackRock Fund Advisors	in specie	n/a	ORD	8,000	8,000
29-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	214,421	214,421
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD	5,581	5,581
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD	1,070	1,070
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD	1,108	1,108
29-Jan-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.81	ORD	-987	-987
29-Jan-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.80	ORD	-9,129	-9,129
29-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	8,328	8,328
29-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	1,516	1,516
29-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	1,218	1,218
29-Jan-21	BlackRock Asset Management Canada Limited	on mkt sell	4.80	ORD	-1,101	-1,101
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD	38,085	38,085
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD	-49,306	-49,306
29-Jan-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.80	ORD	-140,213	-140,213
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD	-7,471	-7,471
29-Jan-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-53,827	-269,135
29-Jan-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-991,616	-4,958,080
01-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD	-16,767	-16,767
01-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD	-314	-314
01-Feb-21	BlackRock Asset Management North Asia Limited	on mkt buy	4.78	ORD	23,452	23,452
01-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-831	-831
01-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-11,211	-11,211

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
01-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD 2,925	2,925
01-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 10,779	10,779
01-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 2,834	2,834
01-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 860	4,300
01-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,984	14,920
02-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 13,184	13,184
02-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 105,534	105,534
02-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,506	2,506
02-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,253	1,253
02-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,253	1,253
02-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,878	8,878
02-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.85	ORD 7,608	7,608
02-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 137	685
02-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 503	2,515
03-Feb-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.83	ORD -34,000	-34,000
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,885	7,885
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,680	4,680
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD 83,677	83,677
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD 106,539	106,539
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 8,008	8,008
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 838	838
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 176	176
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 167	167
03-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -4,037	-4,037
03-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -3,721	-3,721
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 167,924	167,924
03-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 173	865
04-Feb-21	BlackRock Investment Management, LLC	on mkt buy	4.74	CFD 5,858	5,858
04-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 42,732	42,732
04-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -22,388	-22,388
04-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,194	-11,194
04-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,954	30,954
04-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 17,688	17,688
04-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 7,022	7,022
04-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	CFD 36,014	36,014
04-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD 4,991	4,991
04-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD 6,005	6,005
04-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD 2,506	2,506
04-Feb-21	BlackRock Investment Management, LLC	on mkt buy	4.73	ORD 10,619	10,619
04-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.73	ORD 225	225
04-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,212	6,060
05-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 79,447	79,447
05-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -157	-157
05-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,794	-16,794
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 37,314	37,314
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 6,005	6,005
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 2,402	2,402
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,227	1,227

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -1,118	-1,118
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -7,472	-7,472
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 514	514
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 196	196
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 1,379	1,379
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 331	331
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 337	337
05-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -25,351	-25,351
05-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.75	ORD 1,833	1,833
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 30,357	30,357
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 1,144	1,144
05-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 671	3,355
08-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,650	18,250
09-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 936	936
09-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 196	196
09-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 37,340	37,340
09-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.75	ORD 1,193	1,193
09-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,785	-16,785
09-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD 7,009	7,009
09-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD 716	716
09-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD 2,506	2,506
09-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD -1,218	-1,218
09-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD -7,470	-7,470
09-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.67	ORD 509	509
09-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 730	3,650
09-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -810	-4,050
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,272	13,272
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	ORD 63,224	63,224
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -50,427	-50,427
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,084	4,084
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD 1,847	1,847
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD 355	355
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD 305	305
10-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD -1,218	-1,218
10-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD 3,739	3,739
10-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD 264	264
10-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.67	ORD 331	331
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 5,609	5,609
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 57,512	57,512
10-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,539	7,695
11-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	ORD 3,671	3,671
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68	ORD -3,499	-3,499
11-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.67	ORD -1,417	-1,417
11-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 410	2,050
11-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,666	8,330
12-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 193	193

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12-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 3,739	3,739
12-Feb-21	BlackRock Fund Advisors	on mkt buy	4.70	ORD 28,657	28,657
12-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.70	ORD 666	666
12-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -96,686	-96,686
12-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -944	-4,720
12-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,236	-6,180
15-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 5,009	5,009
15-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -2,529	-2,529
16-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -22,404	-22,404
16-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -22,404	-22,404
16-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 25,202	25,202
16-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,835	2,835
16-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 9,960	9,960
16-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 1,038	1,038
16-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 4,498	4,498
16-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -477	-2,385
16-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,752	18,760
17-Feb-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.67	ORD -10,501	-10,501
17-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,174	-8,174
17-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -13,632	-13,632
17-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 79,447	79,447
17-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,326	13,326
17-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.66	ORD 6,669	6,669
17-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 231	231
17-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 41	41
17-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 27	27
17-Feb-21	BlackRock Japan Co., Ltd.	on mkt sell	4.64	ORD -4,660	-4,660
17-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.65	ORD 409	409
17-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 4,040	4,040
17-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 78	390
17-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 272	1,360
18-Feb-21	BlackRock Asset Management North Asia Limited	on mkt sell	4.66	ORD -14,301	-14,301
18-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -24,522	-24,522
18-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,732	9,732
18-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD -15,722	-15,722
18-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66	ORD -4,190	-4,190
18-Feb-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.66	ORD -15,674	-15,674
18-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.66	ORD 216	216
18-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66	ORD -177,796	-177,796
18-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD 3,462	3,462
18-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -79,447	-79,447
18-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 350	1,750
19-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD -33,594	-33,594
19-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD 16,120	16,120
19-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.67	ORD -31,312	-31,312
19-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 100,919	100,919

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19-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.67 ORD 524	524
19-Feb-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 802	4,010
22-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD 13,275	13,275
22-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD -73,566	-73,566
22-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 392	392
22-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.69 ORD 217	217
22-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.69 ORD -3,107	-3,107
22-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68 ORD 1,716	1,716
22-Feb-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,267	6,335
23-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD -79,447	-79,447
23-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD -32,696	-32,696
23-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.68 ORD 3,204	3,204
23-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.68 ORD -1,824	-1,824
23-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.68 ORD 1,522	1,522
23-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.68 ORD 1,522	1,522
23-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.68 ORD 218	218
23-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68 ORD -70,442	-70,442
23-Feb-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,613	18,065
24-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.66 ORD -9,343	-9,343
24-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD 1,253	1,253
24-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD -11,168	-11,168
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.67 ORD -2,463	-2,463
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.67 ORD -514	-514
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.67 ORD -460	-460
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 193	193
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 1,364	1,364
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -610	-610
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 264	264
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -14,960	-14,960
24-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.66 ORD 28,719	28,719
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 21,583	21,583
24-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -15,977	-15,977
24-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD 2,817	2,817
24-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD 6,696	6,696
24-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD 6,030	6,030
24-Feb-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -409	-2,045
24-Feb-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -6,962	-34,810
25-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.68 ORD -77,970	-77,970
25-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70 CFD 10,509	10,509
25-Feb-21	BlackRock Investment Management, LLC	on mkt buy	4.70 CFD 4,874	4,874
25-Feb-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.71 ORD 9,068	9,068
25-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 2,130	2,130
25-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 4,260	4,260
25-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 4,071	4,071
25-Feb-21	BlackRock Advisors (UK) Limited	on mkt sell	4.71 ORD -3,738	-3,738
25-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	4.71 ORD 611	611
25-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 3,550	3,550
25-Feb-21	BlackRock Fund Advisors	in specie	n/a ORD -12,261	-12,261

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25-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,910	9,550
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	CFD	10,109	10,109
26-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD	-16,348	-16,348
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.65	ORD	-111,228	-111,228
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD	-58,469	-58,469
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD	-161,361	-161,361
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	31,025	31,025
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	21,525	21,525
26-Feb-21	BlackRock Fund Advisors	on mkt buy	4.59	ORD	5,239	5,239
26-Feb-21	BlackRock Fund Advisors	on mkt buy	4.59	ORD	47,665	47,665
26-Feb-21	BlackRock Fund Advisors	on mkt buy	4.59	ORD	260,002	260,002
26-Feb-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.59	ORD	37,549	37,549
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	52,990	52,990
26-Feb-21	BlackRock Fund Advisors	on mkt buy	4.59	ORD	154,694	154,694
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59	ORD	24,178	24,178
26-Feb-21	BlackRock Investment Management, LLC	on mkt buy	4.59	ORD	5,142	5,142
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	516	516
26-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	4,545	4,545
26-Feb-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.59	ORD	-12,653	-12,653
26-Feb-21	BlackRock Asset Management Canada Limited	on mkt sell	4.59	ORD	-48,937	-48,937
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59	ORD	-33,667	-33,667
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59	ORD	-14,869	-14,869
26-Feb-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.59	ORD	-39,442	-39,442
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59	ORD	-53,445	-53,445
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59	ORD	-1,295	-1,295
26-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.59	ORD	25,945	25,945
26-Feb-21	BlackRock Fund Advisors	in specie	n/a	ORD	700	700
26-Feb-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,390	-11,950
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-16,752	-16,752
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-168,180	-168,180
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	9,348	9,348
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	2,820	2,820
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	8,308	8,308
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD	-16,117	-16,117
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	1,416	1,416
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	1,518	1,518
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD	-59,822	-59,822
01-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD	40,000	40,000
01-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD	2,574	2,574
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	1,402	1,402
01-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	696	3,480
02-Mar-21	BlackRock Japan Co., Ltd.	on mkt sell	4.72	ORD	-11,038	-11,038
02-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.72	ORD	-49,289	-49,289
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-12,261	-12,261
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	25,726	25,726
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	28,488	28,488
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	65,424	65,424

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	81,780	81,780
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-11,152	-11,152
02-Mar-21	BlackRock Japan Co., Ltd.	on mkt buy	4.72	ORD	2,524	2,524
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD	60,312	60,312
02-Mar-21	BlackRock Fund Advisors	on mkt buy	4.73	ORD	90,306	90,306
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD	175,335	175,335
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD	4,615	4,615
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD	2,130	2,130
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD	-4,054	-4,054
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD	259	259
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73	ORD	264	264
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD	-32,942	-32,942
02-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD	-108,910	-108,910
02-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,682	8,410
02-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,786	8,930
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69	ORD	-123,664	-123,664
03-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-44,544	-44,544
03-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	13,332	13,332
03-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	1,404	1,404
03-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	8,888	8,888
03-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD	2,675	2,675
03-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD	612	612
03-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	ORD	613	613
03-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD	12,489	12,489
03-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD	193	193
03-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD	1,199	1,199
03-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-3,723	-3,723
03-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-5,873	-5,873
03-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.67	ORD	350	350
03-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.67	ORD	45,269	45,269
03-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-224	-1,120
04-Mar-21	BlackRock Investment Management, LLC	on mkt buy	4.70	ORD	5,546	5,546
04-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-28,609	-28,609
04-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD	193	193
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD	2,398	2,398
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD	2,398	2,398
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63	ORD	592	592
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD	-4,071	-4,071
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD	-1,392	-1,392
04-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.63	ORD	-27,436	-27,436
04-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD	9,438	9,438
04-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	753	3,765
04-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	398	1,990
05-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	CFD	8,878	8,878
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	-11,148	-11,148
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	4,641	4,641
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	13,275	13,275
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD	2,784	2,784
05-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD	-176,822	-176,822
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-32,240	-32,240
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD	1,424	1,424

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -852	-852
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -4,070	-4,070
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -4,070	-4,070
05-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.58 ORD 73,403	73,403
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -21,166	-21,166
05-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.58 ORD 1,057	1,057
05-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61 ORD 11,440	11,440
05-Mar-21	BlackRock Asset Management Canada Limited	in specie	n/a ORD 25,268	25,268
05-Mar-21	BlackRock Asset Management Canada Limited	in specie	n/a ORD 15,528	15,528
05-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,990	9,950
08-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 252,270	252,270
08-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -61,424	-61,424
08-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -16,752	-16,752
08-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70 ORD -6,190	-6,190
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 5,696	5,696
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -3,752	-3,752
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 792	792
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -2,565	-2,565
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -7,504	-7,504
08-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.60 ORD 368	368
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 5,408	5,408
08-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -978	-978
08-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60 ORD -22,024	-22,024
08-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 84,090	84,090
08-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 342	1,710
08-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -554	-2,770
09-Mar-21	BlackRock Japan Co., Ltd.	on mkt buy	4.60 ORD 89,221	89,221
09-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56 CFD -2,747	-2,747
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 16,123	16,123
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -16,123	-16,123
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 196	196
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -4,052	-4,052
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -4,052	-4,052
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -8,104	-8,104
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -3,751	-3,751
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -3,751	-3,751
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -11,253	-11,253
09-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 528	528
09-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,035	5,175
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.57 ORD -28,516	-28,516
10-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -62,727	-62,727
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54 ORD -224	-224
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54 ORD -94	-94
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54 ORD -50	-50
10-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54 ORD -30,857	-30,857
10-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.54 ORD -286,785	-286,785
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 8,416	8,416
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 16,123	16,123



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10-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 2,499	2,499
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -4,050	-4,050
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -7,496	-7,496
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -7,496	-7,496
10-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -11,244	-11,244
10-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.52	ORD 580	580
10-Mar-21	BlackRock Japan Co., Ltd.	on mkt sell	4.52	ORD -42,984	-42,984
10-Mar-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -11,489	-11,489
10-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 689	3,445
10-Mar-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -16,335	-16,335
10-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 758	3,790
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55	ORD -6,415	-6,415
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	ORD 3,432	3,432
11-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 65,704	65,704
11-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -72,644	-72,644
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 8,362	8,362
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -674	-674
11-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,199	1,199
11-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	ORD 1,144	1,144
11-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 297	1,485
12-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 8,380	8,380
12-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 1,208	1,208
12-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -843	-843
12-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -3,759	-3,759
12-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	4.54	ORD -40,796	-40,796
12-Mar-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.54	ORD -3,940	-3,940
12-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 528	528
12-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 492	2,460
15-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,121	2,121
15-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,166	-11,166
15-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,188	6,188
15-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,174	-8,174
15-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 4,199	4,199
15-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -16,107	-16,107
15-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 842	842
15-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -29,604	-29,604
15-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 650	3,250
16-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD -19,547	-19,547
16-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 706	706
16-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD -3,758	-3,758
16-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 526	526
16-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -1,387	-1,387
16-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -84,797	-84,797
16-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 715	3,575
16-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,054	5,270
17-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 84,090	84,090
17-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,799	2,799
17-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -151,551	-151,551
17-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -1,489	-1,489
17-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -295	-295

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17-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -281	-281
17-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 4,181	4,181
17-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 8,362	8,362
17-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 191	191
17-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 1,208	1,208
17-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -392	-1,960
18-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,749	-16,749
18-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,174	-8,174
18-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48	ORD -53,571	-53,571
18-Mar-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.48	ORD 9,276	9,276
18-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.48	ORD 415	415
18-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -85	-425
19-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 84,090	84,090
19-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -50,373	-50,373
19-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 10,152	10,152
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	ORD 2,836	2,836
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD 1,158	1,158
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.61	ORD -3,772	-3,772
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD 264	264
19-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.61	ORD 32,600	32,600
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD 53,944	53,944
19-Mar-21	BlackRock Fund Advisors	on mkt buy	4.61	ORD 76,012	76,012
19-Mar-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.61	ORD 507,346	507,346
19-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD 717,492	717,492
19-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.61	ORD 310,654	310,654
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -29,328	-29,328
19-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	4.61	ORD -3,744	-3,744
19-Mar-21	BlackRock Fund Advisors	on mkt sell	4.61	ORD -1,158,150	-1,158,150
19-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -2,095	-2,095
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -12,173	-12,173
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -5,430	-5,430
19-Mar-21	BlackRock Investment Management, LLC	on mkt sell	4.54	ORD -2,997	-2,997
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -851	-851
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -18,503	-18,503
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -4,285	-4,285
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -3,493	-3,493
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -36,514	-36,514
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -16,296	-16,296
19-Mar-21	BlackRock Investment Management, LLC	on mkt sell	4.54	ORD -8,997	-8,997
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -2,559	-2,559
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -55,496	-55,496

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19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54 ORD -12,857	-12,857
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54 ORD -10,486	-10,486
19-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54 ORD -16,551	-16,551
19-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 298	1,490
22-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -12,261	-12,261
22-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 4,536	4,536
22-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 12,060	12,060
22-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 6,633	6,633
22-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50 ORD 36	36
22-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.49 ORD -27,075	-27,075
22-Mar-21	BlackRock Fund Advisors	on mkt sell	4.49 ORD -147,483	-147,483
22-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 2,118	2,118
22-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 598	598
22-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -3,742	-3,742
22-Mar-21	BlackRock Fund Advisors	on mkt sell	4.48 ORD -2,864	-2,864
22-Mar-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.48 ORD -29,035	-29,035
22-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	4.48 ORD -2,195	-2,195
22-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48 ORD -90,621	-90,621
22-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 30,688	30,688
22-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -346	-1,730
23-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -32,102	-32,102
23-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 3,176	3,176
23-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 11,400	11,400
23-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.48 ORD -17,007	-17,007
23-Mar-21	BlackRock Fund Advisors	on mkt sell	4.48 ORD -92,637	-92,637
23-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48 ORD -17,943	-17,943
23-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48 ORD -30,295	-30,295
23-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.47 CFD -8,547	-8,547
23-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46 ORD -252,344	-252,344
23-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46 ORD -47,927	-47,927
23-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 2,565	2,565
23-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46 ORD 1,558	1,558
23-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 22,930	22,930
23-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -4,586	-4,586
23-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -316	-1,580
24-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 26,742	26,742
24-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42 ORD -180,934	-180,934
24-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42 ORD 436	436
24-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42 ORD 46	46
24-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42 ORD 63	63
24-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -20,203	-20,203
24-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 193	193
24-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 196	196
24-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 3,786	3,786
24-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -3,786	-3,786
24-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42 ORD -31,906	-31,906

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24-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.42 ORD 589	589
24-Mar-21	BLACKROCK ADVISORS LLC	on mkt buy	4.42 ORD 24,828	24,828
24-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 10,323	10,323
24-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 12,080	12,080
24-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 9,060	9,060
24-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 109	545
25-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -56,080	-56,080
25-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 13,323	13,323
25-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 39,969	39,969
25-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 2,820	2,820
25-Mar-21	BlackRock Japan Co., Ltd.	on mkt sell	4.46 ORD -32,671	-32,671
25-Mar-21	BlackRock Fund Advisors	on mkt sell	4.41 ORD -4,278	-4,278
25-Mar-21	BlackRock Fund Advisors	on mkt sell	4.41 ORD -326,841	-326,841
25-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 50,388	50,388
25-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -579	-579
25-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 190	190
25-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 1,202	1,202
25-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -3,590	-3,590
25-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -17,545	-17,545
25-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.41 ORD 1,228	1,228
25-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.41 ORD 467	467
25-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -132	-660
25-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -917	-4,585
26-Mar-21	BlackRock Japan Co., Ltd.	on mkt sell	4.41 ORD -33,488	-33,488
26-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.42 ORD 480	480
26-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.40 ORD 3,009	3,009
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 4,191	4,191
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 4,191	4,191
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 190	190
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -619	-619
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 6,390	6,390
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -3,467	-3,467
26-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -28,693	-28,693
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40 ORD 29,122	29,122
26-Mar-21	BlackRock Fund Advisors	on mkt buy	4.40 ORD 734	734
26-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40 ORD -90,032	-90,032
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42 ORD 496	496
26-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42 ORD 744	744
26-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 8,884	8,884
26-Mar-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -809	-4,045
29-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD -17,109	-17,109
29-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 90,552	90,552
29-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 2,684	2,684
29-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 2,684	2,684
29-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 13,383	13,383
29-Mar-21	BlackRock Fund Advisors	in specie	n/a ORD 8,922	8,922
29-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39 ORD 2,480	2,480
29-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 1,720	1,720
29-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 408	408
29-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 317	317
29-Mar-21	BlackRock Fund Advisors	on mkt buy	4.41 ORD 117,309	117,309

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29-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD 528	528
29-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.41	ORD -25,054	-25,054
29-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.41	ORD -11,394	-11,394
29-Mar-21	BlackRock Asset Management Canada Limited	in specie	n/a	ORD 12,198	12,198
29-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 83	415
29-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -380	-1,900
30-Mar-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 12,976	12,976
30-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,996	8,996
30-Mar-21	BlackRock Asset Management Canada Limited	on mkt buy	4.42	ORD 554	554
30-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.42	ORD -6,884	-6,884
30-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 9,113	9,113
30-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 3,633	3,633
30-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 1,211	1,211
30-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 852	852
30-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 599	599
30-Mar-21	BlackRock Fund Advisors	on mkt sell	4.56	ORD -21,859	-21,859
30-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	ORD -33,275	-33,275
30-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 17,584	17,584
30-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	ORD 47,694	47,694
30-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,796	8,980
30-Mar-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -70,277	-70,277
30-Mar-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -1,314,128	-1,314,128
30-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -659	-3,295
31-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD -39,788	-39,788
31-Mar-21	BlackRock Fund Advisors	in specie	n/a	ORD 17,920	17,920
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -1,912	-1,912
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -417	-417
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -400	-400
31-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 710	710
31-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 599	599
31-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 264	264
31-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 264	264
31-Mar-21	BlackRock Asset Management Canada Limited	on mkt sell	4.48	ORD -2,836	-2,836
31-Mar-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.48	ORD 13,042	13,042
31-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.48	ORD -175,760	-175,760
31-Mar-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48	CFD -19,204	-19,204
31-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD 1,456	1,456
31-Mar-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -7,668	-7,668
31-Mar-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 7,668	7,668
31-Mar-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 721	3,605
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,184	30,184
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 98,098	98,098
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -34,122	-34,122
01-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,070	9,070
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 12,789	12,789

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01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 20,309	20,309
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 5,135	5,135
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,215	1,215
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,698	1,698
01-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 528	528
01-Apr-21	BlackRock Fund Advisors	on mkt buy	4.50	ORD 1,044	1,044
01-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.50	ORD 496	496
01-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.50	ORD 41,018	41,018
01-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,219	-6,095
05-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -75	-375
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -83,853	-83,853
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,962	8,962
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -28,400	-28,400
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,823	2,823
06-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 105,644	105,644
06-Apr-21	BlackRock Fund Advisors	on mkt buy	4.53	ORD 7,640	7,640
06-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.53	ORD 1,415	1,415
06-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD 18,231	18,231
06-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51	ORD 1,736	1,736
06-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,930	-14,650
06-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -123	-615
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -34,062	-34,062
07-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 26,892	26,892
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52	ORD -7,888	-7,888
07-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -59,432	-59,432
07-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -58,375	-58,375
07-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.46	ORD -1,885	-1,885
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 1,618	1,618
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 335	335
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 335	335
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 4,272	4,272
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 4,272	4,272
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 5,143	5,143
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 1,206	1,206
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 1,206	1,206
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 714	714
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 4,284	4,284
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 1,198	1,198
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 5,978	5,978
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 854	854
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 854	854
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 528	528
07-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -26,262	-26,262
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -27,120	-27,120
07-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -20,736	-20,736
07-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,412	-7,060
08-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,856	8,856
08-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 2,117	2,117
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 34,184	34,184

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08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 12,819	12,819
08-Apr-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.50	ORD 11,704	11,704
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 20,309	20,309
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -5,139	-5,139
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 3,600	3,600
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,200	1,200
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 851	851
08-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 21,160	21,160
08-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49	ORD -1,385	-1,385
08-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -342	-1,710
08-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,880	14,400
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -83,853	-83,853
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 52,822	52,822
09-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.46	ORD 1,254	1,254
09-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	4.43	ORD -5,280	-5,280
09-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 714	714
09-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 714	714
09-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 2,856	2,856
09-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 11,469	11,469
09-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -2,837	-2,837
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 48,888	48,888
09-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,823	2,823
09-Apr-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -6,090	-6,090
09-Apr-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -41,554	-41,554
09-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,466	7,330
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -17,079	-17,079
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 37,730	37,730
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,174	-8,174
12-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.42	ORD 697	697
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.37	ORD 4,211	4,211
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.37	ORD -1,432	-1,432
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.37	ORD 3,825	3,825
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.37	ORD 79,869	79,869
12-Apr-21	BlackRock International Limited	on mkt buy	4.37	ORD 16,102	16,102
12-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.37	ORD 594	594
12-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.37	ORD -21,908	-21,908
12-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.37	ORD -36,298	-36,298
12-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.37	ORD 1,428	1,428
12-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 27,180	27,180
12-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,176	5,880
12-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,060	-15,300
13-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.41	ORD 575	575
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD 22,469	22,469
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 3,224	3,224
13-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 2,136	2,136
13-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.39	ORD -7,652	-7,652
13-Apr-21	BlackRock Fund Advisors	on mkt buy	4.39	ORD 715	715
13-Apr-21	BlackRock Fund Advisors	on mkt buy	4.39	ORD 12,445	12,445
13-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39	ORD 18,487	18,487
13-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39	ORD 4,838	4,838

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
13-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40 ORD 6,692	6,692
13-Apr-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -58	-290
13-Apr-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,080	-5,400
14-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 8,858	8,858
14-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 45,276	45,276
14-Apr-21	BlackRock Fund Advisors	on mkt buy	4.40 ORD 12,233	12,233
14-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.41 ORD 591	591
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 2,096	2,096
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 451	451
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 441	441
14-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 386	386
14-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 2,396	2,396
14-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 1,564	1,564
14-Apr-21	BlackRock Fund Advisors	on mkt buy	4.40 ORD 46,234	46,234
14-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40 ORD -80,092	-80,092
14-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 203,167	203,167
14-Apr-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.40 ORD -15,268	-15,268
14-Apr-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -4,782	-23,910
15-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 45,276	45,276
15-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD -336,268	-336,268
15-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD -40,054	-40,054
15-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 2,823	2,823
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.43 ORD -40,632	-40,632
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 8,512	8,512
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -20,316	-20,316
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.41 ORD -121,896	-121,896
15-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 2,408	2,408
15-Apr-21	BlackRock Asset Management North Asia Limited	on mkt buy	4.40 ORD 19,119	19,119
15-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 8,484	8,484
15-Apr-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,912	-9,560
16-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 7,680	7,680
16-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 9,216	9,216
16-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD -84,067	-84,067
16-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 8,894	8,894
16-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	4.40 ORD -96,040	-96,040
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 1,047	1,047
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 213	213
16-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 210	210
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 4,257	4,257
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 3,603	3,603
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 4,654	4,654
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 7,518	7,518
16-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 716	716
16-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	4.40 ORD -20,154	-20,154
16-Apr-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 283	1,415
19-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 8,822	8,822
19-Apr-21	BlackRock Fund Advisors	in specie	n/a ORD 17,644	17,644
19-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.39 CFD 3,784	3,784
19-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.38 CFD 13,219	13,219
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.38 ORD 4,257	4,257



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19-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 4,257	4,257
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 8,514	8,514
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.38	ORD -40,608	-40,608
19-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38	ORD -2,208	-2,208
19-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38	ORD -6,628	-6,628
19-Apr-21	BlackRock Fund Advisors	on mkt buy	4.38	ORD 38,532	38,532
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 551	551
19-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 1,584	1,584
19-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,715	4,715
19-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,198	5,990
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -36,990	-36,990
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -84,161	-84,161
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -57,280	-57,280
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,216	9,216
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,772	3,772
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,829	2,829
20-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,829	2,829
20-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	CFD 18,386	18,386
20-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.47	ORD 6,388	6,388
20-Apr-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.47	CFD 10,352	10,352
20-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 190	190
20-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 1,436	1,436
20-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -914	-914
20-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -65,448	-65,448
20-Apr-21	BlackRock Fund Advisors	on mkt buy	4.48	ORD 4,983	4,983
20-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	ORD 5,785	5,785
20-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	ORD 1,498	1,498
20-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 1,418	1,418
20-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 31,051	31,051
20-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -370	-1,850
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 45,276	45,276
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,968	8,968
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,817	2,817
21-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -1,569	-1,569
21-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -320	-320
21-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.42	ORD -304	-304
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 40,604	40,604
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 4,284	4,284
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 4,284	4,284
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 8,568	8,568
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -40,604	-40,604
21-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 264	264
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.43	ORD -2,480	-2,480
21-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 4,058	4,058
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 10,926	10,926
21-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 12,140	12,140
21-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,232	16,160
22-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 52,822	52,822
22-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 10,752	10,752
22-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,452	13,452

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
22-Apr-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.40	ORD -31,470	-31,470
22-Apr-21	BlackRock Asset Management North Asia Limited	on mkt sell	4.40	ORD -19,418	-19,418
22-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD 20,243	20,243
22-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.41	ORD 8,336	8,336
22-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 1,670	1,670
22-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 264	264
22-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.42	ORD 87,886	87,886
22-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -5,091	-25,455
23-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.44	ORD 6,448	6,448
23-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.43	ORD 8,080	8,080
23-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 8,642	8,642
23-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 1,204	1,204
23-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 3,590	3,590
23-Apr-21	BlackRock Fund Advisors	on mkt buy	4.45	ORD 31,378	31,378
23-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.45	ORD 637	637
23-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -3,733	-3,733
23-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 360	1,800
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,750	9,750
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,875	4,875
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 5,850	5,850
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,430	-11,430
26-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,430	-11,430
26-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 260	1,300
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 37,730	37,730
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -40,600	-40,600
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,830	1,830
27-Apr-21	BlackRock Asset Management Canada Limited	on mkt sell	4.44	ORD -1,035	-1,035
27-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.47	ORD 6,767	6,767
27-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD 21,003	21,003
27-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	CFD 51,311	51,311
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 8,660	8,660
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -60,900	-60,900
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 2,414	2,414
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 2,148	2,148
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 836	836
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 264	264
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 4,647	4,647
27-Apr-21	BlackRock Japan Co., Ltd.	on mkt sell	4.46	ORD -11,802	-11,802
27-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 13,080	13,080
27-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 34,275	34,275
27-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -465	-2,325
28-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,220	-8,220
28-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,490	-11,490
28-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,896	8,896
28-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -17,235	-17,235
28-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,896	8,896
28-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,896	8,896
28-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 1,516	1,516
28-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 323	323

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28-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 317	317
28-Apr-21	BlackRock Asset Management Canada Limited	in specie	n/a	ORD 12,003	12,003
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -20,290	-20,290
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 1,065	1,065
28-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 1,775	1,775
28-Apr-21	BlackRock Fund Advisors	on mkt buy	4.44	ORD 50,261	50,261
28-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.44	ORD 818	818
28-Apr-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -34,934	-34,934
28-Apr-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -21,496	-21,496
28-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,183	-5,915
29-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD -84,161	-84,161
29-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
29-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 8,848	8,848
29-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 3,603	3,603
29-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 3,949	3,949
29-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
29-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,509	13,509
29-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,792	8,960
30-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,401	13,401
30-Apr-21	BlackRock Fund Advisors	in specie	n/a	ORD 47,145	47,145
30-Apr-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 8,616	8,616
30-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	ORD 17,941	17,941
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -40,578	-40,578
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 4,331	4,331
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 8,662	8,662
30-Apr-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -7,590	-7,590
30-Apr-21	BlackRock Asset Management Canada Limited	on mkt buy	4.40	ORD 1,223	1,223
30-Apr-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40	ORD 3,866	3,866
30-Apr-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 2,976	2,976
30-Apr-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -14,248	-14,248
30-Apr-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 32,156	32,156
30-Apr-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -14,809	-14,809
30-Apr-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -137	-685
03-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD 2,728	2,728
03-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,081	5,405
04-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.54	ORD 8,047	8,047
04-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	ORD 19,018	19,018
04-May-21	BlackRock Fund Advisors	in specie	n/a	ORD -63,162	-63,162
04-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 60,464	60,464
04-May-21	BlackRock Fund Advisors	on mkt buy	4.55	ORD 31,676	31,676
04-May-21	BlackRock International Limited	in specie	n/a	ORD -10,577	-10,577
04-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 20	100
05-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 21,350	21,350
05-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 7,434	7,434
05-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.57	ORD -1,194	-1,194
05-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 836	836
05-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 2,508	2,508

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05-May-21	BlackRock Fund Advisors	in specie	n/a ORD 27,060	27,060
05-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 987	4,935
05-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 970	4,850
06-May-21	BlackRock Fund Advisors	in specie	n/a ORD 13,512	13,512
06-May-21	BlackRock Fund Advisors	in specie	n/a ORD -11,456	-11,456
06-May-21	BLACKROCK ADVISORS LLC	on mkt buy	4.55 ORD 13,054	13,054
06-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.55 ORD 5,130	5,130
06-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 25,786	25,786
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 193	193
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 386	386
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 4,970	4,970
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 264	264
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 264	264
06-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -20,282	-20,282
06-May-21	BlackRock Asset Management Canada Limited	on mkt buy	4.56 ORD 1,319	1,319
06-May-21	BlackRock International Limited	on mkt sell	4.56 ORD -15,682	-15,682
06-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 772	772
06-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -19,096	-19,096
06-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 100	500
06-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 721	3,605
07-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58 ORD 24,511	24,511
07-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.58 ORD 7,562	7,562
07-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58 ORD 14,349	14,349
07-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -734	-734
07-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -153	-153
07-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -147	-147
07-May-21	BlackRock Fund Advisors	in specie	n/a ORD 9,810	9,810
07-May-21	BlackRock Fund Advisors	in specie	n/a ORD 26,940	26,940
07-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59 ORD -22,568	-22,568
07-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -1,188	-1,188
07-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -818	-818
07-May-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.58 ORD 4,219	4,219
07-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58 ORD 2,609	2,609
07-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 298	1,490
07-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 235	1,175
10-May-21	BlackRock Fund Advisors	in specie	n/a ORD 17,667	17,667
10-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53 ORD -8,432	-8,432
10-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -1,188	-1,188
10-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 528	528
10-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53 ORD -6,448	-6,448
10-May-21	BlackRock Fund Advisors	in specie	n/a ORD 27,030	27,030
10-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 258	1,290
11-May-21	BlackRock Fund Advisors	in specie	n/a ORD -11,474	-11,474
11-May-21	BlackRock Fund Advisors	in specie	n/a ORD 9,156	9,156
11-May-21	BlackRock Fund Advisors	in specie	n/a ORD 13,734	13,734
11-May-21	BlackRock Fund Advisors	in specie	n/a ORD -1,864	-1,864
11-May-21	BlackRock Fund Advisors	in specie	n/a ORD 14,798	14,798
11-May-21	BlackRock Fund Advisors	in specie	n/a ORD 7,344	7,344

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
11-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	ORD 7,093	7,093
11-May-21	BlackRock International Limited	on mkt buy	4.55	ORD 3,465	3,465
11-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	CFD 8,999	8,999
11-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	ORD 14,230	14,230
11-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 264	264
11-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -978	-978
11-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 44,246	44,246
11-May-21	BlackRock Investment Management, LLC	on mkt buy	4.55	ORD 13,506	13,506
11-May-21	BlackRock Fund Advisors	on mkt buy	4.55	ORD 735	735
11-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,065	1,065
11-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 25,821	25,821
11-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 27,180	27,180
11-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 866	4,330
11-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 113	565
12-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,232	30,232
12-May-21	BlackRock Fund Advisors	in specie	n/a	ORD -45,816	-45,816
12-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,836	8,836
12-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 794	794
12-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 168	168
12-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 165	165
12-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 5,075	5,075
12-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 802	802
12-May-21	BlackRock Asset Management Canada Limited	on mkt buy	4.54	ORD 1,554	1,554
12-May-21	BlackRock Asset Management Canada Limited	on mkt buy	4.54	ORD 8,990	8,990
12-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -1,186	-1,186
12-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 799	3,995
13-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 84,161	84,161
13-May-21	BlackRock Fund Advisors	in specie	n/a	ORD -7,469	-7,469
13-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.49	ORD 5,952	5,952
13-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -7,492	-7,492
13-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -14,984	-14,984
13-May-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.47	ORD 14,175	14,175
13-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 692	3,460
14-May-21	BlackRock Fund Advisors	in specie	n/a	ORD -68,796	-68,796
14-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.46	ORD 5,501	5,501
14-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 40,562	40,562
14-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 708	708
14-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 3,186	3,186
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -4,084	-4,084
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -4,084	-4,084
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -4,084	-4,084
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -3,742	-3,742
14-May-21	BlackRock Asset Management Canada Limited	on mkt buy	4.46	ORD 1,009	1,009
14-May-21	BlackRock Fund Advisors	on mkt buy	4.46	ORD 28,369	28,369
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -20,281	-20,281
14-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -4,084	-4,084
14-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -1,456	-1,456
14-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 701	3,505
14-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,879	9,395
17-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 20,205	20,205
17-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 17,511	17,511

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
17-May-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.47	ORD -11,774	-11,774
17-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 386	386
17-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 1,775	1,775
17-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 3,820	3,820
17-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 267	267
17-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 53	265
17-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,090	-15,450
18-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,685	7,685
18-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,350	13,350
18-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,350	13,350
18-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 798	798
18-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 798	798
18-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 1,512	1,512
18-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 1,460	1,460
18-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 400	2,000
18-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,162	10,810
19-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,120	6,120
19-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43	ORD -5,319	-5,319
19-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43	ORD -1,086	-1,086
19-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43	ORD -1,088	-1,088
19-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -95,562	-95,562
19-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -1,797	-1,797
19-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -599	-599
19-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.43	ORD 264	264
19-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -916	-916
19-May-21	BlackRock Asset Management Canada Limited	on mkt buy	4.43	ORD 2,385	2,385
19-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -433	-2,165
20-May-21	BlackRock Fund Advisors	in specie	n/a	ORD -28,695	-28,695
20-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 28,982	28,982
20-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 115,928	115,928
20-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 28,982	28,982
20-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 8,734	8,734
20-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 20,286	20,286
20-May-21	BlackRock Fund Advisors	on mkt buy	4.50	ORD 703	703
20-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51	ORD 3,472	3,472
20-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -507	-2,535
21-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 14,491	14,491
21-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD 22,890	22,890
21-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD 17,554	17,554
21-May-21	BlackRock Fund Advisors	on mkt sell	4.53	ORD -707	-707
21-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 808	4,040
24-May-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,472	-11,472
24-May-21	BlackRock Fund Advisors	on mkt buy	4.55	ORD 696	696
24-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	ORD -30,010	-30,010
24-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,092	15,460
25-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD 15,769	15,769
25-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 264	264
25-May-21	BlackRock Investment Management, LLC	on mkt sell	4.52	ORD -24,640	-24,640
25-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 412	412
25-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -215	-1,075
25-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 223	1,115
26-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,220	8,220

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
26-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52 CFD 12,991	12,991
26-May-21	BlackRock Fund Advisors	in specie	n/a ORD 75,680	75,680
26-May-21	BlackRock Fund Advisors	in specie	n/a ORD -34,404	-34,404
26-May-21	BlackRock Fund Advisors	in specie	n/a ORD 28,982	28,982
26-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.50 ORD -209,322	-209,322
26-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52 ORD 773	773
26-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52 ORD 188	188
26-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52 ORD 200	200
26-May-21	BlackRock Fund Advisors	in specie	n/a ORD 5,258	5,258
26-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 8,772	8,772
26-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 1,478	1,478
26-May-21	BlackRock Japan Co., Ltd.	on mkt sell	4.51 ORD -7,065	-7,065
26-May-21	BlackRock Asset Management Canada Limited	on mkt buy	4.51 ORD 845	845
26-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.51 ORD -146,970	-146,970
26-May-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,684	-8,420
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.51 CFD -5,381	-5,381
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 CFD 11,900	11,900
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 4,269	4,269
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 4,269	4,269
27-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -21,345	-21,345
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 686	686
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 1,480	1,480
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 4,269	4,269
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -175,999	-175,999
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -51,477	-51,477
27-May-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55 ORD -48,870	-48,870
27-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -9,775	-9,775
27-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -24,404	-24,404
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -9,754	-9,754
27-May-21	BlackRock Investment Management, LLC	on mkt sell	4.55 ORD -10,258	-10,258
27-May-21	BlackRock Investment Management, LLC	on mkt sell	4.55 ORD -21,673	-21,673
27-May-21	BlackRock Fund Advisors	on mkt sell	4.55 ORD -336,544	-336,544
27-May-21	BlackRock Fund Advisors	on mkt buy	4.55 ORD 141,987	141,987
27-May-21	BlackRock Fund Advisors	on mkt sell	4.55 ORD -3,923	-3,923
27-May-21	BlackRock Fund Advisors	on mkt sell	4.55 ORD -99,941	-99,941
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 17,001	17,001
27-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -12,834	-12,834
27-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 45,088	45,088
27-May-21	BlackRock Fund Advisors	on mkt sell	4.55 ORD -104,691	-104,691
27-May-21	BlackRock Fund Advisors	on mkt buy	4.55 ORD 2,937	2,937
27-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.55 ORD 6,562	6,562
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -80,099	-80,099
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -20,637	-20,637
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -5,136	-5,136
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -111,626	-111,626

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27-May-21	BlackRock Asset Management Canada Limited	on mkt sell	4.55	ORD -8,088	-8,088
27-May-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	ORD -339,732	-339,732
27-May-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	ORD -139,899	-139,899
27-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	ORD 294,336	294,336
27-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	ORD 260,466	260,466
27-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	ORD 49,066	49,066
27-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	ORD 188,152	188,152
27-May-21	BlackRock Asset Management Canada Limited	on mkt sell	4.55	ORD -37,398	-37,398
27-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 5,078	5,078
27-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 14,055	14,055
27-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,841	24,205
28-May-21	BlackRock Fund Advisors	in specie	n/a	ORD 65,590	65,590
28-May-21	BlackRock Fund Advisors	on mkt buy	4.50	ORD 5,931	5,931
28-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 688	688
28-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,885	1,885
28-May-21	BlackRock Fund Advisors	on mkt buy	4.50	ORD 303	303
28-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.50	ORD 11,879	11,879
28-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 10,879	10,879
28-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 2,051	2,051
28-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 7,553	7,553
28-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	CFD 9,093	9,093
28-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.50	ORD 2,846	2,846
28-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 264	264
28-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 528	528
28-May-21	BlackRock Fund Advisors	on mkt buy	4.50	ORD 87,808	87,808
28-May-21	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -66,409	-66,409
28-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	ORD -84,223	-84,223
28-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	ORD -25,292	-25,292
28-May-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 842	4,210
31-May-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 20	20
31-May-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.53	ORD 415	415
31-May-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 306	306
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 11,777	11,777
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 2,409	2,409
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 473	473
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD 461	461
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD -2,745	-2,745
31-May-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD -887	-887
01-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,536	-11,536



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
01-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	-28,840	-28,840
01-Jun-21	BlackRock Fund Advisors	on mkt buy	4.59	ORD	40,690	40,690
01-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.59	ORD	1,568	1,568
01-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59	ORD	-2,836	-2,836
01-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	-5,768	-5,768
01-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-222	-1,110
02-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	-11,504	-11,504
02-Jun-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.59	ORD	9,540	9,540
02-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59	ORD	-209,590	-209,590
02-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59	ORD	40	40
02-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59	ORD	38	38
02-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.61	ORD	-12,071	-12,071
02-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	4,287	4,287
02-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	1,735	1,735
02-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	1,388	1,388
02-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	3,817	3,817
02-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	877	877
02-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	264	264
02-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	32,536	32,536
02-Jun-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-76,337	-76,337
02-Jun-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-76,528	-76,528
02-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-185	-925
03-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	9,486	9,486
03-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	7,905	7,905
03-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	6,912	6,912
03-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	19,110	19,110
03-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.62	CFD	-7,888	-7,888
03-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	193	193
03-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	2,130	2,130
03-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	3,550	3,550
03-Jun-21	BlackRock Fund Advisors	on mkt buy	4.61	ORD	682	682
03-Jun-21	BlackRock Fund Advisors	on mkt buy	4.61	ORD	30,024	30,024
03-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD	-10,664	-10,664
03-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-36	-180
04-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	53,382	53,382
04-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD	193,593	193,593
04-Jun-21	BlackRock Fund Advisors	on mkt buy	4.65	ORD	5,066	5,066
04-Jun-21	BlackRock Fund Advisors	on mkt buy	4.65	ORD	17,692	17,692
04-Jun-21	BlackRock Fund Advisors	on mkt buy	4.65	ORD	67,872	67,872
04-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.66	ORD	-112,073	-112,073
04-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	ORD	132	132
04-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	ORD	29	29
04-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.67	ORD	-9,920	-9,920
04-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-511	-2,555
07-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-48	-240
08-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD	14,112	14,112

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08-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70 ORD 8,279	8,279
08-Jun-21	BlackRock International Limited	on mkt sell	4.73 ORD -3,034	-3,034
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 1,207	1,207
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 622	622
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 826	826
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 3,530	3,530
08-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 622	622
08-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75 ORD -66,507	-66,507
08-Jun-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,215	-6,075
09-Jun-21	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 13,246	13,246
09-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD 4,026	4,026
09-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.78 ORD -4,404	-4,404
09-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 3,916	3,916
09-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 1,780	1,780
09-Jun-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 17	85
10-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD -11,336	-11,336
10-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD 16,080	16,080
10-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76 ORD 1,418	1,418
10-Jun-21	BlackRock Fund Advisors	on mkt buy	4.75 ORD 30,681	30,681
10-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75 ORD -26,380	-26,380
10-Jun-21	BlackRock Fund Advisors	on mkt sell	4.75 ORD -2,053	-2,053
10-Jun-21	BlackRock Fund Advisors	on mkt sell	4.75 ORD -108,670	-108,670
10-Jun-21	BlackRock Fund Advisors	on mkt sell	4.75 ORD -32,971	-32,971
10-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75 ORD -5,117	-5,117
10-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76 ORD 496	496
10-Jun-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 338	1,690
11-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.81 ORD 4,983	4,983
11-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD 13,183	13,183
11-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD 1,731	1,731
11-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.81 ORD 4,083	4,083
11-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.78 ORD -6,612	-6,612
11-Jun-21	BlackRock Japan Co., Ltd.	on mkt sell	4.81 ORD -29,260	-29,260
11-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82 ORD -12,807	-12,807
11-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82 ORD -3,696	-3,696
11-Jun-21	BlackRock Asset Management North Asia Limited	on mkt sell	4.82 ORD -17,153	-17,153
11-Jun-21	BlackRock Fund Advisors	on mkt sell	4.82 ORD -6,317	-6,317
11-Jun-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -725	-3,625
14-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD 2,684	2,684
14-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD 13,767	13,767
14-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 193	193
14-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 704	704
14-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 1,408	1,408
14-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 1,700	1,700
14-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.80 ORD -9,462	-9,462
14-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.80 ORD -7,420	-7,420
14-Jun-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.80 ORD -26,197	-26,197
14-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD -2,674	-2,674
14-Jun-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,482	-7,410
15-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD 18,786	18,786
15-Jun-21	BlackRock Fund Advisors	in specie	n/a ORD 8,045	8,045

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 2,832	2,832
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 863	863
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 863	863
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 1,726	1,726
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 1,726	1,726
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -9,498	-9,498
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -18,996	-18,996
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -14,247	-14,247
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -7,418	-7,418
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -976	-976
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -1,952	-1,952
15-Jun-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.82	ORD 2,005	2,005
15-Jun-21	BlackRock Fund Advisors	on mkt buy	4.82	ORD 657	657
15-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 4,610	4,610
15-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.82	ORD 6,724	6,724
15-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -57,399	-57,399
15-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 18,180	18,180
15-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 703	3,515
16-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 983	983
16-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 217	217
16-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 173	173
16-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.76	ORD 6,969	6,969
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -27,652	-27,652
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,100	8,100
16-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,348	-11,348
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 193	193
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,612	1,612
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -7,416	-7,416
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 264	264
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,493	1,493
16-Jun-21	BlackRock Investment Management, LLC	on mkt sell	4.75	ORD -19,679	-19,679
16-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -39,924	-39,924
16-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,497	-17,485
17-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,168	30,168
17-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 45,266	45,266
17-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 19,268	19,268
17-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 18,554	18,554
17-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 2,271	2,271
17-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.75	ORD 14,236	14,236
17-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.75	ORD 3,102	3,102
17-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 4,734	4,734
17-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.75	ORD 2,750	2,750
17-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.75	ORD 11,996	11,996
17-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.73	ORD -20,088	-20,088
17-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,210	1,210
17-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,760	1,760
17-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.75	ORD 1,510	1,510
17-Jun-21	BlackRock Japan Co., Ltd.	in specie	n/a	ORD -317,644	-317,644
17-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -596	-2,980
18-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -41,478	-41,478

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18-Jun-21	BlackRock International Limited	on mkt buy	4.76	ORD 1,654	1,654
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 156	156
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 3,811	3,811
18-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.76	ORD 23,884	23,884
18-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.76	ORD 5,206	5,206
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 75,945	75,945
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 7,943	7,943
18-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD 4,616	4,616
18-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD 20,126	20,126
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 43,473	43,473
18-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 31,129	31,129
18-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.74	ORD -212,403	-212,403
18-Jun-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.74	ORD 36,687	36,687
18-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 3,867	3,867
18-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,217	-11,085
21-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -17,046	-17,046
21-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 579	579
21-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 1,207	1,207
21-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.74	ORD 26,988	26,988
21-Jun-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -126,919	-126,919
21-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 706	3,530
22-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,264	6,264
22-Jun-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.77	ORD 6,935	6,935
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 4,160	4,160
22-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77	ORD 26,076	26,076
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 4,923	4,923
22-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77	ORD 5,683	5,683
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 73,734	73,734
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 8,673	8,673
22-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.77	ORD 5,039	5,039
22-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.77	ORD 21,974	21,974
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 31,519	31,519
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 24,983	24,983
22-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 3,177	3,177
22-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 818	818
22-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 258	258
22-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 264	264
22-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -896	-896
22-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,492	1,492
22-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	ORD -23,272	-23,272
22-Jun-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 18,193	18,193

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22-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,119	-15,595
23-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	-13,826	-13,826
23-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD	1,540	1,540
23-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD	304	304
23-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD	288	288
23-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD	1,459	1,459
23-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.77	ORD	23,276	23,276
23-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	1,207	1,207
23-Jun-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.78	ORD	-75,882	-75,882
23-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD	-41,251	-41,251
23-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,776	-13,880
24-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD	-56,740	-56,740
24-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.76	ORD	16,979	16,979
24-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	4,468	4,468
24-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.76	ORD	3,838	3,838
24-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	43,903	43,903
24-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	5,963	5,963
24-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD	3,596	3,596
24-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD	14,375	14,375
24-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	12,921	12,921
24-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	1,207	1,207
24-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	2,124	2,124
24-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	3,352	3,352
24-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	ORD	-11,678	-11,678
24-Jun-21	BlackRock Fund Advisors	on mkt buy	4.75	ORD	7,132	7,132
24-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.75	ORD	2,329	2,329
24-Jun-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	ORD	15,845	15,845
24-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	495	2,475
25-Jun-21	BlackRock Investment Management, LLC	on mkt sell	4.78	ORD	-18,042	-18,042
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	533	533
25-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.79	ORD	3,342	3,342
25-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.79	ORD	728	728
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	10,478	10,478
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	1,111	1,111
25-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD	645	645
25-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD	2,816	2,816
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	4,010	4,010
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	3,065	3,065
25-Jun-21	BlackRock Japan Co., Ltd.	on mkt buy	4.79	ORD	3,564	3,564
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD	3,021	3,021
25-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.82	ORD	18,935	18,935

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25-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.82	ORD 4,128	4,128
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 59,363	59,363
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 6,297	6,297
25-Jun-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.82	ORD 4,628	4,628
25-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 3,659	3,659
25-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 15,957	15,957
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 22,716	22,716
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 17,362	17,362
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 1,317	1,317
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 266	266
25-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 264	264
25-Jun-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -557	-557
25-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 872	872
25-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 40,459	40,459
25-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.82	ORD -3,474	-3,474
25-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.82	ORD -20,797	-20,797
25-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 483	2,415
28-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 12,616	12,616
28-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 18,428	18,428
28-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,998	-16,998
28-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 1,510	1,510
28-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,204	1,204
28-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,204	1,204
28-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 2,492	2,492
28-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 992	992
28-Jun-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 48,329	48,329
28-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,200	3,200
28-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 166	830
28-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,900	9,500
29-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -68,980	-68,980
29-Jun-21	BlackRock Fund Advisors	in specie	n/a	ORD -27,652	-27,652
29-Jun-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.82	ORD -6,607	-6,607
29-Jun-21	BlackRock Investment Management, LLC	in specie	n/a	ORD 8,103	8,103
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 3,401	3,401
29-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.82	ORD 21,318	21,318
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 4,024	4,024
29-Jun-21	BLACKROCK ADVISORS LLC	on mkt buy	4.82	ORD 4,647	4,647
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 67,788	67,788
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 7,090	7,090
29-Jun-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.82	ORD 7,186	7,186
29-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 4,120	4,120

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
29-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 17,965	17,965
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 27,064	27,064
29-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 2,499	2,499
29-Jun-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 4,415	4,415
29-Jun-21	BlackRock Fund Advisors	on mkt sell	4.82	ORD -8,194	-8,194
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -36,615	-36,615
29-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 3,165	3,165
29-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 787	3,935
29-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -722	-3,610
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 3,594	3,594
30-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.81	ORD 5,628	5,628
30-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.81	ORD 5,806	5,806
30-Jun-21	BlackRock Investment Management, LLC	on mkt buy	4.81	ORD 46,800	46,800
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 426	426
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 78	78
30-Jun-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 78	78
30-Jun-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 2,136	2,136
30-Jun-21	BlackRock Fund Advisors	on mkt buy	4.80	ORD 1,017	1,017
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -5,149	-5,149
30-Jun-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -4,443	-4,443
30-Jun-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD 8,163	8,163
30-Jun-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD 133,066	133,066
30-Jun-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -77	-385
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,880	-8,880
01-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,368	9,368
01-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -3,934	-3,934
01-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.83	ORD 15,897	15,897
01-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 50,552	50,552
01-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.83	ORD 13,397	13,397
01-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 28,938	28,938
01-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 20,721	20,721
01-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 2,529	2,529
01-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 3,001	3,001
01-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.83	ORD 3,465	3,465
01-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 5,286	5,286
01-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.83	ORD 3,072	3,072
01-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 5,058	5,058
01-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 356	356
01-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 824	824
01-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 908	908
01-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.83	ORD -34,679	-34,679

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01-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80 ORD 2,480	2,480
01-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD 26,700	26,700
01-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -14,754	-73,770
02-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD 9,660	9,660
02-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD -27,652	-27,652
02-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD 75,420	75,420
02-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.85 ORD 21,772	21,772
02-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85 ORD 69,231	69,231
02-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.85 ORD 18,348	18,348
02-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85 ORD 30,289	30,289
02-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85 ORD 27,868	27,868
02-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85 ORD 3,474	3,474
02-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85 ORD 4,109	4,109
02-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.85 ORD 4,746	4,746
02-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85 ORD 7,241	7,241
02-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.85 ORD 4,208	4,208
02-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 193	193
02-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 1,648	1,648
02-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 1,648	1,648
02-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 264	264
02-Jul-21	BlackRock Fund Advisors	on mkt buy	4.86 ORD 1,210	1,210
02-Jul-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.86 ORD 18,878	18,878
02-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD 5,055	5,055
02-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 153	765
02-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -508	-2,540
05-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.85 ORD 2,666	2,666
05-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83 ORD 1,424	1,424
05-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 29,679	29,679
06-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD -11,320	-11,320
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 193	193
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 1,205	1,205
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 1,205	1,205
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 1,205	1,205
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 4,615	4,615
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 6,035	6,035
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 4,422	4,422
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82 ORD -3,695	-3,695
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 263	263
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 264	264
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 908	908
06-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82 ORD -23,632	-23,632
06-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82 ORD 2,726	2,726
06-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82 ORD 21,372	21,372
06-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 18,224	91,120
07-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD 8,055	8,055
07-Jul-21	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -58,492	-58,492
07-Jul-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.84 ORD -28,186	-28,186



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07-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 3,400	3,400
07-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 1,290	1,290
07-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 234	234
07-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	ORD 231	231
07-Jul-21	BlackRock Investment Management, LLC	on mkt buy	4.86	ORD 5,417	5,417
07-Jul-21	BlackRock Investment Management, LLC	on mkt buy	4.86	ORD 5,209	5,209
07-Jul-21	BlackRock Investment Management, LLC	on mkt buy	4.86	ORD 63,844	63,844
07-Jul-21	BlackRock International Limited	on mkt sell	4.86	ORD -2,085	-2,085
07-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 2,506	2,506
07-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD -44,520	-44,520
07-Jul-21	BlackRock Fund Advisors	on mkt buy	4.86	ORD 831	831
07-Jul-21	BlackRock Asset Management Canada Limited	on mkt sell	4.86	ORD -4,581	-4,581
07-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 35,910	35,910
07-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,155	5,775
07-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,889	9,445
08-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,448	6,448
08-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,998	-16,998
08-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 3,723	3,723
08-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.91	ORD 23,334	23,334
08-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 3,610	3,610
08-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.91	ORD 5,085	5,085
08-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 74,196	74,196
08-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 7,759	7,759
08-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.91	ORD 4,509	4,509
08-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.91	ORD 19,664	19,664
08-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 42,471	42,471
08-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 30,413	30,413
08-Jul-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.92	ORD 11,730	11,730
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 2,492	2,492
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 1,780	1,780
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 828	828
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 916	916
08-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -29,018	-29,018
08-Jul-21	BlackRock Fund Advisors	on mkt buy	4.92	ORD 91,896	91,896
08-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -788	-3,940
09-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -28,786	-28,786
09-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -83,506	-83,506
09-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -167,012	-167,012
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 3,356	3,356
09-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.89	ORD 21,041	21,041
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 3,971	3,971
09-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.89	ORD 4,586	4,586
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 66,904	66,904
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 6,997	6,997
09-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.89	ORD 4,066	4,066

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09-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.89	ORD 17,731	17,731
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 38,299	38,299
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 27,423	27,423
09-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 1,202	1,202
09-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 2,404	2,404
09-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 1,068	1,068
09-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 3,718	3,718
09-Jul-21	BlackRock Fund Advisors	on mkt buy	4.89	ORD 5,109	5,109
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 6,856	6,856
09-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 2,592	2,592
09-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	ORD 3,458	3,458
09-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,575	7,875
12-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 1,202	1,202
12-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 1,445	1,445
12-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -1,229	-1,229
12-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 21,987	21,987
12-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,034	5,170
12-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 364	1,820
13-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,332	-11,332
13-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,674	2,674
13-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 4,725	4,725
13-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	CFD 16,432	16,432
13-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD 3,083	3,083
13-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.92	ORD 19,326	19,326
13-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.92	ORD 4,212	4,212
13-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD 61,450	61,450
13-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD 6,427	6,427
13-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.92	ORD 3,734	3,734
13-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.92	ORD 16,285	16,285
13-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD 35,176	35,176
13-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD 25,189	25,189
13-Jul-21	BlackRock Japan Co., Ltd.	on mkt sell	4.92	ORD -77,746	-77,746
13-Jul-21	BlackRock Asset Management North Asia Limited	on mkt sell	4.92	ORD -21,631	-21,631
13-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.92	ORD 1,127	1,127
13-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.92	ORD 4,585	4,585
13-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.92	ORD 910	910
13-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -27,171	-27,171
13-Jul-21	BlackRock Japan Co., Ltd.	on mkt sell	4.92	ORD -43,063	-43,063
13-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 715	3,575
13-Jul-21	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -74,162	-74,162
13-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,000	5,000
14-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,516	3,516

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14-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 125	125
14-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 79	79
14-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 35	35
14-Jul-21	BlackRock Investment Management, LLC	on mkt buy	4.86	ORD 13,420	13,420
14-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 193	193
14-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 388	388
14-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 14,220	14,220
14-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 55,922	55,922
14-Jul-21	BlackRock Investment Management, LLC	on mkt buy	4.84	ORD 15,591	15,591
14-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	ORD -1,393	-1,393
14-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,637	2,637
14-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,034	5,170
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -83,506	-83,506
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -17,001	-17,001
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 936	936
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 936	936
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 3,744	3,744
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 9,484	9,484
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 9,484	9,484
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -11,157	-11,157
15-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,446	1,446
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,500	30,500
15-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,760	9,760
15-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,005	-20,025
16-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 15,801	15,801
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 118,665	118,665
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 1,446	1,446
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 3,615	3,615
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 3,195	3,195
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 873	873
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 4,727	4,727
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -33,423	-33,423
16-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD -12,290	-12,290
16-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 39,900	39,900
16-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 5,725	5,725
16-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,226	6,130
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,672	9,672
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 40,540	40,540
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 1,424	1,424
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 4,746	4,746
19-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -740	-3,700
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -75,420	-75,420
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -79,324	-79,324
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,300	13,300
20-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.81	ORD 15,240	15,240
20-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 4,067	4,067
20-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.81	ORD 4,652	4,652
20-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 50,816	50,816
20-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 6,467	6,467
20-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.81	ORD 3,890	3,890

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
20-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.81	ORD 15,191	15,191
20-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 24,918	24,918
20-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 3,437	3,437
20-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	CFD 60,538	60,538
20-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 22,553	22,553
20-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -1,446	-1,446
20-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -4,338	-4,338
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,263	9,263
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 50,540	50,540
20-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 20,590	20,590
20-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -715	-3,575
20-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -462	-2,310
21-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,000	3,000
21-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,421	2,421
21-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 1,103	1,103
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 142,921	142,921
21-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -1,137	-1,137
21-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -268	-268
21-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -281	-281
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 2,892	2,892
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 4,832	4,832
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 4,728	4,728
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 3,717	3,717
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -7,434	-7,434
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 1,497	1,497
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -1,397	-1,397
21-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -505	-2,525
22-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 12,904	12,904
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD 22,481	22,481
22-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 3,122	3,122
22-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77	ORD 11,870	11,870
22-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 3,791	3,791
22-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77	ORD 3,379	3,379
22-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 49,995	49,995
22-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 4,852	4,852
22-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.77	ORD 3,030	3,030
22-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.77	ORD 12,448	12,448
22-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 7,581	7,581
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -1,446	-1,446
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -1,393	-1,393
22-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 6	30
23-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,452	6,452
23-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,147	3,147

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23-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.81	ORD 11,680	11,680
23-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 3,588	3,588
23-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 30,903	30,903
23-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.81	ORD 12,085	12,085
23-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 94,815	94,815
23-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 4,926	4,926
23-Jul-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -206,039	-206,039
23-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,287	-6,435
26-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,026	4,026
26-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,070	8,070
26-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 314	314
26-Jul-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.81	ORD -39,947	-39,947
26-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 197,231	197,231
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -388	-388
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 1,202	1,202
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -1,770	-1,770
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -7,670	-7,670
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 742	742
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -11,148	-11,148
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 264	264
26-Jul-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 1,424	1,424
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -1,770	-1,770
26-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 2,968	2,968
26-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -765	-3,825
27-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD -83,506	-83,506
27-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,421	2,421
27-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD 22,544	22,544
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -6,070	-6,070
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 3,715	3,715
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 3,715	3,715
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 14,860	14,860
27-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -1,392	-1,392
27-Jul-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,131	-15,655
28-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 3,864	3,864
28-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 799	799
28-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 857	857
28-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 79,507	79,507
28-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 3,240	3,240
28-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -4,144	-4,144
28-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 3,718	3,718
28-Jul-21	BlackRock Japan Co., Ltd.	on mkt sell	4.83	ORD -3,889	-3,889
28-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD 44,783	44,783
28-Jul-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.83	ORD 45,590	45,590
28-Jul-21	BlackRock Asset Management Canada Limited	on mkt sell	4.83	ORD -4,552	-4,552
28-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -17,199	-17,199
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 12,280	12,280
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	ORD 43,890	43,890

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28-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-114 -570
28-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-353 -1,765
29-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD	-11,340 -11,340
29-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD	7,960 7,960
29-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78 CFD	72,904 72,904
29-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.78 ORD	8,106 8,106
29-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78 ORD	35,221 35,221
29-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	4.77 ORD	-2,384 -2,384
29-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD	2,834 2,834
29-Jul-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77 ORD	27,045 27,045
29-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD	23,946 23,946
29-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-2,319 -11,595
30-Jul-21	BlackRock Fund Advisors	in specie	n/a ORD	13,998 13,998
30-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74 ORD	308,258 308,258
30-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.74 ORD	172,214 172,214
30-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.74 ORD	29,410 29,410
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD	26,554 26,554
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD	87,267 87,267
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72 ORD	1,446 1,446
30-Jul-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74 ORD	1,206 1,206
30-Jul-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.74 ORD	-52,709 -52,709
30-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74 ORD	-61,625 -61,625
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.72 ORD	-66,237 -66,237
30-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-62 -310
30-Jul-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-433 -2,165
02-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD	-83,506 -83,506
02-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD	9,332 9,332
02-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78 ORD	1,770 1,770
02-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD	26,600 26,600
02-Aug-21	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD	-15,093 -15,093
02-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-2,728 -13,640
03-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD	13,713 13,713
03-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.81 ORD	-4,860 -4,860
03-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80 CFD	4,460 4,460
03-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80 ORD	34,792 34,792
03-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD	3,101 3,101
03-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78 ORD	-7,904 -7,904
03-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD	1,419 1,419
03-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78 ORD	-1,068 -1,068
03-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-694 -3,470
04-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD	12,320 12,320
04-Aug-21	BLACKROCK ADVISORS LLC	on mkt buy	4.82 ORD	453 453
04-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82 ORD	-554 -554
04-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82 ORD	-105 -105

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04-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -102	-102
04-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 100,282	100,282
04-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 388	388
04-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 2,412	2,412
04-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.83	ORD -23,051	-23,051
04-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -249	-1,245
04-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -50	-250
05-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,998	-16,998
05-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.83	ORD 10,277	10,277
05-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 51,804	51,804
05-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD -32,001	-32,001
05-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -646	-3,230
06-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 7,236	7,236
06-Aug-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -2,507	-2,507
06-Aug-21	BlackRock Asset Management Canada Limited	on mkt buy	4.77	ORD 3,341	3,341
06-Aug-21	BlackRock Investment Management, LLC	on mkt sell	4.77	ORD -11,507	-11,507
06-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD 100,134	100,134
06-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 3,427	3,427
06-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,209	1,209
06-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 3,204	3,204
06-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -1,776	-1,776
06-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 457	457
06-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 12,528	12,528
06-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -718	-3,590
09-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,216	9,216
09-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD -14,393	-14,393
09-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 386	386
09-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -3,734	-3,734
09-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -26,267	-26,267
09-Aug-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -11,578	-11,578
09-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,772	-8,860
10-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 22,142	22,142
10-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 20,645	20,645
10-Aug-21	BlackRock Fund Advisors	on mkt buy	4.76	ORD 122,151	122,151
10-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 10,577	10,577
10-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 1,206	1,206
10-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 3,172	3,172
10-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -9,496	-9,496
10-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 11,199	11,199
10-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 54,316	54,316
10-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 18,360	18,360
10-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD -8,949	-8,949
10-Aug-21	BLACKROCK ADVISORS LLC	in specie	n/a	ORD -47,818	-47,818
10-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,962	-9,810
11-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,220	9,220
11-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,830	13,830
11-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,830	13,830

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11-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76 ORD 325	325
11-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76 ORD 32	32
11-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75 ORD 100,089	100,089
11-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76 ORD 31	31
11-Aug-21	BLACKROCK ADVISORS LLC	on mkt buy	4.76 ORD 1,283	1,283
11-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD 69,878	69,878
11-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76 ORD -972	-972
11-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -489	-2,445
11-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -761	-3,805
12-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73 ORD 5,144	5,144
12-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD 50,889	50,889
12-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD 92,133	92,133
12-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73 ORD 4,824	4,824
12-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -4,746	-4,746
12-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.73 ORD 262	262
12-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD -17,022	-17,022
12-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 124	620
12-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,157	-5,785
13-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 11,305	11,305
13-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72 ORD 817	817
13-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72 ORD 124	124
13-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72 ORD 122	122
13-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72 ORD 71,907	71,907
13-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72 ORD 83,859	83,859
13-Aug-21	BlackRock International Limited	on mkt sell	4.72 ORD -18,655	-18,655
13-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -58,991	-58,991
13-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 36,058	36,058
13-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,786	-13,930
16-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 13,927,739	13,927,739
16-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD -62,964	-62,964
16-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 5,063	5,063
16-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.71 ORD 5,799	5,799
16-Aug-21	BlackRock Fund Advisors	on mkt buy	4.71 ORD 46,645	46,645
16-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71 ORD 1,482	1,482
16-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,496	-7,480
17-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 2,684	2,684
17-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 17,290	17,290
17-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 11,124	11,124
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74 ORD 9,484	9,484
17-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74 CFD 8,531	8,531
17-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73 ORD 5,022	5,022



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17-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.73	ORD 9,389	9,389
17-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD -4,398	-4,398
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74	ORD -3,458	-3,458
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 1,446	1,446
17-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 31,689	31,689
17-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -300	-1,500
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,182	9,182
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,132	3,132
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,773	13,773
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,626	1,626
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,626	1,626
18-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 477	477
18-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 163	163
18-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 165	165
18-Aug-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77	ORD 1,559	1,559
18-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -21,633	-21,633
18-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.76	ORD -57,323	-57,323
18-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 1,158	1,158
18-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -5,149	-5,149
18-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 869	869
18-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 1,056	1,056
18-Aug-21	BlackRock Investment Management, LLC	on mkt sell	4.76	ORD -6,020	-6,020
18-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 16,156	16,156
18-Aug-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD 1,439	1,439
18-Aug-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD 1,583	1,583
18-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	ORD 1,068	1,068
18-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,116	-5,580
18-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -719	-3,595
19-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	ORD 3,778	3,778
19-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 1,206	1,206
19-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 714	714
19-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 850	850
19-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 7,500	7,500
19-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 7,500	7,500
19-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 11,250	11,250
19-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 2,054	2,054
19-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -71,949	-71,949
19-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	ORD 2,717	2,717
19-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -393	-1,965
19-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -924	-4,620
20-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 16,030	16,030
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 1,771	1,771
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 373	373
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 370	370

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20-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78 ORD -14,357	-14,357
20-Aug-21	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -8,551	-8,551
20-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78 ORD 3,113	3,113
20-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.78 ORD 9,938	9,938
20-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.78 ORD -3,740	-3,740
20-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.78 ORD -92,032	-92,032
20-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -864	-4,320
23-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD 140,081	140,081
23-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 7,497	7,497
23-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 3,213	3,213
23-Aug-21	BlackRock International Limited	on mkt sell	4.81 ORD -17,880	-17,880
23-Aug-21	BlackRock International Limited	in specie	n/a ORD -25,640	-25,640
23-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,424	-7,120
24-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD -11,442	-11,442
24-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 98,631	98,631
24-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD -8,880	-8,880
24-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83 CFD -17,977	-17,977
24-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 1,815	1,815
24-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 3,739	3,739
24-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -635	-3,175
25-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD -11,424	-11,424
25-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -623	-623
25-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -2,518	-2,518
25-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -200	-200
25-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -189	-189
25-Aug-21	BLACKROCK ADVISORS LLC	on mkt buy	4.87 ORD 1,447	1,447
25-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.87 ORD 2,093	2,093
25-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.87 ORD 3,370	3,370
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86 ORD -21,629	-21,629
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86 ORD -71,559	-71,559
25-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.88 ORD 894	894
25-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88 ORD -1,184	-1,184
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86 ORD 3,211	3,211
25-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 641	3,205
25-Aug-21	BLACKROCK ADVISORS LLC	in specie	n/a ORD -104,236	-104,236
25-Aug-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -291	-1,455
26-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 9,220	9,220
26-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD -83,506	-83,506
26-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 13,300	13,300
26-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 9,624	9,624
26-Aug-21	BlackRock Fund Advisors	in specie	n/a ORD 2,442	2,442
26-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89 ORD 4,323	4,323
26-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89 ORD -7,239	-7,239
26-Aug-21	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -4,742	-4,742

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26-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.87	ORD -20,264	-20,264
26-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 193	193
26-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 789	789
26-Aug-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.87	ORD 11,853	11,853
26-Aug-21	BlackRock Investment Management, LLC	on mkt sell	4.87	ORD -5,483	-5,483
26-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89	ORD -1,482	-1,482
26-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -721	-3,605
26-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,092	-5,460
27-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,847	8,847
27-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.88	ORD -21,629	-21,629
27-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.88	ORD 4,940	4,940
27-Aug-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 3,740	3,740
27-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.88	CFD 28,684	28,684
27-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -58	-290
30-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89	ORD -10,814	-10,814
30-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 2,975	2,975
30-Aug-21	BLACKROCK ADVISORS LLC	on mkt sell	4.90	ORD -9,474	-9,474
30-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -20,508	-20,508
30-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89	ORD 1,446	1,446
30-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.89	CFD 17,378	17,378
30-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -345	-1,725
31-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 83,457	83,457
31-Aug-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,944	4,944
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	ORD -5,085	-5,085
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88	ORD -5,791	-5,791
31-Aug-21	BlackRock Investment Management, LLC	on mkt buy	4.88	ORD 21,613	21,613
31-Aug-21	BlackRock Fund Advisors	on mkt buy	4.88	ORD 57,253	57,253
31-Aug-21	BlackRock Fund Advisors	on mkt buy	4.88	ORD 74,342	74,342
31-Aug-21	BlackRock Asset Management Canada Limited	on mkt buy	4.88	ORD 1,466	1,466
31-Aug-21	BlackRock Asset Management Canada Limited	on mkt buy	4.88	ORD 4,642	4,642
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.88	ORD 23,762	23,762
31-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.88	ORD 6,700	6,700
31-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.88	ORD -9,893	-9,893
31-Aug-21	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD -31,646	-31,646
31-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.88	ORD -6,205	-6,205
31-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.88	ORD -170,232	-170,232
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 1,446	1,446
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 1,446	1,446
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 741	741
31-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.85	CFD 20,842	20,842
31-Aug-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -30,569	-30,569

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31-Aug-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 30,569	30,569
31-Aug-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,261	-6,305
01-Sep-21	BLACKROCK ADVISORS LLC	on mkt buy	4.88	ORD 291	291
01-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD -342	-342
01-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD -30	-30
01-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD -36	-36
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 579	579
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 386	386
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 3,612	3,612
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 814	814
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 814	814
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 3,695	3,695
01-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 1,056	1,056
01-Sep-21	BlackRock Fund Advisors	on mkt sell	4.89	ORD -2,058	-2,058
01-Sep-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.89	CFD 16,052	16,052
01-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -272	-1,360
02-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD -2,173	-2,173
02-Sep-21	BlackRock Investment Management, LLC	on mkt sell	4.87	ORD -22,946	-22,946
02-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 386	386
02-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 1,444	1,444
02-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 2,888	2,888
02-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 3,697	3,697
02-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,168	9,168
02-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -306	-1,530
03-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -46,019	-46,019
03-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 1,955	1,955
03-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 292	292
03-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 290	290
03-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 1,408	1,408
03-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 3,742	3,742
03-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 3,697	3,697
06-Sep-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.88	CFD 30,076	30,076
06-Sep-21	BlackRock Fund Advisors	on mkt buy	4.88	ORD 105,000	105,000
06-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 2,964	2,964
06-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 22,230	22,230
07-Sep-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.90	CFD 28,961	28,961
07-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 15,808	15,808
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 1,207	1,207
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 2,414	2,414
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 4,589	4,589
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 7,398	7,398
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 264	264
07-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 914	914
07-Sep-21	BlackRock Japan Co., Ltd.	on mkt sell	4.93	ORD -3,558	-3,558
07-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -61	-305
08-Sep-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.88	ORD 49,906	49,906
08-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,434	-11,434
08-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,153	3,153

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08-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88	ORD -787	-787
08-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	ORD -16,409	-16,409
08-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 2,414	2,414
08-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 7,398	7,398
08-Sep-21	BlackRock Fund Advisors	on mkt buy	4.87	ORD 28,676	28,676
08-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 386	386
08-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.88	ORD 2,717	2,717
08-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,222	9,222
08-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 737	3,685
09-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,220	9,220
09-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 2,896	2,896
09-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 3,700	3,700
09-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 27,735	27,735
09-Sep-21	BlackRock Asset Management Canada Limited	on mkt buy	4.82	ORD 1,496	1,496
09-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 1,224	1,224
09-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 21,983	21,983
09-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 39	195
09-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 313	1,565
10-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 14,454	14,454
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -17,974	-17,974
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 3,458	3,458
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -35,321	-35,321
10-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 2,112	2,112
10-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 3,701	3,701
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD 9,043	9,043
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -247	-247
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 1,068	1,068
10-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,534	7,670
13-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 38,125	38,125
13-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,207	3,207
13-Sep-21	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -43,822	-43,822
13-Sep-21	BlackRock Asset Management Canada Limited	in specie	n/a	ORD 43,822	43,822
13-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD -3,701	-3,701
13-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD -7,402	-7,402
13-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 457	457
13-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 9,490	9,490
13-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 935	4,675
14-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
14-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -5,220	-5,220
14-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 3,612	3,612
14-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 2,142	2,142
14-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 1,785	1,785
14-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -11,145	-11,145
14-Sep-21	BlackRock Fund Advisors	on mkt buy	4.91	ORD 1,135	1,135
14-Sep-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.91	ORD -10,803	-10,803
14-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -5,197	-25,985
15-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 671	671

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15-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91 ORD 67	67
15-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91 ORD 56	56
15-Sep-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.92 ORD 11,673	11,673
15-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 1,158	1,158
15-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 386	386
15-Sep-21	BlackRock Investment Management, LLC	on mkt buy	4.92 ORD 30,565	30,565
15-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.92 ORD -11,213	-11,213
15-Sep-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.92 ORD -142,715	-142,715
15-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92 ORD -19,784	-19,784
15-Sep-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 197	985
15-Sep-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,469	7,345
16-Sep-21	BlackRock Fund Advisors	in specie	n/a ORD 45,750	45,750
16-Sep-21	BlackRock Fund Advisors	in specie	n/a ORD 13,830	13,830
16-Sep-21	BlackRock Fund Advisors	in specie	n/a ORD 11,510	11,510
16-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD 3,630	3,630
16-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD 1,760	1,760
16-Sep-21	BlackRock Fund Advisors	on mkt sell	4.77 ORD -2,043	-2,043
16-Sep-21	BlackRock Japan Co., Ltd.	in specie	n/a ORD -4,492	-4,492
16-Sep-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,658	-13,290
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77 ORD -24,277	-24,277
17-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79 ORD 481	481
17-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79 ORD 76	76
17-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79 ORD 64	64
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 7,260	7,260
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.80 ORD -1,809	-1,809
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 942	942
17-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80 ORD 528	528
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80 ORD 334,500	334,500
17-Sep-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.80 ORD 165,618	165,618
17-Sep-21	BlackRock Fund Advisors	on mkt buy	4.80 ORD 5,060	5,060
17-Sep-21	BlackRock Fund Advisors	on mkt buy	4.80 ORD 129,192	129,192
17-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80 ORD 11,760	11,760
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76 ORD -7,435	-7,435
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76 ORD -26,051	-26,051
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76 ORD -28,528	-28,528
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76 ORD -15,600	-15,600
17-Sep-21	BlackRock Fund Advisors	in specie	n/a ORD 4,905	4,905
17-Sep-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 547	2,735
17-Sep-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 857	4,285
20-Sep-21	BlackRock Fund Advisors	in specie	n/a ORD -11,454	-11,454
20-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 943	943
20-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79 ORD -1,344	-1,344
20-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79 ORD -494	-494
20-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77 ORD 1,068	1,068
20-Sep-21	BlackRock Fund Advisors	in specie	n/a ORD 13,618	13,618

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20-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	141	705
20-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,977	14,885
21-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD	-24,139	-24,139
21-Sep-21	BlackRock Fund Advisors	on mkt buy	4.79	ORD	747	747
21-Sep-21	BlackRock Fund Advisors	on mkt buy	4.79	ORD	3,081	3,081
21-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-17,760	-17,760
21-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD	-71,040	-71,040
21-Sep-21	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD	3,249	3,249
21-Sep-21	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD	49,522	49,522
21-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	2,118	2,118
21-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	84,868	84,868
21-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,140	10,700
22-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	3,228	3,228
22-Sep-21	BLACKROCK ADVISORS LLC	on mkt buy	4.77	ORD	2,010	2,010
22-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	6,898	6,898
22-Sep-21	BlackRock Fund Advisors	on mkt buy	4.77	ORD	46,585	46,585
22-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD	-39,801	-39,801
22-Sep-21	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD	19,200	19,200
22-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	1,448	1,448
22-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD	7,602	7,602
22-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	9,630	9,630
22-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	528	2,640
23-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	ORD	-14,736	-14,736
23-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	87,616	87,616
23-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	8,322	8,322
23-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-8,810	-8,810
23-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	4,747	4,747
23-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	ORD	-5,242	-5,242
23-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	115	575
23-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,018	5,090
24-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	-11,466	-11,466
24-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	9,222	9,222
24-Sep-21	BlackRock Fund Advisors	on mkt buy	4.75	ORD	7,481	7,481
24-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD	-2,119	-2,119
24-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD	-274	-274
24-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD	-256	-256
24-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.73	ORD	-47,118	-47,118
24-Sep-21	BlackRock Fund Advisors	on mkt sell	4.72	ORD	-6,939	-6,939
24-Sep-21	BlackRock Fund Advisors	on mkt sell	4.72	ORD	-399,069	-399,069
24-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72	ORD	1,265	1,265
24-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72	ORD	7,456	7,456
24-Sep-21	BlackRock Fund Advisors	on mkt buy	4.72	ORD	60,822	60,822
24-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-13,410	-13,410
24-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-8,940	-8,940
24-Sep-21	BlackRock Asset Management Canada Limited	on mkt buy	4.72	ORD	1,103	1,103
24-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	635	635
24-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-7,456	-7,456
24-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-13,410	-13,410
24-Sep-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-12,728	-12,728

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
24-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,153	5,765
27-Sep-21	BlackRock Fund Advisors	on mkt buy	4.71	ORD	718	718
27-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	3,633	3,633
27-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	944	944
27-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD	-2,832	-2,832
27-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	264	264
27-Sep-21	BlackRock Fund Advisors	on mkt buy	4.71	ORD	30,508	30,508
27-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	177	885
28-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.73	ORD	-20,184	-20,184
28-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	3,177	3,177
28-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD	-1,495	-1,495
28-Sep-21	BlackRock Fund Advisors	on mkt buy	4.72	ORD	4,128	4,128
28-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD	-3,786	-3,786
28-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7	35
28-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,145	25,725
29-Sep-21	BlackRock Japan Co., Ltd.	on mkt buy	4.73	ORD	95,609	95,609
29-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD	14,326	14,326
29-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD	2,264	2,264
29-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD	2,252	2,252
29-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD	-20,186	-20,186
29-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD	-3,768	-3,768
29-Sep-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD	-55,172	-55,172
29-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	13,512	13,512
29-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD	-81,714	-81,714
29-Sep-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.74	ORD	6,064	6,064
29-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-654	-3,270
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD	15,991	15,991
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD	3,407	3,407
30-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	2,442	2,442
30-Sep-21	BlackRock Fund Advisors	in specie	n/a	ORD	98,215	98,215
30-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	728	728
30-Sep-21	BlackRock Asset Management Canada Limited	on mkt buy	4.78	ORD	3,759	3,759
30-Sep-21	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	1,158	1,158
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD	-2,295	-2,295
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD	-19,975	-19,975
30-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	1,068	1,068
30-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD	-33,203	-33,203
30-Sep-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,548	-22,740
01-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD	7,705	7,705
01-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD	12,328	12,328
01-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD	4,612	4,612
01-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD	2,925	2,925
01-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	CFD	21,096	21,096
01-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.74	CFD	5,677	5,677
01-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	CFD	4,850	4,850
01-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD	-16,839	-16,839
01-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD	-33,082	-33,082
01-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	193	193



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01-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 876	876
01-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 264	264
01-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 528	528
01-Oct-21	BlackRock Fund Advisors	on mkt buy	4.74	ORD 128,828	128,828
01-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD -1,609	-1,609
01-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD 31,184	31,184
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 2,320	2,320
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 25,017	25,017
01-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 154	770
01-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,616	18,080
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 45,612	45,612
04-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD 28,998	28,998
04-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.78	CFD 8,004	8,004
04-Oct-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.78	CFD 13,813	13,813
04-Oct-21	BlackRock Fund Advisors	on mkt buy	4.79	ORD 1,823	1,823
04-Oct-21	BlackRock Fund Advisors	on mkt buy	4.79	ORD 2,155	2,155
04-Oct-21	BlackRock Fund Advisors	on mkt buy	4.79	ORD 30,327	30,327
04-Oct-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.79	ORD 18,726	18,726
04-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 13,753	13,753
04-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 4,571	4,571
04-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 1,382	1,382
04-Oct-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	ORD 33,169	33,169
04-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -4,634	-4,634
04-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 2,888	2,888
04-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -11,190	-11,190
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 12,680	12,680
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 21,456	21,456
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 37,548	37,548
04-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -808	-4,040
04-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,020	40,100
05-Oct-21	BlackRock Fund Advisors	on mkt buy	4.71	ORD 124,233	124,233
05-Oct-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.70	CFD 10,591	10,591
05-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	CFD 22,788	22,788
05-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.70	CFD 5,959	5,959
05-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	CFD 5,582	5,582
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,036	3,036
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 16,092	16,092
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 29,502	29,502
05-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 2,527	2,527
05-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.69	ORD -9,636	-9,636
05-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 41,552	41,552
05-Oct-21	BlackRock Fund Advisors	on mkt buy	4.69	ORD 8,063	8,063
05-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD 13,049	13,049
05-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD 4,447	4,447
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 20,115	20,115
05-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,055	-5,275
06-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	CFD 18,011	18,011
06-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.73	CFD 5,411	5,411

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06-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD -13,630	-13,630
06-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD -2,135	-2,135
06-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD -2,112	-2,112
06-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 1,856	1,856
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -8,782	-8,782
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 388	388
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -970	-970
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 2,422	2,422
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 3,600	3,600
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 3,600	3,600
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -880	-880
06-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 528	528
06-Oct-21	BlackRock Asset Management Canada Limited	on mkt buy	4.74	ORD 4,568	4,568
06-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,224	9,224
06-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -66	-330
06-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 33	165
07-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	CFD 17,098	17,098
07-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	CFD 4,614	4,614
07-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.70	CFD 4,862	4,862
07-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 5,172	5,172
07-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	CFD 35,745	35,745
07-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	ORD 214,340	214,340
07-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD -61,110	-61,110
07-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD 1,800	1,800
07-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67	ORD 4,320	4,320
07-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 11,160	11,160
07-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 22,320	22,320
07-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -813	-4,065
07-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -782	-3,910
08-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 91,752	91,752
08-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	ORD 23,109	23,109
08-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	ORD 2,088	2,088
08-Oct-21	BlackRock Fund Advisors	on mkt buy	4.68	ORD 1,287	1,287
08-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 20,368	20,368
08-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 193	193
08-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 194	194
08-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -4,488	-4,488
08-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -448	-2,240
08-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,453	7,265
11-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD 528	528
11-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD 1,491	1,491
11-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.66	ORD 1,065	1,065
11-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD -2,674	-2,674
11-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,898	-9,490
12-Oct-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 12,796	12,796
12-Oct-21	BlackRock Fund Advisors	on mkt buy	4.63	ORD 132,637	132,637
12-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 6,408	6,408
12-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,508	-11,508

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12-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63 ORD 4,389	4,389
12-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.63 ORD -13,146	-13,146
12-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 3,633	3,633
12-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 4,296	4,296
12-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.63 ORD -2,360	-2,360
12-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.63 ORD 2,637	2,637
12-Oct-21	BlackRock Fund Advisors	on mkt buy	4.63 ORD 30,787	30,787
12-Oct-21	BlackRock Fund Advisors	on mkt buy	4.63 ORD 3,516	3,516
12-Oct-21	BlackRock Fund Advisors	on mkt buy	4.63 ORD 26,665	26,665
12-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63 ORD 4,326	4,326
12-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,423	-7,115
13-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 9,222	9,222
13-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67 CFD 9,681	9,681
13-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67 ORD 3,011	3,011
13-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67 ORD 459	459
13-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67 ORD 453	453
13-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67 ORD 4,223	4,223
13-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67 ORD 1,848	1,848
13-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.67 ORD 579	579
13-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ORD -6,959	-6,959
13-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ORD -1,768	-1,768
13-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ORD -4,748	-4,748
13-Oct-21	BlackRock Asset Management Canada Limited	on mkt buy	4.67 ORD 3,709	3,709
13-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 13,833	13,833
13-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 5,175	25,875
14-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66 CFD 10,081	10,081
14-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.66 CFD 3,087	3,087
14-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 30,772	30,772
14-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 3,876	3,876
14-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.64 ORD 2,499	2,499
14-Oct-21	BlackRock Fund Advisors	on mkt buy	4.64 ORD 57,479	57,479
14-Oct-21	BlackRock Fund Advisors	on mkt buy	4.64 ORD 3,003	3,003
14-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -514	-2,570
14-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,827	19,135
15-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 4,384	4,384
15-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64 CFD 8,726	8,726
15-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66 ORD 109,428	109,428
15-Oct-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.66 ORD 10,125	10,125
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 20,371	20,371
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 20,371	20,371
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -1,768	-1,768
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -2,652	-2,652
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -9,494	-9,494
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -9,494	-9,494
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 7,486	7,486
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 7,486	7,486
15-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 3,240	3,240
15-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 243	1,215
18-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD -11,506	-11,506
18-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD -28,765	-28,765

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18-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	CFD 8,837	8,837
18-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.61	CFD 3,053	3,053
18-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 14,984	14,984
18-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -256	-1,280
18-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -643	-3,215
19-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	CFD 11,941	11,941
19-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -4,924	-4,924
19-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD -23,079	-23,079
19-Oct-21	BlackRock Investment Management, LLC	on mkt buy	4.61	CFD 3,305	3,305
19-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	ORD 24,372	24,372
19-Oct-21	BlackRock Fund Advisors	on mkt buy	4.60	ORD 6,177	6,177
19-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 1,444	1,444
19-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 2,888	2,888
19-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	ORD 10,844	10,844
19-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	ORD 3,526	3,526
19-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 36,477	36,477
19-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 339	1,695
19-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,221	-6,105
20-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -1,261	-1,261
20-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -177	-177
20-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	ORD -172	-172
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 1,211	1,211
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 722	722
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD -3,316	-3,316
20-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 289	1,445
21-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57	ORD -4,041	-4,041
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,772	30,772
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,454	9,454
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 14,861	14,861
21-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57	ORD -3,130	-3,130
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 1,596	1,596
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 2,422	2,422
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD 3,249	3,249
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -9,025	-9,025
21-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,299	-51,495
22-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
22-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 1,636	1,636
22-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 268	268
22-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	ORD 254	254
22-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -6,120	-6,120
22-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -7,496	-7,496
22-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -792	-792
22-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55	ORD -5,776	-5,776
22-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,117	5,585
25-Oct-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,804	-14,020
26-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,642	9,642
26-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD -314	-314
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53	ORD -6,187	-6,187
26-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 975	975

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26-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 9,760	9,760
26-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -19,048	-19,048
26-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 920	920
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.51 ORD 1,265	1,265
26-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 16,212	16,212
26-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,049	10,245
27-Oct-21	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 168,470	168,470
27-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 12,440	12,440
27-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 687	687
27-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 108	108
27-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 96	96
27-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 12,900	12,900
27-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 2,424	2,424
27-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 1,164	1,164
27-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -3,747	-3,747
27-Oct-21	BlackRock Asset Management Canada Limited	on mkt buy	4.53 ORD 3,070	3,070
27-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 1,065	1,065
27-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 462	462
27-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD 14,013	14,013
27-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -141	-705
27-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -263	-1,315
28-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 3,663	3,663
28-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 3,249	3,249
28-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 1,083	1,083
28-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 2,166	2,166
28-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 460	460
28-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57 ORD -5,906	-5,906
28-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,090	-10,450
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56 ORD 454,515	454,515
29-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD -11,520	-11,520
29-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD -11,520	-11,520
29-Oct-21	BlackRock Fund Advisors	in specie	n/a ORD -11,520	-11,520
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 1,343	1,343
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 200	200
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56 ORD 200	200
29-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -8,924	-8,924
29-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD -550	-550
29-Oct-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.57 ORD -166,997	-166,997
29-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD 6,859	6,859
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 ORD -27,159	-27,159
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54 ORD 3,003	3,003
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54 ORD 924	924
29-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -98	-490
29-Oct-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 529	2,645
01-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 194	194
01-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 1,083	1,083
01-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 528	528

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01-Nov-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-10,001 -50,005
02-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	-314 -314
02-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	6,230 6,230
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD	40,742 40,742
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD	194 194
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD	1,154 1,154
02-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.53 ORD	32,295 32,295
02-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD	171,588 171,588
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD	577 577
02-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	40,530 40,530
02-Nov-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-491 -2,455
03-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD	190,856 190,856
03-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	2,481 2,481
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51 ORD	-4,223 -4,223
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51 ORD	-48,126 -48,126
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50 ORD	4,851 4,851
03-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53 ORD	-38 -38
03-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53 ORD	-38 -38
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD	-29,666 -29,666
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD	1,095 1,095
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD	577 577
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD	467 467
03-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	-17,301 -17,301
03-Nov-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-154 -770
03-Nov-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-1,933 -9,665
04-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53 ORD	-18,196 -18,196
04-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	3,240 3,240
04-Nov-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.54 ORD	-32,243 -32,243
04-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD	390 390
04-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD	-1,365 -1,365
04-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD	-7,612 -7,612
04-Nov-21	BlackRock Japan Co., Ltd.	on mkt sell	4.54 ORD	-84,823 -84,823
04-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD	578 578
04-Nov-21	BlackRock Investment Management, LLC	on mkt sell	4.54 ORD	-31,107 -31,107
04-Nov-21	APERIO GROUP LLC	in specie	n/a ADR 5:1	-4,138 -20,690
05-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	9,516 9,516
05-Nov-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.56 ORD	-14,146 -14,146
05-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD	-1,165 -1,165
05-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD	-173 -173
05-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD	-161 -161
05-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	12,460 12,460
05-Nov-21	BlackRock Fund Advisors	in specie	n/a ORD	6,853 6,853
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53 ORD	4,620 4,620
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53 ORD	2,772 2,772
05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD	3,639 3,639
05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD	1,098 1,098
05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD	4,026 4,026
05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD	475 475

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05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 475	475
05-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55	ORD 1,495	1,495
05-Nov-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	ORD 54,456	54,456
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 462	462
05-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,361	-6,805
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 5,430	5,430
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 388	388
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -3,819	-3,819
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.53	ORD -19,095	-19,095
08-Nov-21	BlackRock Asset Management Canada Limited	on mkt sell	4.53	ORD -21,327	-21,327
08-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.53	ORD 3,461	3,461
08-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 1,065	1,065
08-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,124	-5,620
09-Nov-21	BLACKROCK ADVISORS LLC	on mkt buy	4.53	ORD 27,784	27,784
09-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD 6,905	6,905
09-Nov-21	BlackRock International Limited	on mkt buy	4.53	ORD 2,541	2,541
09-Nov-21	BlackRock Investment Management, LLC	on mkt buy	4.53	ORD 3,824	3,824
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -11,530	-11,530
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,412	2,412
09-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53	ORD -19,112	-19,112
09-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 3,639	3,639
09-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 19,028	19,028
09-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54	ORD -7,658	-7,658
09-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54	ORD 938	938
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,984	9,984
09-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 154	770
09-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 428	2,140
10-Nov-21	BLACKROCK ADVISORS LLC	on mkt buy	4.58	ORD 784	784
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,026	4,026
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 46,158	46,158
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 30,772	30,772
10-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58	ORD -189	-189
10-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 4,318	4,318
10-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 578	578
10-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD 528	528
10-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD -28,241	-28,241
10-Nov-21	BlackRock International Limited	on mkt sell	4.59	ORD -49,821	-49,821
10-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD -20,376	-20,376
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 27,020	27,020
10-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -83,269	-83,269
10-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 722	3,610
11-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD -8,398	-8,398
11-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	CFD 321	321
11-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD 7,847	7,847
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD -49,090	-49,090
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 1,213	1,213
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 1,444	1,444
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD 880	880
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD -3,827	-3,827
11-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD -34,443	-34,443
11-Nov-21	BLACKROCK ADVISORS LLC	on mkt buy	4.56	ORD 54,968	54,968
11-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 641	3,205
11-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 551	2,755

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12-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD -218	-218
12-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD -68	-68
12-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD -70	-70
12-Nov-21	BLACKROCK ADVISORS LLC	on mkt buy	4.55	CFD 6,695	6,695
12-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 728	728
12-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD 388	388
12-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.53	ORD 1,073	1,073
12-Nov-21	BlackRock Fund Advisors	on mkt buy	4.53	ORD 41,070	41,070
12-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -154	-770
12-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,248	11,240
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,300	3,300
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 5,452	5,452
15-Nov-21	BlackRock Fund Advisors	on mkt buy	4.50	ORD 135,753	135,753
15-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	ORD 211,902	211,902
15-Nov-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	CFD 31,052	31,052
15-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 897	897
15-Nov-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 13,407	13,407
15-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -604	-3,020
15-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,991	14,955
16-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	ORD -36,733	-36,733
16-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 46,446	46,446
16-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -105,780	-105,780
16-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -4,345	-4,345
16-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 20,376	20,376
16-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,691	2,691
16-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -35,710	-35,710
16-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,771	13,855
17-Nov-21	BLACKROCK ADVISORS LLC	on mkt buy	4.45	ORD 792	792
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -29,100	-29,100
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 77,410	77,410
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,620	1,620
17-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 3,223	3,223
17-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -1,313	-1,313
17-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -218	-218
17-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -216	-216
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 4,852	4,852
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 254	254
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 508	508
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -27,206	-27,206
17-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.47	ORD 3,936	3,936
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 20,625	20,625
17-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -987	-4,935
17-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,864	-24,320
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,026	4,026
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,339	3,339
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 12,222	12,222
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 10,392	10,392
18-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	ORD -8,265	-8,265
18-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 30,541	30,541



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18-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 194	194
18-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD 3,970	3,970
18-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,123	-5,615
18-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,244	11,220
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,856	13,856
19-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42	ORD 2,310	2,310
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.43	ORD 2,426	2,426
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.43	ORD 538	538
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.43	ORD -528	-528
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 44,616	44,616
19-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -9,305	-9,305
19-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -643	-3,215
19-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 615	3,075
22-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 8,205	8,205
22-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 16,224	16,224
22-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 4,852	4,852
22-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.36	ORD -3,802	-3,802
22-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -965	-4,825
22-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,631	-13,155
23-Nov-21	BlackRock Asset Management North Asia Limited	on mkt sell	4.40	ORD -9,966	-9,966
23-Nov-21	BlackRock Fund Advisors	on mkt sell	4.40	ORD -278,237	-278,237
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 231	231
23-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,378	9,378
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40	ORD -182,691	-182,691
23-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 194	194
23-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 390	390
23-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 2,444	2,444
23-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -15,264	-15,264
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 3,465	3,465
23-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,689	4,689
23-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,351	3,351
23-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,942	6,942
23-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 48,497	48,497
23-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,813	-19,065
24-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -15,859	-15,859
24-Nov-21	BLACKROCK ADVISORS LLC	on mkt buy	4.42	ORD 799	799
24-Nov-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	ORD 83,742	83,742
24-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -5,820	-5,820
24-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42	ORD 2,310	2,310
24-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 81,540	81,540
24-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 195	195
24-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -629	-629
24-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 366	366
24-Nov-21	BlackRock Japan Co., Ltd.	on mkt sell	4.42	ORD -14,748	-14,748
24-Nov-21	BlackRock Fund Advisors	on mkt buy	4.42	ORD 669	669
24-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,089	-5,445
24-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,291	-11,455
25-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.41	ORD -5,851	-5,851
25-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD 15,664	15,664
25-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD -20,390	-20,390
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD -20,493	-20,493
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 4,363	4,363
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 7,686	7,686
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -1,162	-1,162

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26-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 855	855
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -3,827	-3,827
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -946	-946
26-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40	ORD -67,775	-67,775
26-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40	ORD -23,919	-23,919
26-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40	ORD -8,145	-8,145
26-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 924	924
26-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 487	2,435
29-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.36	ORD -179	-179
29-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.36	ORD -71	-71
29-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.36	ORD -76	-76
29-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35	ORD 2,772	2,772
29-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 970	970
29-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.36	ORD -2,905	-2,905
29-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 264	264
29-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35	ORD 2,880	2,880
29-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,458	-32,290
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -3,781	-3,781
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD -32,992	-32,992
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -26,850	-26,850
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -35,625	-35,625
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -8,175	-8,175
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD -5,774	-5,774
30-Nov-21	BlackRock Asset Management Canada Limited	on mkt sell	4.60	ORD -25,935	-25,935
30-Nov-21	BlackRock (Singapore) Limited	on mkt buy	4.60	ORD 3,627	3,627
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -25,976	-25,976
30-Nov-21	BlackRock Fund Advisors	on mkt buy	4.60	ORD 25,014	25,014
30-Nov-21	BlackRock Fund Advisors	on mkt sell	4.60	ORD -34,549	-34,549
30-Nov-21	BlackRock Fund Advisors	on mkt sell	4.60	ORD -52,530	-52,530
30-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.60	ORD 3,101	3,101
30-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.60	ORD 335,815	335,815
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -10,229	-10,229
30-Nov-21	BlackRock Asset Management Canada Limited	on mkt sell	4.60	ORD -5,280	-5,280
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -2,021	-2,021
30-Nov-21	BlackRock Fund Advisors	on mkt sell	4.60	ORD -41,978	-41,978
30-Nov-21	BlackRock Fund Advisors	on mkt sell	4.60	ORD -324	-324
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -3,505	-3,505
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -9,259	-9,259
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -4,371	-4,371
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -24,905	-24,905
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	ORD 8,379	8,379

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -3,585	-3,585
30-Nov-21	BlackRock Asset Management Canada Limited	on mkt buy	4.60	ORD 97,113	97,113
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -5,230	-5,230
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -4,714	-4,714
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -17,395	-17,395
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	ORD 87,313	87,313
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -142,538	-142,538
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -32,710	-32,710
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD -23,101	-23,101
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	ORD 325,667	325,667
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD -132,002	-132,002
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -40,924	-40,924
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 28,975	28,975
30-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60	ORD -8,084	-8,084
30-Nov-21	BlackRock Fund Advisors	on mkt sell	4.60	ORD -167,959	-167,959
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -14,022	-14,022
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -37,050	-37,050
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -17,492	-17,492
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -14,346	-14,346
30-Nov-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	ORD 47,960	47,960
30-Nov-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.60	ORD 66,443	66,443
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	ORD 53,174	53,174
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	ORD 39,555	39,555
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	ORD -18,859	-18,859
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.50	ORD 1,155	1,155
30-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,054	-5,270
30-Nov-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,920	-24,600
01-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	4.49	ORD 963	963
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -14,366	-14,366
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -38,215	-38,215
01-Dec-21	BlackRock Fund Advisors	on mkt buy	4.47	ORD 8,451	8,451
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,272	1,272
01-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	CFD 1,245	1,245
01-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.49	ORD 11,823	11,823
01-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 1,800	1,800
01-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -652	-652
01-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.49	ORD -3,750	-3,750
01-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 2,904	2,904
01-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,387	11,935
02-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	CFD 22,059	22,059
02-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	4.42	CFD 7,714	7,714

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02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45 ORD -1,067	-1,067
02-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.43 CFD 12,017	12,017
02-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.44 CFD 5,949	5,949
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45 ORD -2,824	-2,824
02-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 85,999	85,999
02-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 19,292	19,292
02-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 1,275	1,275
02-Dec-21	BlackRock Japan Co., Ltd.	on mkt buy	4.42 ORD 93,502	93,502
02-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 27,676	27,676
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40 ORD -12,213	-12,213
02-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 175,451	175,451
02-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41 ORD 1,470	1,470
02-Dec-21	BlackRock International Limited	on mkt sell	4.41 ORD -15,675	-15,675
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 8	8
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 64	64
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 6,025	6,025
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 2,410	2,410
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 2,697	2,697
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 899	899
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 5,230	5,230
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 3,960	3,960
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.41 ORD 1,182	1,182
02-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.41 ORD -1,446	-1,446
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40 ORD -6,930	-6,930
02-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 11,744	11,744
02-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -2,606	-2,606
02-Dec-21	BlackRock Advisors (UK) Limited	in specie	n/a ORD 48,497	48,497
02-Dec-21	BlackRock Advisors (UK) Limited	in specie	n/a ORD -48,497	-48,497
02-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -92	-460
02-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 4,890	24,450
03-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.43 ORD -121,545	-121,545
03-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42 ORD -74,435	-74,435
03-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.43 ORD -25,922	-25,922
03-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -66,275	-66,275
03-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -10,576	-10,576
03-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43 ORD -10,514	-10,514
03-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	4.42 ORD 11,818	11,818
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 2,422	2,422
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 10,899	10,899
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 2,178	2,178
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 897	897
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 897	897
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.42 ORD -7,448	-7,448
03-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 4,276	4,276
03-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 81,265	81,265
03-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,668	-8,340
03-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,789	18,945

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06-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 811,035 811,035
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -6,963 -6,963
06-Dec-21	BlackRock Fund Advisors	on mkt buy	4.42	ORD 1,534 1,534
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -110,290 -110,290
06-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46	ORD -203,688 -203,688
06-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.46	ORD -6,017 -6,017
06-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 1,760 1,760
06-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 300 300
06-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 299 299
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD 1,297 1,297
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 1,692 1,692
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 2,538 2,538
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -7,504 -7,504
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	ORD 18,480 18,480
06-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 96 480
06-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,907 -14,535
07-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48	ORD -49,290 -49,290
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,315 3,315
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 85,999 85,999
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,284 1,284
07-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.47	ORD -11,519 -11,519
07-Dec-21	BlackRock Japan Co., Ltd.	on mkt buy	4.46	ORD 40,396 40,396
07-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	CFD 11,643 11,643
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -16 -16
07-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	4.46	ORD 39,660 39,660
07-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	ORD 9,036 9,036
07-Dec-21	BlackRock International Limited	on mkt buy	4.46	ORD 2,519 2,519
07-Dec-21	BlackRock Investment Management, LLC	on mkt buy	4.46	ORD 3,970 3,970
07-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 19,635 19,635
07-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,717 -38,585
07-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,823 -14,115
08-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49	ORD -70,169 -70,169
08-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 1,220 1,220
08-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 231 231
08-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 232 232
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -20,488 -20,488
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 3,624 3,624
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -3,751 -3,751
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 10,252 10,252
08-Dec-21	BlackRock Asset Management North Asia Limited	on mkt buy	4.52	ORD 45,240 45,240
08-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	4.52	ORD 1,519 1,519
08-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	CFD 3,395 3,395
08-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -497 -2,485
08-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,215 11,075

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09-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45 ORD -80,514	-80,514
09-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 4,420	4,420
09-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 45,253	45,253
09-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.43 ORD 4	4
09-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.43 ORD 9,736	9,736
09-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.43 ORD -9,606	-9,606
09-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,114	-5,570
10-Dec-21	BlackRock Fund Advisors	on mkt buy	4.47 ORD 27,631	27,631
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51 ORD -70,942	-70,942
10-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD -5,132	-5,132
10-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -19,126	-19,126
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 5,372	5,372
10-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -4,385	-21,925
13-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 7,000	7,000
13-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD -14,006	-14,006
13-Dec-21	BlackRock Asset Management Canada Limited	on mkt buy	4.51 ORD 1,995	1,995
13-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50 CFD 12,853	12,853
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -5,462	-5,462
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -61,256	-61,256
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -138,995	-138,995
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -33,258	-33,258
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -63,076	-63,076
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -17,277	-17,277
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -56,942	-56,942
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -101,319	-101,319
13-Dec-21	BlackRock Fund Advisors	on mkt sell	4.51 ORD -452	-452
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 4	4
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.51 ORD -1,158	-1,158
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.51 ORD -1,737	-1,737
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 864	864
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 1,728	1,728
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.51 ORD -5,189	-5,189
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.51 ORD -10,378	-10,378
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.51 ORD -15,567	-15,567
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 14,940	14,940
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.51 ORD 11,205	11,205
13-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49 ORD -6,468	-6,468
13-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 386	1,930
13-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 4,584	22,920
14-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48 ORD -26,615	-26,615
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 861	861
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.45 ORD -10,412	-10,412
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.45 ORD -20,824	-20,824
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 7,480	7,480
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 264	264
14-Dec-21	BlackRock Asset Management Canada Limited	on mkt buy	4.45 ORD 9,680	9,680
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.45 ORD 10,304	10,304
14-Dec-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.45 ORD -34,996	-34,996
14-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45 ORD -32,339	-32,339
14-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,087	10,435
14-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -919	-4,595

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15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54 ORD -71,800	-71,800
15-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54 CFD 15,763	15,763
15-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.54 CFD 4,136	4,136
15-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 1,224	1,224
15-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a ORD 26,327	26,327
15-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	4.54 ORD 1,496	1,496
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -1,092	-1,092
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 861	861
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 861	861
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 861	861
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 1,722	1,722
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -10,398	-10,398
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 18,705	18,705
15-Dec-21	BlackRock Investment Management, LLC	on mkt buy	4.55 ORD 55,877	55,877
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -61,464	-61,464
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.55 ORD -48,029	-48,029
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 861	861
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 14,964	14,964
15-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.55 ORD 8,192	8,192
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56 ORD 1,358	1,358
15-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 22,920	22,920
15-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 272	1,360
16-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.50 ORD -22,505	-22,505
16-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 9,248	9,248
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -4,382	-4,382
16-Dec-21	BlackRock Asset Management Deutschland AG	on mkt sell	4.53 ORD -11,652	-11,652
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -5,099	-5,099
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 258,160	258,160
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 3,688	3,688
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 792	792
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 5,580	5,580
16-Dec-21	BlackRock Japan Co., Ltd.	on mkt sell	4.53 ORD -796	-796
16-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -111	-555
16-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,547	-12,735
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51 ORD -59,813	-59,813
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51 CFD 12,111	12,111
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -1,900	-1,900
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -303	-303
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -302	-302
17-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 12,177	12,177
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.49 ORD 4	4
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.49 ORD 2,418	2,418
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.49 ORD 530	530
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49 ORD 4,194	4,194
17-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49 ORD 1,880	1,880
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.49 ORD -49,636	-49,636
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48 ORD 9,068	9,068

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17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48 ORD 1,121	1,121
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48 ORD 23,090	23,090
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48 ORD 3,600	3,600
17-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 38,178	38,178
17-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,953	14,765
20-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -63,247	-63,247
20-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 20,427	20,427
20-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD -35,000	-35,000
20-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.54 ORD 20,151	20,151
20-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.54 ORD -5,196	-5,196
20-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 1,084	1,084
20-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55 ORD 22,863	22,863
20-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 10,904	10,904
20-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,613	8,065
20-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -8,460	-42,300
21-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.57 CFD 11,022	11,022
21-Dec-21	BLACKROCK ADVISORS LLC	on mkt buy	4.57 ORD 1,131	1,131
21-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -21,996	-21,996
21-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.59 CFD 4,441	4,441
21-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57 CFD -11,742	-11,742
21-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.57 CFD -7,721	-7,721
21-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 1,668	1,668
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -40,312	-40,312
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 16	16
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -10,390	-10,390
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 265	265
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 6,970	6,970
21-Dec-21	BlackRock Fund Advisors	on mkt buy	4.60 ORD 900	900
21-Dec-21	BlackRock Fund Advisors	on mkt buy	4.60 ORD 7,947	7,947
21-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60 ORD -3,185	-3,185
21-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -193	-965
21-Dec-21	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,496	-7,480
22-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.55 CFD 11,006	11,006
22-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55 CFD 5,641	5,641
22-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.54 ORD -25,488	-25,488
22-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.56 CFD 4,033	4,033
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD -71,022	-71,022
22-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 2,684	2,684
22-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD -114,120	-114,120
22-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD -91,296	-91,296
22-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55 ORD 28	28
22-Dec-21	BlackRock Fund Advisors	in specie	n/a ORD 2,070	2,070
22-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 3,627	3,627
22-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 587	587
22-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 1,548	1,548



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22-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.58	ORD	-455	-455
22-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58	ORD	-937	-937
22-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	76	380
22-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,903	-9,515
23-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD	-52,221	-52,221
23-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.61	CFD	-8,865	-8,865
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	10,824	10,824
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	5,250	5,250
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	31,000	31,000
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	9,860	9,860
23-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD	530	530
23-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58	ORD	-87,071	-87,071
23-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,922	39,610
27-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	-38,040	-38,040
27-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,569	7,845
28-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-78	-390
28-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,573	17,865
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	-11,570	-11,570
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	2,703	2,703
29-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59	ORD	-58,976	-58,976
29-Dec-21	BlackRock Fund Advisors	on mkt buy	4.59	ORD	5,135	5,135
29-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.59	ORD	10,451	10,451
29-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58	ORD	723	723
29-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	82	410
29-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,250	6,250
30-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD	6,842	6,842
30-Dec-21	BlackRock Fund Advisors	on mkt sell	4.62	ORD	-32,305	-32,305
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD	4	4
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD	-9,720	-9,720
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD	859	859
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD	258	258
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD	530	530
30-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD	13,579	13,579
30-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,188	5,940
31-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	4.52	ORD	-73,804	-73,804
31-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-242	-1,210
31-Dec-21	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,408	17,040
03-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,348	4,348
03-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	8,124	8,124
03-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	290	1,450
04-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.58	ORD	-47,198	-47,198
04-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	13,371	13,371
04-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,815	6,815
04-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,177	3,177
04-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,236	4,236
04-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.59	CFD	-338	-338
04-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	ORD	3,374	3,374
04-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	66	330
04-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,501	-7,505
05-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.54	ORD	7,041	7,041

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05-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51 ORD -71,823	-71,823
05-Jan-22	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -65,434	-65,434
05-Jan-22	BlackRock Japan Co., Ltd.	on mkt sell	4.50 ORD -92,601	-92,601
05-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 8,914	8,914
05-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 4,457	4,457
05-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 11,970	11,970
05-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52 ORD -948	-948
05-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52 ORD -129	-129
05-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52 ORD -153	-153
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 4	4
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 4	4
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 8	8
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 20	20
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 2,430	2,430
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 2,506	2,506
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 623	623
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD 867	867
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.50 ORD -5,192	-5,192
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.50 ORD -3,730	-3,730
05-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49 ORD -3,643	-3,643
05-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,055	-5,275
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48 ORD -21,878	-21,878
06-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD -48,423	-48,423
06-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 7,000	7,000
06-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 8,914	8,914
06-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48 CFD -1,625	-1,625
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47 ORD -53,020	-53,020
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47 ORD -5,061	-5,061
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 2,436	2,436
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 2,106	2,106
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 868	868
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 868	868
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 5,166	5,166
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 4,284	4,284
06-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.48 ORD 4,474	4,474
06-Jan-22	BlackRock Asset Management Canada Limited	on mkt sell	4.48 ORD -3,879	-3,879
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 624	624
06-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -137	-685
07-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47 ORD -70,422	-70,422
07-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 1,342	1,342
07-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 9,020	9,020
07-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 13,530	13,530
07-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 5,982	5,982
07-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50 ORD 475	475
07-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 2,864	2,864
07-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 3,517	3,517
07-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48 ORD 716	716
07-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47 ORD 1,084	1,084
07-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,145	10,725

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10-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 16	16
10-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 265	265
10-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 265	265
10-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	ORD 3,489	3,489
10-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -11	-55
10-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,895	-14,475
11-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -4,909	-4,909
11-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,228	4,228
11-Jan-22	BlackRock International Limited	on mkt buy	4.45	ORD 1,908	1,908
11-Jan-22	BlackRock Asset Management North Asia Limited	on mkt sell	4.46	ORD -8,722	-8,722
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 8	8
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 80	80
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 665	665
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 2,471	2,471
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 622	622
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 265	265
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 508	508
11-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 9,456	47,280
12-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -68,444	-68,444
12-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -630	-630
12-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -158	-158
12-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	ORD -76	-76
12-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -40,320	-40,320
12-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 15,636	15,636
12-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -11,190	-11,190
12-Jan-22	BlackRock Japan Co., Ltd.	on mkt sell	4.44	ORD -5,363	-5,363
12-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.44	ORD -1,548	-1,548
12-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 58,890	58,890
12-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -526	-2,630
12-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,145	5,725
13-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	ORD -12,825	-12,825
13-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,216	3,216
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 12,981	12,981
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 3,645	3,645
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 2,142	2,142
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 554	554
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 876	876
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 5,217	5,217
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 15,651	15,651
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.45	ORD -18,645	-18,645
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 512	512
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD 2,870	2,870
13-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 8,270	8,270
13-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,388	6,940
14-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.44	ORD -6,505	-6,505
14-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 8,656	8,656
14-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 556	556
14-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 885	885
14-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 10,404	10,404
14-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 265	265
14-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD 25,535	25,535
14-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -84,958	-84,958
14-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,073	1,073
14-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -492	-2,460

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
14-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-622	-3,110
18-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,865	6,865
18-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.54	ORD	29,948	29,948
18-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57	ORD	-4,630	-4,630
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	8,638	8,638
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	4,872	4,872
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	1,755	1,755
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	1,755	1,755
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	1,755	1,755
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	3,510	3,510
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	8,505	8,505
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	5,205	5,205
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	5,205	5,205
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	265	265
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD	2,872	2,872
18-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	ORD	-22,919	-22,919
18-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	40,080	40,080
18-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,860	14,300
19-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD	2,286	2,286
19-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD	384	384
19-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	ORD	443	443
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55	ORD	-72,819	-72,819
19-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,456	5,456
19-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.53	ORD	11,657	11,657
19-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD	1,218	1,218
19-Jan-22	BlackRock Fund Advisors	on mkt buy	4.53	ORD	33,752	33,752
19-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.53	ORD	619	619
19-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	ORD	1,793	1,793
19-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	115	575
19-Jan-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-1,206,245	-1,206,245
19-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,985	-14,925
20-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.53	ORD	28,487	28,487
20-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51	ORD	-9,195	-9,195
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,026	9,026
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,237	3,237
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,237	3,237
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,237	3,237
20-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD	2,832	2,832
20-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD	954	954
20-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD	954	954
20-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD	5,207	5,207
20-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD	1,438	1,438
20-Jan-22	BlackRock Investment Management, LLC	on mkt buy	4.49	ORD	43,318	43,318
20-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.49	ORD	1,035	1,035
20-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD	-13,045	-13,045
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,474	6,474
20-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-382	-1,910
20-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-599	-2,995
21-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.51	ORD	-69,985	-69,985

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
21-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 8,238	8,238
21-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 24,714	24,714
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 2,476	2,476
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -2,865	-2,865
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.52 ORD -7,454	-7,454
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 5,752	5,752
21-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 49,852	49,852
21-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,146	-5,730
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44 ORD 12,984	12,984
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.44 ORD 8,656	8,656
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.44 ORD -1,437	-1,437
24-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40 ORD -1,446	-1,446
24-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,090	5,450
24-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -3,684	-18,420
25-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 124,030	124,030
25-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 8,784	8,784
25-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.40 CFD -595	-595
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40 ORD -7,665	-7,665
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40 ORD -6,933	-6,933
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40 CFD -6,425	-6,425
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 4	4
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 2,040	2,040
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -1,236	-1,236
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 3,485	3,485
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.40 ORD -906	-906
25-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.40 CFD 4,884	4,884
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 CFD 3,708	3,708
25-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 40,110	40,110
25-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,194	-5,970
25-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 8,647	43,235
26-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 60,864	60,864
26-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 30,432	30,432
26-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD -17,337	-17,337
26-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 5,752	5,752
26-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD -2,040	-2,040
26-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 734	734
26-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 46	46
26-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.40 ORD 46	46
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.39 ORD -56	-56
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.39 ORD 2,430	2,430
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.39 ORD -10,416	-10,416
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.39 ORD 4,240	4,240
26-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.39 ORD 4,833	4,833
26-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,316	-6,580
26-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,802	-9,010
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.36 ORD -69,995	-69,995
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.36 ORD -3,281	-3,281
27-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.35 CFD -7,611	-7,611
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33 CFD -1,978	-1,978

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 3,645	3,645
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 6,075	6,075
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 2,864	2,864
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 5,012	5,012
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 952	952
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.36	ORD 4,311	4,311
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 19,695	19,695
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -1,256	-1,256
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -11,556	-11,556
27-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -377	-1,885
27-Jan-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,657	-13,285
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -51,928	-51,928
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -25,215	-25,215
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -6,547	-6,547
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -34,011	-34,011
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -58,623	-58,623
28-Jan-22	BlackRock Fund Advisors	on mkt sell	4.33	ORD -79,080	-79,080
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -121,713	-121,713
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -8,934	-8,934
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33	ORD -8,246	-8,246
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -138,541	-138,541
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -4,809	-4,809
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 3,164	3,164
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 10,848	10,848
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 3,164	3,164
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33	ORD -2,927	-2,927
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33	ORD -497	-497
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33	ORD -509	-509
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 8,172	8,172
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	4.33	ORD 22,685	22,685
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 8	8
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 3,213	3,213
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 3,570	3,570
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.33	ORD -5,514	-5,514
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD 3,726	3,726
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 3,164	3,164
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.34	ORD -76,253	-76,253
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 2,168	2,168
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 9,492	9,492
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 4,068	4,068
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 904	904
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.34	ORD -22,740	-22,740

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28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.34 ORD -29,881	-29,881
28-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 10,136	10,136
28-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 53,480	53,480
28-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -577	-2,885
28-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -7,398	-36,990
31-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD -5,035	-5,035
31-Jan-22	BlackRock Investment Management, LLC	on mkt sell	4.35 ORD -2,925	-2,925
31-Jan-22	BlackRock International Limited	on mkt sell	4.35 ORD -3,771	-3,771
31-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 5,650	5,650
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 4	4
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 3,657	3,657
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 2,010	2,010
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	4.33 ORD -950	-950
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33 ORD -20,359	-20,359
31-Jan-22	BlackRock Fund Advisors	on mkt sell	4.33 ORD -34,765	-34,765
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33 ORD -503	-503
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33 ORD -6,881	-6,881
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	4.33 ORD 3,727	3,727
31-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.36 ORD 3,573	3,573
31-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 7,623	7,623
31-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,129	5,645
31-Jan-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 8,086	40,430
01-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.35 ORD -2,690	-2,690
01-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 13,290	13,290
01-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 26,580	26,580
01-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.36 ORD 4,967	4,967
01-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.38 ORD 1,705	1,705
01-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.38 ORD 2,046	2,046
01-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 13,290	13,290
01-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,193	10,965
01-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,088	5,440
02-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 5,413	5,413
02-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD -4,910	-4,910
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42 ORD -73,029	-73,029
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 4	4
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 8	8
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 8	8
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 3,729	3,729
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 1,695	1,695
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 3,729	3,729
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 1,489	1,489
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.42 ORD 1,489	1,489
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.41 ORD -1,808	-1,808
02-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 26,500	26,500
02-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 5,420	5,420
02-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD -8,838	-8,838
02-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -3,045	-15,225
03-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 9,210	9,210
03-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 2,684	2,684
03-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 114,120	114,120
03-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 76,080	76,080
03-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 304,320	304,320
03-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44 ORD -3,984	-3,984

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
03-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.47	ORD -15,316	-15,316
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 4,050	4,050
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 16,200	16,200
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD 8	8
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.47	ORD -2,265	-2,265
03-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,160	10,800
03-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 6,696	33,480
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 3,842	3,842
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -69,324	-69,324
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -8,676	-8,676
04-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.49	ORD 86,583	86,583
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.49	ORD 116,257	116,257
04-Feb-22	BlackRock Asset Management Canada Limited	on mkt buy	4.49	ORD 1,664	1,664
04-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	ORD 2,000	2,000
04-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	ORD 344	344
04-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	ORD 364	364
04-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.48	ORD -9,270	-9,270
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 20,643	20,643
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 8	8
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 16	16
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 6,095	6,095
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD -5,868	-5,868
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -2,706	-2,706
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 4,185	4,185
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 3,533	3,533
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 4,236	4,236
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 26,260	26,260
04-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,985	9,925
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 84,958	84,958
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,284	9,284
07-Feb-22	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -1,777	-1,777
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 60,346	60,346
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 6,321	6,321
07-Feb-22	BlackRock Japan Co., Ltd.	in specie	n/a	ORD 354,407	354,407
07-Feb-22	BlackRock Japan Co., Ltd.	in specie	n/a	ORD 956,226	956,226
07-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -24	-120
08-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 530	530
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 45,648	45,648
08-Feb-22	BlackRock Japan Co., Ltd.	on mkt buy	4.51	ORD 3,202	3,202
08-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	CFD -4,630	-4,630
08-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 14,916	14,916
08-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 32	32
08-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 265	265
08-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,394	1,394
08-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.50	CFD 29,041	29,041
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 25,289	25,289
08-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,948	-34,740
09-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.48	ORD -6,245	-6,245
09-Feb-22	BlackRock Fund Advisors	on mkt buy	4.49	ORD 62,104	62,104



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49 ORD	-62,828 -62,828
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	5,720 5,720
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	21,450 21,450
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	45,774 45,774
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	144,951 144,951
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	4,682 4,682
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	22,887 22,887
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	122,064 122,064
09-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	-5,760 -5,760
09-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50 ORD	-1,842 -1,842
09-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50 ORD	-284 -284
09-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50 ORD	-282 -282
09-Feb-22	BLACKROCK ADVISORS LLC	on mkt sell	4.50 ORD	-67,444 -67,444
09-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50 ORD	-15,941 -15,941
09-Feb-22	BlackRock International Limited	on mkt sell	4.50 ORD	-2,253 -2,253
09-Feb-22	BlackRock Investment Management, LLC	on mkt sell	4.50 ORD	-3,892 -3,892
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD	4,068 4,068
09-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.50 ORD	12,080 12,080
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.50 ORD	-949 -949
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD	3,729 3,729
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50 ORD	250 250
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48 ORD	2,938 2,938
09-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	-336 -1,680
09-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	-4,192 -20,960
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD	-4,972 -4,972
10-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58 CFD	-10,002 -10,002
10-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.57 CFD	-3,817 -3,817
10-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.57 ORD	122,950 122,950
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	676 676
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD	-2,844 -2,844
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.57 ORD	-5,206 -5,206
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	3,730 3,730
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	7,460 7,460
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	4,059 4,059
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	8,118 8,118
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	20,602 20,602
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57 ORD	3,730 3,730
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.56 ORD	-5,424 -5,424
10-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	-400 -2,000
10-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	2,826 14,130
11-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	-49,028 -49,028
11-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	10,872 10,872
11-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD	-1,233 -1,233
11-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.47 ORD	36,243 36,243
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47 ORD	8 8
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47 ORD	8 8
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47 ORD	6,065 6,065
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.47 ORD	-10,408 -10,408
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47 ORD	7,464 7,464
11-Feb-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	-485 -2,425

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
14-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.40	ORD 24,164	24,164
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 20,606	20,606
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 20,606	20,606
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 8	8
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 2,444	2,444
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -1,888	-1,888
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -10,404	-10,404
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 3,732	3,732
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 3,732	3,732
14-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 7,464	7,464
14-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.43	ORD 678	678
14-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -220	-1,100
14-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,928	-9,640
15-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -5,535	-5,535
15-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -73,837	-73,837
15-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 160,209	160,209
15-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.45	CFD -5,497	-5,497
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.46	ORD -44	-44
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 896	896
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 896	896
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 3,734	3,734
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.46	ORD 3,734	3,734
15-Feb-22	BLACKROCK ADVISORS LLC	on mkt buy	4.46	ORD 36,574	36,574
15-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 45,774	45,774
15-Feb-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -102,849	-102,849
15-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,884	-14,420
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 2,712	2,712
16-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 83,919	83,919
16-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,239	1,239
16-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD 251	251
16-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	ORD 29	29
16-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.49	CFD -5,453	-5,453
16-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.48	ORD -6,294	-6,294
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 1,395	1,395
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.50	ORD -8,622	-8,622
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 20,982	20,982
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 10,026	10,026
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 1,219	1,219
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.50	ORD 4,281	4,281
16-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.50	ORD 7,306	7,306
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49	ORD 678	678
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49	ORD -11,849	-11,849
16-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 37,024	37,024
16-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -143	-715
17-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49	ORD -2,072	-2,072
17-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.46	ORD -4,118	-4,118
17-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,260	9,260
17-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,368	4,368

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17-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.46	CFD	-5,992	-5,992
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.47	ORD	167,800	167,800
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD	2,076	2,076
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD	1,384	1,384
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD	2,422	2,422
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD	450	450
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD	-855	-855
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.48	ORD	1,499	1,499
17-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.48	ORD	-13,005	-13,005
17-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,368	4,368
17-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-79	-395
17-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,647	23,235
18-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	53,788	53,788
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD	-388	-388
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD	-53	-53
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	ORD	-35	-35
18-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.51	CFD	-1,780	-1,780
18-Feb-22	BlackRock Fund Advisors	on mkt buy	4.54	ORD	13,667	13,667
18-Feb-22	BlackRock Fund Advisors	on mkt buy	4.54	ORD	53,018	53,018
18-Feb-22	BlackRock Fund Advisors	on mkt buy	4.54	ORD	162,820	162,820
18-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	ORD	4,229	4,229
18-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.54	ORD	-5,465	-5,465
18-Feb-22	BlackRock Fund Advisors	on mkt sell	4.54	ORD	-2,488	-2,488
18-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.54	ORD	-13,197	-13,197
18-Feb-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-4,252	-4,252
18-Feb-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-11,310	-11,310
18-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,952	14,760
22-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	CFD	-1,002	-1,002
22-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.54	CFD	-17,782	-17,782
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.56	ORD	-4,301	-4,301
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	2,310	2,310
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	1,320	1,320
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	1,804	1,804
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	7,470	7,470
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	11,205	11,205
22-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.56	ORD	265	265
22-Feb-22	BlackRock International Limited	on mkt sell	4.56	ORD	-46,123	-46,123
22-Feb-22	BlackRock Japan Co., Ltd.	on mkt sell	4.56	ORD	-9,790	-9,790
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.54	ORD	-1,582	-1,582
22-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,862	29,310
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	53,788	53,788
23-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58	ORD	632	632
23-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58	ORD	74	74
23-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58	ORD	68	68
23-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.60	CFD	-11,353	-11,353
23-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.61	ORD	-4,067	-4,067
23-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	6,040	6,040
23-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.61	ORD	6,549	6,549

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23-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,170	45,850
24-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	-3,500	-3,500
24-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.62	CFD	-4,665	-4,665
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-24	-24
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-943	-943
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-1,886	-1,886
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-1,708	-1,708
24-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	ORD	23,709	23,709
24-Feb-22	BlackRock Asset Management Canada Limited	on mkt buy	4.59	ORD	1,649	1,649
24-Feb-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-21,662	-21,662
24-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,625	13,125
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	-11,582	-11,582
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	26,380	26,380
25-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.60	CFD	86,619	86,619
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-188,634	-188,634
25-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.59	ORD	-129,703	-129,703
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-12,417	-12,417
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	6,100	6,100
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.59	ORD	-2,260	-2,260
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	7,474	7,474
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	4.59	ORD	14,948	14,948
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	53,788	53,788
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	-11,582	-11,582
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	8,106	8,106
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,219	3,219
28-Feb-22	BlackRock Fund Advisors	on mkt buy	4.51	ORD	31,393	31,393
28-Feb-22	BlackRock Asset Management Canada Limited	on mkt buy	4.51	ORD	10,153	10,153
28-Feb-22	BlackRock Asset Management Canada Limited	on mkt buy	4.51	ORD	18,357	18,357
28-Feb-22	BlackRock Fund Advisors	on mkt buy	4.51	ORD	2,386,288	2,386,288
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.51	ORD	1,240	1,240
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	343,693	343,693
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	24,690	24,690
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	6,407	6,407
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	94,367	94,367
28-Feb-22	BlackRock Fund Advisors	on mkt buy	4.51	ORD	1,916	1,916
28-Feb-22	BlackRock Asset Management Canada Limited	on mkt buy	4.51	ORD	620	620
28-Feb-22	BlackRock Asset Management Canada Limited	on mkt buy	4.51	ORD	1,120	1,120
28-Feb-22	BlackRock Fund Advisors	on mkt buy	4.51	ORD	145,568	145,568
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	20,966	20,966
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	1,507	1,507
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	391	391
28-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD	-4,085	-4,085
28-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD	-900	-900
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD	1,438	1,438

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28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.51	ORD -112,248	-112,248
28-Feb-22	BlackRock International Limited	on mkt sell	4.51	ORD -71,354	-71,354
28-Feb-22	BlackRock Investment Management, LLC	on mkt sell	4.51	ORD -92,318	-92,318
28-Feb-22	BlackRock Fund Advisors	on mkt sell	4.51	ORD -66,457	-66,457
28-Feb-22	BlackRock Asset Management Canada Limited	on mkt sell	4.51	ORD -1,594	-1,594
28-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	4.51	ORD -7,777	-7,777
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.51	ORD 4,168	4,168
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.51	ORD -1,600	-1,600
28-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD 678	678
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 14,762	14,762
28-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 817	4,085
28-Feb-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 20,623	103,115
01-Mar-22	BlackRock Fund Advisors	on mkt sell	4.61	ORD -4,344	-4,344
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD 6,102	6,102
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	ORD 6,317	6,317
01-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -12,147	-12,147
01-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 4,808	4,808
01-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -1,800	-1,800
01-Mar-22	BlackRock Fund Advisors	on mkt buy	4.64	ORD 112,680	112,680
01-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -19	-95
01-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 12,719	63,595
02-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.65	ORD 1,192	1,192
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD -1,031	-1,031
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD -167	-167
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD -154	-154
02-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -81,018	-81,018
02-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -14,000	-14,000
02-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,713	-6,713
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -894	-894
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -1,341	-1,341
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 893	893
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 3,740	3,740
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.64	ORD 7,480	7,480
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64	ORD -795	-795
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64	ORD 4,446	4,446
02-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.64	ORD 8,412	8,412
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	ORD 46,008	46,008
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD 452	452
02-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,116	-10,580
02-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,581	37,905
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	CFD 3,243	3,243
03-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 8,452	8,452
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 20,380	20,380
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 4	4
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 2,410	2,410
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 257	257
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 1,448	1,448

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03-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 59,817	59,817
03-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 416	2,080
03-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,312	36,560
04-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,090	-9,090
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD 7,232	7,232
04-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.69	ORD -8,134	-8,134
04-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	4.69	ORD -12,074	-12,074
04-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 16	16
04-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.69	ORD 9,835	9,835
04-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.69	ORD 31,980	31,980
04-Mar-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 469,748	469,748
04-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 230	1,150
04-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,277	11,385
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 16,710	16,710
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -13,524	-13,524
07-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	CFD 2,575	2,575
07-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 1,351	1,351
07-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.62	ORD -1,395	-1,395
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 8,152	8,152
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 12	12
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD -3,741	-3,741
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 265	265
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD 265	265
07-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.62	ORD 5,403	5,403
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -30,888	-30,888
07-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,228	36,140
08-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	CFD 3,288	3,288
08-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.62	CFD 2,442	2,442
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	ORD 13,575	13,575
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -8,906	-8,906
08-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.59	CFD 27,081	27,081
08-Mar-22	BlackRock Japan Co., Ltd.	on mkt sell	4.61	ORD -8,019	-8,019
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 14,000	14,000
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.61	ORD -461	-461
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.61	ORD -1,784	-1,784
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD 3,740	3,740
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.61	ORD -42,881	-42,881
08-Mar-22	BlackRock Fund Advisors	on mkt sell	4.61	ORD -31,184	-31,184
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58	ORD 3,616	3,616
08-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,669	23,345
09-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.67	CFD 1,293	1,293
09-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.62	ORD -26,703	-26,703
09-Mar-22	BlackRock International Limited	on mkt sell	4.68	ORD -944	-944
09-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.68	ORD -977	-977
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	CFD 11,743	11,743
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	CFD 4,265	4,265

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09-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.69 CFD 44,557	44,557
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68 ORD -1,149	-1,149
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68 ORD -175	-175
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68 ORD -193	-193
09-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -11,512	-11,512
09-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD 10,592	10,592
09-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.70 ORD 1,488	1,488
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70 ORD 188,348	188,348
09-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.70 ORD -1,941	-1,941
09-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -9,084	-9,084
09-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,548	12,740
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70 CFD 3,651	3,651
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70 CFD 9,617	9,617
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 CFD 2,237	2,237
10-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.69 ORD -22,534	-22,534
10-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -7,482	-7,482
10-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -2,922	-2,922
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69 ORD -15,368	-15,368
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69 ORD 678	678
10-Mar-22	BlackRock Advisors (UK) Limited	in specie	n/a ORD -23,338	-23,338
10-Mar-22	BlackRock Advisors (UK) Limited	in specie	n/a ORD 23,338	23,338
10-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 5,043	25,215
11-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 46,591	46,591
11-Mar-22	BlackRock Japan Co., Ltd.	on mkt buy	4.62 ORD 7,348	7,348
11-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61 ORD -2,115	-2,115
11-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61 ORD -352	-352
11-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61 ORD -335	-335
11-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -9,084	-9,084
11-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 59,110	59,110
11-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD 9,464	9,464
11-Mar-22	BlackRock Fund Advisors	on mkt buy	4.60 ORD 31,095	31,095
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 32,536	32,536
11-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.60 ORD 48,272	48,272
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 888	888
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 5,194	5,194
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -7,480	-7,480
11-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60 ORD -188,889	-188,889
11-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 10,835	54,175
14-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -22,800	-22,800
14-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -97,954	-97,954
14-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -59,280	-59,280
14-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -9,120	-9,120
14-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -9,120	-9,120
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63 CFD 4,018	4,018

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14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	CFD 11,278	11,278
14-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.63	CFD 8,384	8,384
14-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.65	ORD 12,073	12,073
14-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 32	32
14-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 10,390	10,390
14-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.65	ORD -4,565	-4,565
14-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.65	ORD -12,656	-12,656
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 46,585	46,585
14-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,026	15,130
15-Mar-22	BlackRock Japan Co., Ltd.	on mkt buy	4.64	ORD 5,118	5,118
15-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	ORD 21,143	21,143
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 28,780	28,780
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,105	-6,105
15-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.65	ORD 109,833	109,833
15-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.65	ORD -6,278	-6,278
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -13,668	-13,668
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,112	-9,112
15-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 192	960
15-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,003	40,015
16-Mar-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 192,299	192,299
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	CFD 3,361	3,361
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -11,516	-11,516
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -40,306	-40,306
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -13,884	-13,884
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -13,884	-13,884
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD 4,564	4,564
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	ORD 380,604	380,604
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -4,066	-4,066
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 6,115	6,115
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 15,899	15,899
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 2,632	2,632
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -1,732	-1,732
16-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -572	-2,860
16-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 6,705	33,525
17-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	CFD 3,507	3,507
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 5,736	5,736
17-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
17-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
17-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.72	CFD 12,349	12,349
17-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 62,475	62,475
17-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 76	76
17-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 1,335	1,335
17-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD -3,754	-3,754
17-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 530	530
17-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	ORD -1,593	-1,593
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.73	ORD -4,972	-4,972



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73 ORD 678	678
17-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 12,605	63,025
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73 CFD 3,894	3,894
18-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.73 CFD 7,108	7,108
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73 CFD 11,172	11,172
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.73 CFD 16,508	16,508
18-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD 26,966	26,966
18-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -92,080	-92,080
18-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -17,265	-17,265
18-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	4.73 ORD -754,919	-754,919
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -2,692	-2,692
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72 ORD 274	274
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72 ORD 276	276
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.73 ORD 446	446
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.73 ORD 5,200	5,200
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.73 ORD 426	426
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73 ORD 94,776	94,776
18-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.73 ORD -1,035	-1,035
18-Mar-22	BlackRock Fund Advisors	on mkt sell	4.73 ORD -121,577	-121,577
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -953,413	-953,413
18-Mar-22	BlackRock Asset Management Canada Limited	on mkt sell	4.73 ORD -6,694	-6,694
18-Mar-22	BlackRock Asset Management Canada Limited	on mkt sell	4.73 ORD -53,479	-53,479
18-Mar-22	BlackRock Fund Advisors	on mkt sell	4.73 ORD -4,525,942	-4,525,942
18-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.74 ORD -70,022	-70,022
18-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.74 ORD -11,582	-11,582
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74 ORD -337,880	-337,880
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74 ORD -4,522	-4,522
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74 ORD -83,882	-83,882
18-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.74 ORD -23,341	-23,341
18-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.74 ORD -3,860	-3,860
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74 ORD -112,626	-112,626
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74 ORD -1,508	-1,508
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74 ORD -27,960	-27,960
18-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 143	715
18-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,015	15,075
21-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -35,403	-35,403
21-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD 1,668	1,668
21-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -2,160	-2,160
21-Mar-22	BlackRock Fund Advisors	in specie	n/a ORD -11,492	-11,492
21-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.73 ORD -45,890	-45,890
21-Mar-22	BlackRock Fund Advisors	on mkt sell	4.73 ORD -1,161	-1,161
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.74 ORD -13,185	-13,185
21-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76 CFD 3,194	3,194

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.76	ORD -3,555	-3,555
21-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	4.76	ORD -12,845	-12,845
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 8	8
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 9,760	9,760
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 6,120	6,120
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 892	892
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -62,412	-62,412
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -7,508	-7,508
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 88,457	88,457
21-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 270	1,350
21-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,497	37,485
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD 3,356	3,356
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD 9,254	9,254
22-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.78	CFD 6,933	6,933
22-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.78	CFD 15,849	15,849
22-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -17,229	-17,229
22-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -11,486	-11,486
22-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.78	ORD 45,890	45,890
22-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	ORD 658,000	658,000
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 24,666	24,666
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 2,616	2,616
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,962	1,962
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 2,235	2,235
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -3,753	-3,753
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 852	852
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,475	1,475
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,498	1,498
22-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 106,536	106,536
22-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 35,998	35,998
22-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,805	4,805
22-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -168	-840
22-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 6,394	31,970
23-Mar-22	BlackRock Japan Co., Ltd.	on mkt buy	4.78	ORD 8,423	8,423
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -31,500	-31,500
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 134	134
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 131	131
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 20,560	20,560
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -23,157	-23,157
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 14,781	14,781
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -9,740	-9,740
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,680	1,680
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -3,752	-3,752
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 854	854
23-Mar-22	BlackRock Fund Advisors	on mkt buy	4.79	ORD 21,182	21,182
23-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD 1,975	1,975
23-Mar-22	BlackRock Fund Advisors	on mkt buy	4.79	ORD 9,263	9,263
23-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.79	ORD 864	864
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -42,664	-42,664
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 6,811	6,811

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23-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	17,835
24-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.67	ORD	25,572
24-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	CFD	10,791
24-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.69	CFD	15,736
24-Mar-22	BlackRock Fund Advisors	on mkt sell	4.69	ORD	-300,851
24-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.69	CFD	6,899
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	7,464
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	836
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-13,824
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-13,824
24-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	ORD	3,607
24-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	6,620
24-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD	-1,478
24-Mar-22	BlackRock Fund Advisors	on mkt sell	4.71	ORD	-1,589
24-Mar-22	BlackRock Fund Advisors	on mkt buy	4.71	ORD	41,896
24-Mar-22	BlackRock Fund Advisors	on mkt buy	4.71	ORD	1,589
24-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	CFD	3,646
24-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	16,500
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	CFD	12,768
25-Mar-22	BlackRock Investment Management, LLC	on mkt buy	4.66	CFD	3,046
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	CFD	3,949
25-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-49,000
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD	40
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	ORD	30
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD	4,129
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD	4,129
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.66	ORD	144
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.66	ORD	-36
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.66	ORD	-2,634
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.66	ORD	-8,215
25-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	ORD	13,315
25-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.66	ORD	-2,844
25-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.66	ORD	-10,471
25-Mar-22	BlackRock Investment Management, LLC	on mkt sell	4.66	ORD	-10,954
25-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.66	ORD	-40,312
25-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	40,449
25-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,515
25-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	17,610
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	8,430
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	36,618
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-70,000
28-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.62	CFD	17,524
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	CFD	15,868
28-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.62	CFD	7,684
28-Mar-22	BlackRock Investment Management, LLC	on mkt buy	4.62	CFD	3,086
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	CFD	4,820
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD	4,129
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.62	ORD	9,738
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD	-2,727

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD	-3,767	-3,767
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.62	ORD	-7,534	-7,534
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	ORD	4,545	4,545
28-Mar-22	BlackRock Asset Management Canada Limited	on mkt sell	4.62	ORD	-1,172	-1,172
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.62	ORD	-807	-807
28-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.61	ORD	-1,117	-1,117
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	7,476	7,476
28-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	218	1,090
28-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,791	38,955
29-Mar-22	BlackRock Japan Co., Ltd.	on mkt buy	4.58	ORD	4,711	4,711
29-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58	CFD	3,412	3,412
29-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	13,483	13,483
29-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.58	ORD	-44,355	-44,355
29-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD	9,740	9,740
29-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD	3,767	3,767
29-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.57	ORD	24,280	24,280
29-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.57	ORD	2,423	2,423
29-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57	ORD	-13,933	-13,933
29-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,440	12,200
30-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	4.60	ORD	4,464	4,464
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58	ORD	78,319	78,319
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	103,751	103,751
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD	1,941	1,941
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD	363	363
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD	360	360
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	8	8
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	1,670	1,670
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	2,338	2,338
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	2,004	2,004
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	1,350	1,350
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	2,700	2,700
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.61	ORD	854	854
30-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.61	ORD	2,072	2,072
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	ORD	10,951	10,951
30-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.61	ORD	5,520	5,520
30-Mar-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,227	26,135
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-69,612	-69,612
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,120	2,120
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,052	4,052
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD	20,015	20,015
31-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.58	ORD	25,596	25,596
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.58	ORD	-29,574	-29,574
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	4.58	ORD	3,663	3,663
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	4.58	ORD	-5,187	-5,187
31-Mar-22	BlackRock Asset Management Canada Limited	on mkt sell	4.58	ORD	-3,634	-3,634
31-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.58	ORD	-77,755	-77,755

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58 ORD -85,109	-85,109
31-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.58 ORD -59,001	-59,001
31-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.58 ORD 70,161	70,161
31-Mar-22	BlackRock Asset Management Canada Limited	on mkt buy	4.58 ORD 4,737	4,737
31-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -49,324	-246,620
31-Mar-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,146,100	-5,730,500
01-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 79,339	79,339
01-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 4,112	4,112
01-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 6,818	6,818
01-Apr-22	BlackRock Japan Co., Ltd.	on mkt buy	4.60 ORD 9,012	9,012
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60 CFD 9,374	9,374
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.61 ORD 18,311	18,311
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60 ORD -16,268	-16,268
01-Apr-22	BlackRock Fund Advisors	on mkt buy	4.60 ORD 649	649
01-Apr-22	BlackRock Fund Advisors	on mkt buy	4.60 ORD 3,389	3,389
01-Apr-22	BlackRock Asset Management Canada Limited	on mkt sell	4.60 ORD -10,293	-10,293
01-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 1,011	1,011
01-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -5,516	-5,516
01-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.60 ORD 21,913	21,913
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60 CFD 3,213	3,213
01-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 26,524	26,524
01-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 49,409	247,045
01-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,155,404	5,777,020
04-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 42,721	42,721
04-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.65 ORD -17,930	-17,930
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.65 ORD -128,405	-128,405
04-Apr-22	BlackRock Fund Advisors	on mkt sell	4.65 ORD -36,547	-36,547
04-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.65 ORD -31,657	-31,657
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 16,048	16,048
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 4,706	4,706
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 3,690	3,690
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,998	1,998
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 1,332	1,332
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 904	904
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.65 ORD 17,455	17,455
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67 ORD 3,329	3,329
04-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 300	1,500
04-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 6,774	33,870
05-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 8,382	8,382
05-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 8,382	8,382
05-Apr-22	BlackRock Fund Advisors	on mkt buy	4.75 ORD 5,044	5,044
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 16	16
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 1,359	1,359
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 453	453
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75 ORD 1,502	1,502
05-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 5,411	5,411
05-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75 ORD 1,353	1,353
05-Apr-22	BlackRock Investment Management, LLC	on mkt buy	4.75 ORD 5,906	5,906
05-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 11,858	11,858

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
05-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,704	23,520
06-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	30,515	30,515
06-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	ORD	1,396	1,396
06-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	ORD	173	173
06-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	ORD	178	178
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	7,914	7,914
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	8	8
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	1,690	1,690
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD	3,781	3,781
06-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	354	1,770
06-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,227	31,135
07-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	13,483	13,483
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD	9,070	9,070
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD	11,569	11,569
07-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	ORD	4,205	4,205
07-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	3,782	3,782
07-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	9,432	9,432
07-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-47	-235
07-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,111	15,555
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	26,966	26,966
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	18,382	18,382
08-Apr-22	BlackRock Fund Advisors	on mkt sell	4.78	ORD	-11,016	-11,016
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD	3,720	3,720
08-Apr-22	BlackRock Investment Management, LLC	on mkt buy	4.81	CFD	3,013	3,013
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD	11,317	11,317
08-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.81	CFD	6,828	6,828
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD	868	868
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD	92	92
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD	78	78
08-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD	38,632	38,632
08-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD	2,438	2,438
08-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD	2,904	2,904
08-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.84	CFD	15,420	15,420
08-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD	8,639	8,639
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD	195,524	195,524
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	ORD	-21,855	-21,855
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	ORD	-21,644	-21,644
08-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	87	435
08-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,233	16,165
11-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	-2,114	-2,114
11-Apr-22	BlackRock Japan Co., Ltd.	on mkt buy	4.82	ORD	7,555	7,555
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	CFD	8,999	8,999
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	CFD	3,061	3,061
11-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.82	CFD	15,421	15,421

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11-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.81	ORD -22,332	-22,332
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 3,984	3,984
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 3,984	3,984
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -36	-36
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 1,356	1,356
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 3,723	3,723
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 11,169	11,169
11-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -10,027	-10,027
11-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,298	6,490
11-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 896	4,480
12-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,178	9,178
12-Apr-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	CFD 9,188	9,188
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	CFD -4,700	-4,700
12-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 11,307	11,307
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 23,057	23,057
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 6,875	6,875
12-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD 8,437	8,437
12-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD -1,116	-1,116
12-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,043	5,215
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -424	-424
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -89	-89
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -97	-97
13-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.83	ORD 342	342
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.85	ORD -3,974	-3,974
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 24	24
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 1,792	1,792
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 3,726	3,726
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 7,452	7,452
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 1,459	1,459
13-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.85	ORD -99,793	-99,793
13-Apr-22	BlackRock Fund Advisors	on mkt buy	4.85	ORD 14,324	14,324
13-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 242	1,210
13-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,226	11,130
14-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 17,888	17,888
14-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,956	3,956
14-Apr-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 3,100	3,100
14-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.85	ORD -59,790	-59,790
14-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	CFD 928	928
14-Apr-22	BlackRock Asset Management North Asia Limited	on mkt sell	4.85	ORD -19,714	-19,714
14-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 893	893
14-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 2,679	2,679
14-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 11,181	11,181
14-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 270	1,350
14-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,533	-12,665
18-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 89	445
18-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 292	1,460
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -11,546	-11,546
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 42,721	42,721
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,708	1,708
19-Apr-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 402,803	402,803

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19-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 2,594	2,594
19-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	CFD -3,492	-3,492
19-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.88	ORD 53,537	53,537
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 24	24
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 3,728	3,728
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 2,924	2,924
19-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85	ORD -108,193	-108,193
19-Apr-22	BlackRock Fund Advisors	on mkt buy	4.85	ORD 30,204	30,204
19-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 348	1,740
19-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,902	14,510
20-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 91,545	91,545
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 1,062	1,062
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 172	172
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 187	187
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD -14,588	-14,588
20-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD 4,864	4,864
20-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD -10,474	-10,474
20-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD 7,456	7,456
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD -30,406	-30,406
20-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -381	-1,905
20-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,577	22,885
21-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 30,515	30,515
21-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,095	2,095
21-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD 20,870	20,870
21-Apr-22	BlackRock Japan Co., Ltd.	on mkt buy	4.93	ORD 7,621	7,621
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	CFD -11,101	-11,101
21-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92	ORD -2,743	-2,743
21-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.93	CFD -5,872	-5,872
21-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 3,956	3,956
21-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.93	ORD -20	-20
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.93	ORD 98,206	98,206
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.93	ORD -94,067	-94,067
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD -2,091	-2,091
21-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 41	205
21-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,904	-24,520
22-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,328	9,328
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 305,922	305,922
22-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -6,046	-6,046
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 7,912	7,912
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 20	20
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 1,304	1,304
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 22,284	22,284
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD -4,392	-4,392
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.93	ORD -1,116	-1,116
22-Apr-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -6,920	-6,920



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22-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-8,274	-8,274
22-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,137,035	5,685,175
22-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD	1,786,483	1,786,483
22-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,131,942	-5,659,710
25-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,823	-9,115
25-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	756	3,780
26-Apr-22	BlackRock Investment Management, LLC	in specie	n/a	ORD	63,691	63,691
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD	10,840	10,840
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	-21,000	-21,000
26-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD	-19,845	-19,845
26-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	ORD	-5,923	-5,923
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD	-7,858	-7,858
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	1,216	1,216
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD	-1,772	-1,772
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	3,716	3,716
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD	-252,688	-252,688
26-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	ORD	63,036	63,036
26-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.90	ORD	11,379	11,379
26-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	ORD	-5,394	-5,394
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	85,088	85,088
26-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	990	4,950
27-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	-82,979	-82,979
27-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	26,966	26,966
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD	1,141	1,141
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD	145	145
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD	123	123
27-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD	-3,920	-3,920
27-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	4	4
27-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	3,648	3,648
27-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD	-3,719	-3,719
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD	-11,595	-11,595
27-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	24,018	24,018
27-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	11,595	11,595
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD	-14,140	-14,140
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	ORD	-3,416	-3,416
27-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-501	-2,505
27-Apr-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	192	960
28-Apr-22	BlackRock Investment Management, LLC	on mkt sell	4.96	ORD	-13,757	-13,757
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.97	ORD	-4,369	-4,369
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.97	ORD	-16,461	-16,461
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	3,648	3,648
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	2,282	2,282
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	5,868	5,868
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-896	-896
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	2,966	2,966
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	1,500	1,500
28-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	4,500	4,500
28-Apr-22	BlackRock Fund Advisors	on mkt buy	4.97	ORD	4,611	4,611
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.97	ORD	-111,325	-111,325

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28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.97 ORD -294,738	-294,738
28-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 329	1,645
28-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,136	5,680
29-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD -11,526	-11,526
29-Apr-22	BlackRock Fund Advisors	in specie	n/a ORD 3,848	3,848
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.95 ORD -56,454	-56,454
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.95 ORD -15,050	-15,050
29-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.97 CFD -6,374	-6,374
29-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.92 ORD -894	-894
29-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	4.92 ORD -1,484	-1,484
29-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92 ORD -85,510	-85,510
29-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.92 ORD -2,019	-2,019
29-Apr-22	BlackRock Investment Management, LLC	on mkt sell	4.92 ORD -9,122	-9,122
29-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.92 ORD 10,596	10,596
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92 ORD -47,001	-47,001
29-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92 ORD -7,367	-7,367
29-Apr-22	BlackRock Investment Management, LLC	on mkt sell	4.92 ORD -785	-785
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92 ORD -28,784	-28,784
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92 CFD -128,680	-128,680
29-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -3,709	-18,545
29-Apr-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 255	1,275
02-May-22	BlackRock Fund Advisors	in specie	n/a ORD 3,680	3,680
02-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.92 CFD -627	-627
02-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.91 ORD -14,686	-14,686
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91 ORD -6,921	-6,921
02-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.91 ORD -5,016	-5,016
02-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.91 ORD -9,476	-9,476
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91 ORD -10,674	-10,674
02-May-22	BlackRock Fund Advisors	on mkt buy	4.91 ORD 31,128	31,128
02-May-22	BlackRock Fund Advisors	on mkt buy	4.91 ORD 1,795	1,795
02-May-22	BlackRock Fund Advisors	on mkt buy	4.91 ORD 62,173	62,173
02-May-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,840	14,200
03-May-22	BlackRock Fund Advisors	in specie	n/a ORD -57,700	-57,700
03-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89 ORD -33,055	-33,055
03-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89 ORD -22,421	-22,421
03-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.87 ORD -28,803	-28,803
03-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -14,573	-14,573
03-May-22	BlackRock Fund Advisors	on mkt sell	4.87 ORD -6,537	-6,537
03-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.87 ORD -9,134	-9,134
03-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 8	8
03-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 9,509	9,509
03-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.87 ORD -8,465	-8,465
03-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87 ORD -518	-518
03-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.87 ORD -6,342	-6,342

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03-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.87	ORD -23,537	-23,537
03-May-22	BlackRock Investment Management, LLC	on mkt buy	4.87	ORD 8,576	8,576
03-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	ORD 15,272	15,272
03-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,685	-13,425
03-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -50	-250
04-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,962	4,962
04-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,125	2,125
04-May-22	BlackRock Japan Co., Ltd.	on mkt buy	4.90	ORD 1,015	1,015
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	CFD -11,839	-11,839
04-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.92	CFD -31,129	-31,129
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -3,817	-3,817
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -34,785	-34,785
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -61,014	-61,014
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -17,287	-17,287
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 1,352	1,352
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 258	258
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 261	261
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 23,688	23,688
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 12	12
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 6,684	6,684
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 7,390	7,390
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 7,390	7,390
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 1,490	1,490
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 1,490	1,490
04-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD 1,490	1,490
04-May-22	BlackRock Investment Management, LLC	on mkt buy	4.92	ORD 5,793	5,793
04-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.93	ORD 1,116	1,116
04-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 48,824	48,824
04-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,846	-14,230
05-May-22	BlackRock Fund Advisors	on mkt sell	4.92	ORD -1,797	-1,797
05-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.96	CFD -1,459	-1,459
05-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.96	ORD -12,379	-12,379
05-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.97	ORD -707	-707
05-May-22	BlackRock Investment Management, LLC	on mkt sell	4.97	ORD -35,571	-35,571
05-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 8	8
05-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 12	12
05-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 3,713	3,713
05-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 749	3,745
05-May-22	APERIO GROUP LLC	in specie	n/a	ORD 45,283	45,283
05-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 491	2,455
06-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 183,090	183,090
06-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.93	ORD -21,128	-21,128
06-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.91	CFD -1,787	-1,787
06-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.90	CFD -2,788	-2,788
06-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	CFD -16,386	-16,386

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
06-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 44,535	44,535
06-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 4	4
06-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.89	ORD -2,265	-2,265
06-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 3,713	3,713
06-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.89	ORD -795	-795
06-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD 1,507	1,507
06-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.89	ORD -18,288	-18,288
06-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.89	ORD 19,308	19,308
06-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.89	ORD -9,130	-9,130
06-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.89	ORD -4,327	-4,327
06-May-22	BlackRock Investment Management, LLC	on mkt buy	4.89	ORD 2,469	2,469
06-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.89	ORD -3,220	-3,220
06-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.89	ORD -12,937	-12,937
06-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.89	ORD -30,171	-30,171
06-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.89	ORD -3,432	-3,432
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89	ORD -12,339	-12,339
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.89	ORD -2,742	-2,742
06-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -272	-1,360
06-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -209	-1,045
09-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,772	5,772
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86	ORD -30,000	-30,000
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86	ORD -28,753	-28,753
09-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -9,590	-9,590
09-May-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.87	ORD 8,578	8,578
09-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 3,699	3,699
09-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 7,398	7,398
09-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD 7,398	7,398
09-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,151	-5,755
09-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -25	-125
10-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -26,549	-26,549
10-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -24,096	-24,096
10-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,216	1,216
10-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -898	-898
10-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 3,700	3,700
10-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -1,708	-1,708
10-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 4,533	4,533
10-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -40,015	-40,015
10-May-22	BlackRock Fund Advisors	on mkt buy	4.75	ORD 934	934
10-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,371	6,855
11-May-22	BlackRock Asset Management Canada Limited	on mkt buy	4.80	ORD 1,213	1,213
11-May-22	BlackRock Japan Co., Ltd.	on mkt buy	4.79	ORD 9,958	9,958
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	CFD -1,412	-1,412
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD 406	406
11-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.79	ORD -2,893	-2,893
11-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -4	-4
11-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -387	-387
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 2,432	2,432

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11-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD	-1,510	-1,510
11-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD	-902	-902
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	10,386	10,386
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	15,579	15,579
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	3,701	3,701
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	3,701	3,701
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	3,701	3,701
11-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD	3,701	3,701
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD	-3,442	-3,442
11-May-22	BlackRock Fund Advisors	on mkt sell	4.78	ORD	-1,750	-1,750
11-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	-36,582	-36,582
11-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,020	30,100
11-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-230	-1,150
12-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,962	4,962
12-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,684	3,684
12-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD	2,134	2,134
12-May-22	BlackRock Investment Management, LLC	on mkt sell	4.84	ORD	-10,510	-10,510
12-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD	-20,000	-20,000
12-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD	2,462	2,462
12-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD	7,434	7,434
12-May-22	BlackRock Fund Advisors	on mkt buy	4.84	ORD	111,562	111,562
12-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,942	-24,710
12-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	118	590
13-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	CFD	9,634	9,634
13-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD	-25,805	-25,805
13-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	60	60
13-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	11,154	11,154
13-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	1,527	1,527
13-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.90	ORD	33,011	33,011
13-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,554	-12,770
13-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	205	1,025
16-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	97,648	97,648
16-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	115,957	115,957
16-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	CFD	10,718	10,718
16-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.81	ORD	-4,305	-4,305
16-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD	-2,282	-2,282
16-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD	2,468	2,468
16-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD	5,201	5,201
16-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.81	ORD	-6,142	-6,142
16-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.81	ORD	-2,637	-2,637
16-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD	-1,398	-1,398
16-May-22	BlackRock Fund Advisors	on mkt buy	4.81	ORD	7,799	7,799
16-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.81	ORD	-3,764	-3,764
16-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,337	-11,685
16-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,123	-5,615
17-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	42,721	42,721
17-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD	1,430	1,430
17-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD	1,527	1,527
17-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD	-13,334	-13,334
17-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-6,822	-34,110
17-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,596	7,980
18-May-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-21,681	-21,681
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	73,236	73,236
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	91,545	91,545

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,588 9,588
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 858 858
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD -16,386 -16,386
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD -40,404 -40,404
18-May-22	BLACKROCK ADVISORS LLC	on mkt sell	4.79	ORD -1,906 -1,906
18-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD -13,367 -13,367
18-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 19,176 19,176
18-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 1,205 1,205
18-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 229 229
18-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 204 204
18-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -1,370 -1,370
18-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -14,852 -14,852
18-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 901 901
18-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 11,160 11,160
18-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 1,433 1,433
18-May-22	BlackRock Fund Advisors	on mkt buy	4.78	ORD 18,087 18,087
18-May-22	BlackRock Fund Advisors	on mkt buy	4.78	ORD 18,086 18,086
18-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.78	ORD -1,455 -1,455
18-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.78	ORD -34,718 -34,718
18-May-22	BlackRock Fund Advisors	on mkt buy	4.78	ORD 15,005 15,005
18-May-22	BlackRock Fund Advisors	on mkt buy	4.78	ORD 15,006 15,006
18-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,871 -9,355
18-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 383 1,915
19-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,704 1,704
19-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,402 9,402
19-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -856 -856
19-May-22	BlackRock Investment Management, LLC	on mkt sell	4.76	ORD -16,408 -16,408
19-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 4,028 4,028
19-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 2,444 2,444
19-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 1,116 1,116
19-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,266 -16,330
19-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -93 -465
20-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.79	ORD -25,033 -25,033
20-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	CFD -2,811 -2,811
20-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 2,275 2,275
20-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 385 385
20-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 400 400
20-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 2,492 2,492
20-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 914 914
20-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 2,878 2,878
20-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD -3,603 -3,603
20-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD -2,938 -2,938
20-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,924 -34,620
20-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -242 -1,210
23-May-22	BlackRock Japan Co., Ltd.	on mkt buy	4.74	ORD 12,045 12,045
23-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 3,666 3,666
23-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 311,413 311,413
23-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 138 690

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23-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-8,571	-42,855
23-May-22	APERIO GROUP LLC	in specie	n/a	ORD	18,724	18,724
24-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD	-19,665	-19,665
24-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	918	918
24-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD	-32,860	-32,860
24-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.76	ORD	-131,039	-131,039
24-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	26,689	26,689
24-May-22	BlackRock Fund Advisors	on mkt buy	4.76	ORD	32,763	32,763
24-May-22	BlackRock Asset Management Canada Limited	on mkt buy	4.76	ORD	4,947	4,947
24-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	767,346	767,346
24-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-418	-2,090
24-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,363	-26,815
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	21,616	21,616
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	91,545	91,545
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	16,212	16,212
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	42,721	42,721
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	10,808	10,808
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,048	4,048
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	-3,500	-3,500
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	ORD	-27,612	-27,612
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	ORD	-28,930	-28,930
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD	-2,085	-2,085
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD	-10,220	-10,220
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	589	589
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	102	102
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD	102	102
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	2,359	2,359
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	1,011	1,011
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	450	450
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	11,208	11,208
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	2,892	2,892
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD	2,892	2,892
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72	ORD	21,963	21,963
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD	-194,509	-194,509
25-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	-69,252	-69,252
25-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,083,024	1,083,024
25-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,078,760	-1,078,760
25-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-150	-750
25-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,448	-22,240
26-May-22	BlackRock Fund Advisors	in specie	n/a	ORD	822	822
26-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD	10,145	10,145
26-May-22	BlackRock Japan Co., Ltd.	on mkt sell	4.76	ORD	-2,037	-2,037
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD	3,281	3,281
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD	49,776	49,776
26-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	451	451
26-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	915	915
26-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD	427	427

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
26-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	ORD -23,708	-23,708
26-May-22	BlackRock Investment Management, LLC	on mkt sell	4.71	ORD -16,453	-16,453
26-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,083,024	-1,083,024
26-May-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 37,587	37,587
26-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 453	2,265
26-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -5,517	-27,585
27-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,848	10,848
27-May-22	BlackRock Investment Management, LLC	on mkt sell	4.70	ORD -17,281	-17,281
27-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -10,017	-10,017
27-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -16	-16
27-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 1,450	1,450
27-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -2,281	-2,281
27-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 95,686	95,686
27-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,022	-5,110
27-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,417	-17,085
27-May-22	APERIO GROUP LLC	in specie	n/a	ORD 1,001	1,001
30-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 60,822	60,822
30-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -95,686	-95,686
31-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 6,198	6,198
31-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,287	1,287
31-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 73,236	73,236
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.81	ORD -667	-667
31-May-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.86	ORD 8,585	8,585
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 2,608	2,608
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 1,780	1,780
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 902	902
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 884	884
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 3,367	3,367
31-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	ORD 37,871	37,871
31-May-22	BlackRock International Limited	on mkt buy	4.86	ORD 71,470	71,470
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	ORD 8,758	8,758
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 27,123	27,123
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 1,494	1,494
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 10,488	10,488
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	ORD 2,721	2,721
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 17,823	17,823
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 161,550	161,550
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 483	483
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 3,448	3,448
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 270	270
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 5,645	5,645
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 11,418	11,418
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 22,971	22,971
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 6,084	6,084
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 5,767	5,767
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 7,649	7,649
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 2,282	2,282



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 7,090	7,090
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 62,758	62,758
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 53,767	53,767
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 2,878	2,878
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 656	656
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 368,101	368,101
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 99,813	99,813
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 2,306	2,306
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86 ORD 5,332	5,332
31-May-22	BlackRock Investment Management, LLC	on mkt buy	4.86 ORD 4,679	4,679
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 17,542	17,542
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 1,304	1,304
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86 ORD -100,253	-100,253
31-May-22	BlackRock Japan Co., Ltd.	on mkt sell	4.86 ORD -840	-840
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86 ORD -33,316	-33,316
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86 ORD -16,823	-16,823
31-May-22	BlackRock Fund Advisors	on mkt sell	4.86 ORD -1,864	-1,864
31-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.86 ORD -3,293	-3,293
31-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86 ORD -583	-583
31-May-22	BlackRock Asset Management Canada Limited	on mkt sell	4.86 ORD -10,644	-10,644
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86 ORD 225,816	225,816
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86 ORD -79,059	-79,059
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86 ORD -66,173	-66,173
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86 ORD 14,825	14,825
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 145,573	145,573
31-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86 ORD -28,252	-28,252
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 294,382	294,382
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 592,253	592,253
31-May-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86 ORD -335	-335
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 156,857	156,857
31-May-22	BlackRock Fund Advisors	on mkt sell	4.86 ORD -41,240	-41,240
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86 ORD 148,701	148,701
31-May-22	BlackRock Fund Advisors	on mkt buy	4.86 ORD 197,212	197,212
31-May-22	BlackRock Fund Advisors	on mkt sell	4.86 ORD -194,632	-194,632
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 58,848	58,848
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 182,811	182,811
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 74,431	74,431
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 12,688	12,688
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86 ORD -318,238	-318,238

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 25,219	25,219
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 59,478	59,478
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86	ORD -79,748	-79,748
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86	ORD -68,003	-68,003
31-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.86	ORD -28,939	-28,939
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.86	ORD -306,630	-306,630
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -11,955	-11,955
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -13,208	-13,208
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -2,439	-2,439
31-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 489,711	489,711
31-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 606,684	606,684
31-May-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -37,587	-37,587
31-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 397	1,985
31-May-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,434	-32,170
01-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,233	1,233
01-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 134,266	134,266
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -7,984	-7,984
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82	ORD -2,033	-2,033
01-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	ORD 2,922	2,922
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 9,048	9,048
01-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 511	511
01-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 3,499	3,499
01-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86	ORD 920	920
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 5,946	5,946
01-Jun-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 53,892	53,892
01-Jun-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 284	284
01-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	4.86	ORD 1,162	1,162
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 1,884	1,884
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 3,809	3,809
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 7,663	7,663
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 2,030	2,030
01-Jun-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 1,925	1,925
01-Jun-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD 2,552	2,552
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 762	762
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 2,366	2,366
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 20,936	20,936
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 17,936	17,936
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 972	972
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 770	770

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01-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.86 ORD 1,790	1,790
01-Jun-22	BlackRock Investment Management, LLC	on mkt buy	4.86 ORD 1,561	1,561
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86 ORD 5,852	5,852
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86 ORD -4,159	-4,159
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86 ORD -662	-662
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86 ORD -661	-661
01-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86 ORD 67,142	67,142
01-Jun-22	BlackRock Fund Advisors	on mkt buy	4.86 ORD 69,589	69,589
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 4,109	4,109
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 4,868	4,868
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 3,403	3,403
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86 ORD -20,842	-20,842
01-Jun-22	BlackRock Fund Advisors	on mkt sell	4.86 ORD -5,207	-5,207
01-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86 ORD -18,418	-18,418
01-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85 ORD 5,833	5,833
01-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -192,846	-192,846
01-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -100,000	-100,000
01-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 672	3,360
01-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -4,237	-21,185
02-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD -6,472	-6,472
02-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 5,238	5,238
02-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD -10,500	-10,500
02-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.80 ORD -37,908	-37,908
02-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81 ORD 3,637	3,637
02-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81 ORD 22,740	22,740
02-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.80 ORD 1,471	1,471
02-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80 ORD 8,862	8,862
02-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80 ORD 7,602	7,602
02-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80 ORD -941	-941
02-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.80 ORD -4,774	-4,774
02-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.80 ORD -272	-272
02-Jun-22	BlackRock Investment Management, LLC	on mkt sell	4.80 ORD -19,696	-19,696
02-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -259,278	-259,278
02-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -506,684	-506,684
02-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 836	4,180
02-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,878	-9,390
03-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 1,232	1,232
03-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81 ORD -2,563	-2,563
03-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82 ORD 107,628	107,628
03-Jun-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.82 ORD -7,611	-7,611
03-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD 42,067	42,067
03-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD 6,764	6,764

<b>Transaction Date</b>	<b>Person whose relevant interest changed</b>	<b>Nature of change / Consideration (NZD)</b>	<b>Class and number of securities affected</b>	<b>Person's votes affected</b>
03-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81 ORD 6,710	6,710
03-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81 ORD -13,724	-13,724
03-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 363	1,815
03-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,486	17,430

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - APAC - BarCap CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	APAC Alpha Advantage Custom Strategy - BAML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Black Pearl Risk Premia LLC - BNP CFD		BNP PARIBAS
BLACKROCK INSTITUTIONAL TRUST CO NA	Black Pearl Risk Premia LLC- Citi CFD		CITBK
BLACKROCK INSTITUTIONAL TRUST CO NA	Black Pearl Risk Premia LLC- JPM CFD		JP Morgan (JPMSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	Black Pearl Risk Premia LLC- ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	CMAP Style Advantage - Citi CFD		CITBK
BLACKROCK FINANCIAL MANAGEMENT, INC.	CMAP Style Advantage - JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT, INC.	CMAP Style Advantage - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - APAC Small Cap - GS CFD		Goldman Sachs Intl
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd Small Mid - JPM CFD		JP Morgan (JPMSW)
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF PDEAR - Small Cap CITI CFD		CITBK
BLACKROCK INSTITUTIONAL TRUST CO NA	Style Advantage - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	Style Advantage - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Style Advantage - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BlackRock Systematic ESG Equity Absolute Return Fund - MS CFD Sleeve		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK ADVISORS LLC	Blackrock Total Factor Fund - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK ADVISORS LLC	BlackRock Total Factor Fund - BNP CFD		BNP PARIBAS
BLACKROCK ADVISORS LLC	Blackrock Total Factor Fund - GS CFD		Goldman Sachs Intl
BLACKROCK ADVISORS LLC	BlackRock Total Factor Fund - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT LLC	BSF BlackRock Style Advantage Fund - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF BlackRock Style Advantage Fund - BNP CFD		BNP PARIBAS
BLACKROCK INVESTMENT MANAGEMENT LLC	BSF BlackRock Style Advantage Fund - Citi CFD		CITBK
BLACKROCK INVESTMENT MANAGEMENT LLC	BSF BlackRock Style Advantage Fund - GS CFD		Goldman Sachs Intl
BLACKROCK INVESTMENT MANAGEMENT LLC	BSF BlackRock Style Advantage Fund - ML CFD		MERRILL LYNCH INTERNATIONAL