

Disclosure of ceasing to have substantial holding

Section 279, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange
and

To: Contact Energy Ltd

Date this disclosure made: 26 April 2022

Date last disclosure made: 15 October 2021

Date on which substantial holding ceased: 22 April 2022

Substantial product holder(s) giving disclosure

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

Summary of previous substantial holding

Class of quoted voting products: ordinary shares

Summary for: Product holders listed in Appendix A

For **last** disclosure,—

(a) total number held in class: 47,872,290

(b) total in class: 778,813,953

(c) total percentage held in class: 6.147%

For current holding **after** ceasing to have substantial holding,—

(a) total number held in class: 38,449,357

(b) total in class: 780,638,303

(c) total percentage held in class: 4.925%

Details of transactions and events giving rise to ceasing of substantial holding

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

Additional information

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

Contact details: Casey Tyler, Tel +1-302-797-2336, Email casey.tyler@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, Casey Tyler, 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	ORD	NZD	54,197	0.007%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
BlackRock Advisors (UK) Limited	ORD	NZD	5,006,374	0.641%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BLACKROCK ADVISORS LLC	CFD	NZD	141,200	0.018%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK ADVISORS LLC	ORD	NZD	48,897	0.006%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	ORD	NZD	180,597	0.023%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	ORD	NZD	3,415,058	0.437%	subsidiary of BlackRock Inc.	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	ORD	NZD	4,677	0.001%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BLACKROCK FINANCIAL MANAGEMENT, INC.	CFD	NZD	39,191	0.005%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK FINANCIAL MANAGEMENT, INC.	ORD	NZD	60,861	0.008%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	ORD	NZD	13,341,875	1.709%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	CFD	NZD	230,552	0.030%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	ORD	NZD	5,172,731	0.663%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	ORD	NZD	7,045,969	0.903%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000
BlackRock Investment Management (UK) Limited	CFD	NZD	21,331	0.003%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	ORD	NZD	3,685,847	0.472%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom

CONTACT ENERGY LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,747 9,747
18-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	8.09	ORD 49,739 49,739
18-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.07	ORD 9,450 9,450
18-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.07	ORD 861 861
18-Oct-21	BlackRock Investment Management, LLC	on mkt sell	8.07	ORD -798 -798
19-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.03	ORD 102,522 102,522
19-Oct-21	BlackRock Fund Advisors	on mkt buy	8.03	ORD 105,945 105,945
19-Oct-21	BlackRock Fund Advisors	on mkt buy	8.02	ORD 2,402 2,402
19-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.02	ORD 1,914 1,914
19-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 14,688 14,688
20-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,864 9,864
20-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,152 13,152
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	8.08	ORD -2,250 -2,250
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	8.13	ORD -30,235 -30,235
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.13	ORD 1,908 1,908
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.13	ORD 861 861
20-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	8.13	ORD -1,018 -1,018
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 5,984 5,984
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.19	ORD 17,172 17,172
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.19	ORD 3,816 3,816
21-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.19	ORD 125,928 125,928
21-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	8.19	ORD 37,624 37,624
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 29,352 29,352
22-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 13,356 13,356
22-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 3,816 3,816
26-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.23	ORD 9,540 9,540
26-Oct-21	BlackRock Advisors (UK) Limited	on mkt sell	8.14	ORD -1,165 -1,165
26-Oct-21	BlackRock Asset Management Deutschland AG	on mkt buy	8.18	ORD 9,256 9,256
26-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.18	ORD 7,632 7,632
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt sell	8.18	ORD -1,145 -1,145
26-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,540 6,540
27-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,864 9,864
27-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,820 4,820
27-Oct-21	BlackRock Asset Management Deutschland AG	on mkt buy	8.11	ORD 23,140 23,140
27-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 13,356 13,356
27-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 38,160 38,160
28-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,576 6,576
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	8.16	ORD 176,620 176,620
29-Oct-21	BlackRock Investment Management (UK) Limited	on mkt buy	8.16	ORD 34,820 34,820
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	8.16	ORD 12,900 12,900
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	8.16	ORD 8,254 8,254
29-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 19,728 19,728
29-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,864 9,864
29-Oct-21	BlackRock Fund Advisors	in specie	n/a	ORD 16,440 16,440
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt sell	8.18	ORD -7,782 -7,782
29-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.18	ORD 5,718 5,718
29-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	8.18	ORD 7,624 7,624

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
29-Oct-21	BlackRock Investment Management (UK) Limited	on mkt sell	8.18	ORD -17,753	-17,753
01-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 9,864	9,864
01-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,152	13,152
01-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.10	ORD 9,530	9,530
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,152	13,152
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,576	6,576
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 19,728	19,728
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 3,816	3,816
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,410	2,410
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 5,724	5,724
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 11,448	11,448
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 17,172	17,172
02-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 15,264	15,264
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 16,320	16,320
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.10	ORD 3,818	3,818
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.08	ORD 9,545	9,545
03-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.07	ORD 49,634	49,634
04-Nov-21	BlackRock Asset Management Deutschland AG	on mkt buy	8.00	ORD 9,334	9,334
04-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8	ORD 3,818	3,818
05-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,820	4,820
05-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,651	2,651
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,355	2,355
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 11,019	11,019
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.99	ORD 1,722	1,722
09-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.02	ORD 17,199	17,199
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 33,048	33,048
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 3,888	3,888
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,316	7,316
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 10,900	10,900
10-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -35,203	-35,203
12-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,152	13,152
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,425	1,425
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,216	2,216
15-Nov-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 10,617	10,617
16-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD 3,806	3,806
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.86	ORD 9,515	9,515
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.86	ORD 861	861
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.86	ORD 1,722	1,722
17-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,986	7,986
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,428	1,428
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 4,959	4,959
18-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD 9,515	9,515
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,440	-16,440
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.98	ORD 3,806	3,806
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.98	ORD 2,583	2,583
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 17,952	17,952
19-Nov-21	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -3,934	-3,934
22-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 6,540	6,540
22-Nov-21	BlackRock Fund Advisors	on mkt buy	7.9	ORD 17,703	17,703
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	7.98	ORD -71,829	-71,829
23-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,428	1,428
24-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,440	-16,440
24-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -9,864	-9,864
24-Nov-21	BlackRock Asset Management Deutschland AG	on mkt buy	8	ORD 23,185	23,185
24-Nov-21	BlackRock Advisors (UK) Limited	on mkt sell	8	ORD -9,525	-9,525
26-Nov-21	BlackRock Investment Management (UK) Limited	on mkt sell	7.92	ORD -15,372	-15,372
26-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	7.9	ORD -121,561	-121,561

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
26-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	7.90	ORD -4,049	-4,049
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	7.9	ORD 861	861
29-Nov-21	BlackRock Fund Advisors	in specie	n/a	ORD -9,864	-9,864
30-Nov-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.85	ORD 13,923	13,923
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	7.85	ORD -12,415	-12,415
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	7.85	ORD -37,245	-37,245
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	7.85	ORD -2,212	-2,212
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	7.85	ORD -6,640	-6,640
30-Nov-21	BlackRock Fund Advisors	on mkt sell	7.85	ORD -15,695	-15,695
30-Nov-21	BlackRock Fund Advisors	on mkt sell	7.85	ORD -47,079	-47,079
30-Nov-21	BlackRock Fund Advisors	on mkt sell	7.85	ORD -13,490	-13,490
30-Nov-21	BlackRock Fund Advisors	on mkt sell	7.85	ORD -4,495	-4,495
30-Nov-21	BlackRock Fund Advisors	on mkt buy	7.85	ORD 22,059	22,059
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt buy	7.85	ORD 14,289	14,289
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,440	-16,440
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -6,576	-6,576
01-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -13,152	-13,152
02-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 24,192	24,192
02-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -13,152	-13,152
02-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 10,692	10,692
02-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.84	ORD 4,639	4,639
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.84	ORD 861	861
02-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	7.95	CFD -2,788	-2,788
02-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	7.95	CFD 2,788	2,788
02-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -1,056	-1,056
03-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	7.91	ORD 44,659	44,659
03-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -13,152	-13,152
03-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -9,864	-9,864
03-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -39,456	-39,456
03-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.93	ORD 3,814	3,814
03-Dec-21	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 129,571	129,571
03-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,836	1,836
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -9,864	-9,864
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -19,728	-19,728
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -13,152	-13,152
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -2,658	-2,658
06-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	7.87	ORD 142,221	142,221
06-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	7.86	ORD 310,550	310,550
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	7.87	ORD -35,546	-35,546
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.87	ORD 3,814	3,814
06-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.87	ORD -9,535	-9,535
06-Dec-21	APERIO GROUP LLC	in specie	n/a	ORD -58,077	-58,077
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -9,864	-9,864
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,434	1,434
07-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 24,192	24,192
07-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	7.86	ORD 64,574	64,574

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07-Dec-21	BlackRock Asset Management Canada Limited	on mkt buy	7.86	ORD 60,606	60,606
07-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.86	ORD 4,641	4,641
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.86	ORD -1,907	-1,907
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.86	ORD 1,722	1,722
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.85	ORD -1,519	-1,519
08-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.85	ORD 9,282	9,282
08-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.85	ORD 2,171	2,171
09-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,762	1,762
09-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.81	ORD 11,454	11,454
09-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.81	ORD 3,818	3,818
10-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 17,181	17,181
10-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 13,363	13,363
10-Dec-21	APERIO GROUP LLC	in specie	n/a	ORD 58,077	58,077
13-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 5,727	5,727
13-Dec-21	BlackRock Fund Advisors	on mkt sell	7.72	ORD -17,743	-17,743
13-Dec-21	BlackRock Fund Advisors	on mkt sell	7.72	ORD -25,775	-25,775
14-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -19,632	-19,632
14-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -22,904	-22,904
14-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	7.79	ORD -7,610	-7,610
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.76	ORD -51,597	-51,597
14-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.79	ORD 13,377	13,377
15-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -13,088	-13,088
15-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -22,904	-22,904
15-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.81	ORD -68,652	-68,652
16-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	7.72	ORD -1,623	-1,623
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.81	ORD -7,740	-7,740
16-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.70	ORD -69,660	-69,660
17-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -26,176	-26,176
17-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -6,544	-6,544
17-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -22,904	-22,904
17-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.73	ORD 36,746	36,746
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.73	ORD 29,040	29,040
17-Dec-21	BlackRock Investment Management (UK) Limited	on mkt buy	7.73	ORD 3,615	3,615
17-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.73	ORD -28,355	-28,355
20-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 13,088	13,088
20-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,887	7,887
21-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	7.78	ORD -15,253	-15,253
21-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.90	ORD 4,653	4,653
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD 19,370	19,370
21-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.90	ORD -3,874	-3,874
21-Dec-21	BlackRock Fund Advisors	on mkt buy	7.90	ORD 2,236	2,236
22-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -6,544	-6,544
22-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy	7.86	ORD 9,306	9,306
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 2,275	2,275
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 7,104	7,104
23-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 11,950	11,950
23-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell	7.86	ORD -1,935	-1,935
23-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	7.86	ORD 1,722	1,722
27-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,360	-16,360
28-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -9,816	-9,816
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,360	-16,360
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD -16,360	-16,360
29-Dec-21	BlackRock Fund Advisors	in specie	n/a	ORD 1,098	1,098

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
29-Dec-21	BlackRock Asset Management Deutschland AG	on mkt buy 7.92	ORD 9,310	9,310
29-Dec-21	BlackRock Fund Advisors	on mkt buy 7.92	ORD 1,444	1,444
29-Dec-21	APERIO GROUP LLC	in specie n/a	ORD -34,571	-34,571
30-Dec-21	BlackRock Fund Advisors	in specie n/a	ORD 2,651	2,651
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy 7.99	ORD 14,046	14,046
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy 7.99	ORD 7,740	7,740
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy 7.99	ORD 5,805	5,805
30-Dec-21	BlackRock Advisors (UK) Limited	on mkt sell 7.99	ORD -27,090	-27,090
30-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy 7.99	ORD 11,382	11,382
03-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,884	1,884
03-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -49,080	-49,080
04-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,359	1,359
04-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,812	1,812
05-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy 8.10	ORD 13,971	13,971
05-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -3,272	-3,272
05-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 4,887	4,887
05-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy 7.96	ORD 9,314	9,314
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 7.96	ORD 3,866	3,866
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 7.96	ORD 2,180	2,180
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 7.96	ORD 2,180	2,180
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 7.96	ORD 1,722	1,722
06-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -13,088	-13,088
06-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -9,816	-9,816
06-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -3,272	-3,272
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 8.00	ORD -57,990	-57,990
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 8.00	ORD 861	861
07-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 2,559	2,559
07-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -9,816	-9,816
07-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 8.13	ORD -9,650	-9,650
07-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 8.13	ORD -57,900	-57,900
10-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -6,544	-6,544
10-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 8.08	ORD -57,900	-57,900
11-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -26,176	-26,176
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 7.89	ORD -48,225	-48,225
11-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 7.85	ORD -5,787	-5,787
11-Jan-22	APERIO GROUP LLC	in specie n/a	ORD -123,654	-123,654
12-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy 7.80	ORD 13,971	13,971
13-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,398	1,398
13-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy 7.90	ORD 9,318	9,318
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 7.90	ORD 1,722	1,722
14-Jan-22	BlackRock Asset Management Deutschland AG	on mkt sell 8.00	ORD -37,413	-37,413
14-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -23,899	-23,899
14-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 464	464
18-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -13,088	-13,088
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy 8.06	ORD 861	861
18-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 16,290	16,290
19-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell 7.88	ORD -68,425	-68,425
19-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -22,904	-22,904
19-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD -16,360	-16,360
19-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 7.88	ORD -28,950	-28,950
19-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 7.86	ORD -7,720	-7,720
19-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell 7.86	ORD -11,580	-11,580
20-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,410	1,410
20-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,410	1,410
20-Jan-22	BlackRock Fund Advisors	in specie n/a	ORD 1,410	1,410

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
20-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.82	ORD 4,613	4,613
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,820	2,820
21-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,088	-6,088
21-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -3,044	-3,044
21-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -15,220	-15,220
21-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,088	-6,088
21-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.75	ORD 4,613	4,613
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	7.75	ORD -461,185	-461,185
21-Jan-22	BlackRock Fund Advisors	on mkt sell	7.75	ORD -456,819	-456,819
21-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	7.75	ORD -135,708	-135,708
21-Jan-22	BlackRock Fund Advisors	on mkt sell	7.75	ORD -134,424	-134,424
24-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,132	-9,132
24-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -3,044	-3,044
24-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,088	-6,088
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -15,220	-15,220
25-Jan-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.85	ORD 9,230	9,230
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	7.85	ORD -7,168	-7,168
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	7.85	ORD -17,920	-17,920
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 16,290	16,290
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	7.78	ORD -10,644	-10,644
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	7.78	ORD 1,722	1,722
26-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.78	ORD 1,910	1,910
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 7,965	7,965
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD -12,176	-12,176
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 21,840	21,840
31-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	7.83	ORD -7,076	-7,076
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.83	ORD 7,430	7,430
31-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,325	3,325
01-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.85	ORD 9,232	9,232
02-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.06	ORD 9,236	9,236
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 3,586	3,586
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 7,172	7,172
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 2,583	2,583
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 861	861
02-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,740	10,740
02-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,340	2,340
03-Feb-22	BLACKROCK ADVISORS LLC	on mkt buy	8.05	ORD 710	710
03-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -18,264	-18,264
03-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.10	ORD 9,232	9,232
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.10	ORD 861	861
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.07	ORD -4,900	-4,900
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -3,044	-3,044
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -15,220	-15,220
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -12,176	-12,176
04-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.06	ORD -17,530	-17,530
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,620	10,620
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 23,899	23,899
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,576	2,576
08-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.09	ORD 4,628	4,628
08-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.09	ORD 9,256	9,256
08-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.09	ORD -7,008	-7,008
08-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.07	ORD -17,510	-17,510
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,317	10,317

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 Asset Management Deutschland AG	on mkt buy	8.24	ORD 9,256	9,256
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.24	ORD 861	861
10-Feb-22	BLACKROCK ADVISORS LLC	on mkt buy	8.25	CFD 2,031	2,031
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.20	ORD -5,259	-5,259
11-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -3,044	-3,044
11-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.05	ORD 87,742	87,742
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.06	ORD -12,271	-12,271
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 861	861
14-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,088	-6,088
15-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.10	ORD -7,012	-7,012
16-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.10	ORD 2,984	2,984
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.10	ORD -2,186	-2,186
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.10	ORD 1,722	1,722
17-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,884	1,884
17-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,884	1,884
18-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -27,396	-27,396
18-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,132	-9,132
18-Feb-22	BlackRock Fund Advisors	on mkt sell	8.13	ORD -1,194	-1,194
18-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.13	ORD 9,236	9,236
18-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.13	ORD -7,008	-7,008
18-Feb-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -4,705	-4,705
21-Feb-22	BlackRock Fund Advisors	on mkt buy	8.16	ORD 18,309	18,309
22-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,132	-9,132
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -30,440	-30,440
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -21,308	-21,308
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,132	-9,132
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD -21,308	-21,308
23-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.25	ORD 22,763	22,763
23-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.25	ORD -14,008	-14,008
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.00	ORD -10,506	-10,506
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	8.00	ORD -8,755	-8,755
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD 2,583	2,583
24-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.00	ORD -5,673	-5,673
25-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.07	CFD 421	421
25-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.07	CFD 992	992
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 18,312	18,312
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,680	10,680
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.04	ORD 861	861
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 12,208	12,208
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,392	1,392
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.07	CFD 6,092	6,092
28-Feb-22	BLACKROCK ADVISORS LLC	on mkt buy	8.07	CFD 1,931	1,931
28-Feb-22	BlackRock Fund Advisors	on mkt sell	8.12	ORD -38,252	-38,252
28-Feb-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.12	ORD 4,626	4,626
28-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	8.12	ORD 8,770	8,770
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.12	ORD -26,003	-26,003
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.12	ORD -14,682	-14,682
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.12	ORD 6,398	6,398
28-Feb-22	BlackRock Fund Advisors	on mkt buy	8.12	ORD 18,309	18,309
28-Feb-22	BlackRock Fund Advisors	on mkt sell	8.12	ORD -33,843	-33,843
28-Feb-22	BlackRock Fund Advisors	on mkt buy	8.12	ORD 15,534	15,534
01-Mar-22	BlackRock Fund Advisors	on mkt sell	8.19	ORD -1,188	-1,188

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
01-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.30	CFD	1,092	1,092
01-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.30	CFD	10,766	10,766
01-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.30	CFD	847	847
01-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.31	CFD	14,021	14,021
01-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-7,172	-7,172
01-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.35	ORD	9,252	9,252
01-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.29	ORD	35,040	35,040
02-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.33	CFD	1,628	1,628
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.33	CFD	14,040	14,040
02-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.33	CFD	1,206	1,206
02-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.31	CFD	20,918	20,918
02-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	18,312	18,312
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.25	ORD	8,760	8,760
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.34	ORD	17,520	17,520
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.25	ORD	7,008	7,008
02-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.25	ORD	96,360	96,360
03-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.27	CFD	1,085	1,085
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.27	CFD	5,000	5,000
03-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.25	CFD	719	719
03-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.26	CFD	12,123	12,123
03-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.27	ORD	19,294	19,294
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.16	CFD	4,216	4,216
04-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.18	CFD	683	683
04-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.18	CFD	1,945	1,945
04-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.16	CFD	10,094	10,094
04-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.15	ORD	-3,971	-3,971
04-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	30,520	30,520
04-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.12	ORD	4,628	4,628
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	15,260	15,260
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	30,520	30,520
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.16	ORD	12,285	12,285
07-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.12	CFD	1,123	1,123
07-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.12	CFD	1,356	1,356
07-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.11	CFD	8,824	8,824
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.10	CFD	3,870	3,870
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD	1,716	1,716
07-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD	73,710	73,710
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.12	ORD	7,012	7,012
08-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.05	CFD	1,473	1,473
08-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.05	CFD	1,839	1,839
08-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.03	CFD	10,143	10,143
08-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.03	CFD	19,439	19,439
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,052	3,052

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08-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,156	9,156
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,156	9,156
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	24,416	24,416
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD	35,060	35,060
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD	7,012	7,012
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD	14,024	14,024
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD	10,518	10,518
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD	8,765	8,765
08-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	7.94	ORD	-42,730	-42,730
09-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.04	ORD	8,765	8,765
09-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.15	CFD	707	707
09-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.13	ORD	365	365
09-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.14	CFD	18,131	18,131
09-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.14	CFD	1,432	1,432
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.14	CFD	8,790	8,790
09-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	15,260	15,260
09-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	39,676	39,676
09-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	27,468	27,468
09-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	36,624	36,624
09-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,052	3,052
09-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	ORD	3,506	3,506
09-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	ORD	42,072	42,072
09-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	ORD	22,789	22,789
09-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	ORD	8,765	8,765
09-Mar-22	BlackRock Asset Management Canada Limited	on mkt sell	8.09	ORD	-50,005	-50,005
09-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.13	ORD	56,096	56,096
10-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.04	ORD	35,060	35,060
10-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.99	CFD	598	598
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.00	CFD	3,835	3,835
10-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.00	CFD	436	436
10-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	8.00	CFD	8,560	8,560
10-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	12,208	12,208
10-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.01	ORD	14,024	14,024
10-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.01	ORD	8,765	8,765
10-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.01	ORD	108,686	108,686
11-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.96	ORD	789	789
11-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.96	CFD	1,860	1,860
11-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	30,520	30,520
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.99	ORD	24,570	24,570
11-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	7.93	ORD	-41,400	-41,400
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.93	ORD	5,265	5,265
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.93	ORD	8,775	8,775
11-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.97	ORD	17,550	17,550
14-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.83	CFD	455	455
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.84	CFD	1,078	1,078
14-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.84	CFD	7,243	7,243
14-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.83	ORD	22,789	22,789
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	19,075	19,075
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	ORD	1,753	1,753
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-2,637	-2,637
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.79	ORD	17,530	17,530
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	7.79	ORD	-3,444	-3,444

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
16-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.86	ORD 501	501
16-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.85	CFD 378	378
16-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.86	CFD 7,257	7,257
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.87	CFD 868	868
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 15,260	15,260
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -17,930	-17,930
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.84	ORD 38,566	38,566
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.97	ORD 10,518	10,518
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.97	ORD 17,530	17,530
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.97	ORD 63,108	63,108
16-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.97	ORD 19,283	19,283
17-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.80	CFD 2,197	2,197
17-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.80	CFD 5,996	5,996
17-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 12,208	12,208
17-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 15,260	15,260
17-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.77	ORD 4,602	4,602
17-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.77	ORD 3,506	3,506
18-Mar-22	BlackRock Asset Management Deutschland AG	on mkt sell	7.80	ORD -2,404,956	-2,404,956
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	7.80	ORD -3,379	-3,379
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.80	ORD 1,753	1,753
18-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	7.80	ORD -25,077	-25,077
18-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.80	ORD -40,819	-40,819
18-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.80	ORD -247	-247
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.80	ORD -7,546	-7,546
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.80	ORD -6,122	-6,122
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.80	ORD -7,024	-7,024
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	7.80	ORD 9,920	9,920
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.80	ORD 103,939	103,939
21-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 30,520	30,520
21-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -872	-872
21-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.84	CFD 2,772	2,772
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.85	ORD 49,004	49,004
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.87	ORD 5,391	5,391
21-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.87	ORD 8,985	8,985
22-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD 7,180	7,180
22-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.00	ORD 97,828	97,828
22-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.00	ORD 215,070	215,070
22-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,005	2,005
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -14,368	-14,368
23-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.98	ORD 2,568	2,568
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.96	ORD 200,000	200,000
23-Mar-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.94	ORD 2,672	2,672
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 5,385	5,385
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 5,385	5,385
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 17,950	17,950
23-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 16,155	16,155

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.97	ORD 326,254	326,254
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,892	2,892
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 12,208	12,208
24-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 1,754	1,754
24-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	ORD 10,524	10,524
24-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.99	ORD 47,304	47,304
25-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.94	ORD 178,839	178,839
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.95	ORD 5,256	5,256
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	7.95	ORD -2,182	-2,182
28-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.87	ORD -13,374	-13,374
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD 3,508	3,508
28-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD 15,786	15,786
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,269	3,269
29-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.89	ORD -29,580	-29,580
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -10,779	-10,779
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -35,930	-35,930
30-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	7.97	ORD 2,183	2,183
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.08	ORD 60,599	60,599
30-Mar-22	BlackRock Fund Advisors	on mkt buy	8.08	ORD 9,154	9,154
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.08	ORD 35,080	35,080
30-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.08	ORD 5,262	5,262
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -46,709	-46,709
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -3,052	-3,052
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 30,520	30,520
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -7,204	-7,204
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -7,204	-7,204
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,724	1,724
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.15	ORD 48,342	48,342
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.15	ORD 1,754	1,754
31-Mar-22	BlackRock Advisors (UK) Limited	on mkt buy	8.15	ORD 5,262	5,262
01-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 18,312	18,312
01-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,764	1,764
01-Apr-22	BlackRock Fund Advisors	on mkt buy	8.05	ORD 1,175	1,175
01-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.05	ORD 5,396	5,396
01-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD 5,262	5,262
01-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD 5,262	5,262
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.05	ORD 5,260	5,260
04-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.96	ORD -7,510	-7,510
04-Apr-22	BlackRock Fund Advisors	on mkt sell	7.99	ORD -10,033	-10,033
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.99	ORD 3,508	3,508
04-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.99	ORD 7,016	7,016
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 15,260	15,260
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -18,025	-18,025
05-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.99	ORD 15,723	15,723
05-Apr-22	BlackRock Fund Advisors	on mkt buy	8.00	ORD 1,351	1,351
05-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.00	ORD 5,396	5,396
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD 5,262	5,262
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD 33,326	33,326
05-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD 12,278	12,278
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,192	5,192
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -46,865	-46,865
06-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -3,052	-3,052

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
06-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	7.90	ORD	1,582	1,582
06-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.88	ORD	2,698	2,698
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD	8,770	8,770
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	ORD	5,262	5,262
06-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	ORD	57,882	57,882
07-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,104	6,104
07-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	7.91	ORD	13,490	13,490
07-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	ORD	9,000	9,000
07-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.91	ORD	1,717	1,717
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	7,462	7,462
08-Apr-22	BlackRock Fund Advisors	on mkt sell	7.87	ORD	-2,950	-2,950
08-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	7.85	ORD	9,679	9,679
08-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	7.85	ORD	26,547	26,547
08-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.86	ORD	12,600	12,600
08-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.85	ORD	36,000	36,000
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.85	ORD	-87,533	-87,533
11-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.00	ORD	-98,514	-98,514
11-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.00	ORD	2,700	2,700
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD	1,800	1,800
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD	7,200	7,200
11-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD	5,154	5,154
11-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-4,101	-4,101
12-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.88	CFD	1,020	1,020
12-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	ORD	18,000	18,000
12-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD	5,400	5,400
13-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	30,520	30,520
13-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	7.92	ORD	4,762	4,762
13-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.92	CFD	525	525
13-Apr-22	BlackRock Fund Advisors	on mkt buy	8.01	ORD	3,837	3,837
13-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.01	ORD	2,700	2,700
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.01	ORD	5,397	5,397
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.01	ORD	7,196	7,196
13-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.91	ORD	26,985	26,985
14-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,688	1,688
14-Apr-22	BlackRock Fund Advisors	on mkt buy	7.91	ORD	1,181	1,181
14-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.87	CFD	363	363
14-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.88	ORD	-141,359	-141,359
14-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD	10,794	10,794
14-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	ORD	21,588	21,588
18-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD	34,571	34,571
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,104	-6,104
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.00	ORD	861	861
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	-28,720	-28,720
20-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,104	6,104
20-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD	7,200	7,200
20-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.05	ORD	36,000	36,000
20-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.01	ORD	37,800	37,800
21-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,104	-6,104
21-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.15	ORD	2,679	2,679
21-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	ORD	18,000	18,000
21-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.15	ORD	1,800	1,800
21-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.15	ORD	5,157	5,157

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.15	ORD 42,977	42,977
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.15	ORD -6,453	-6,453
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.15	ORD -39,653	-39,653
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.15	ORD -24,667	-24,667
22-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -5,588	-5,588
22-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -5,588	-5,588
22-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.11	ORD 2,677	2,677
22-Apr-22	BlackRock Asset Management Deutschland AG	on mkt buy	8.11	ORD 5,354	5,354
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 843	843
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	8.11	ORD 4,215	4,215
22-Apr-22	BlackRock Advisors (UK) Limited	on mkt sell	8.11	ORD -4,876,560	-4,876,560
22-Apr-22	BlackRock Fund Advisors	on mkt sell	8.11	ORD -4,413,851	-4,413,851
22-Apr-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -2,803	-2,803
22-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -3,384	-3,384
22-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 3,384	3,384
22-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD -54,197	-54,197
22-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD 54,197	54,197

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Global Long Horizon BarCap		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Global Long Horizon MS		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF - BlackRock Systematic Global Long/Short Equity Fund - MS		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	CPPIB MAP CAYMAN SPC - BNP		BNP PARIBAS
BLACKROCK INSTITUTIONAL TRUST CO NA	CPPIB MAP Cayman SPC - JPM		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - BNP		BNP PARIBAS
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - DB		DEUTSCHE BANK AG
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - JPM		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - ML		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - MS		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - BNP		BNP PARIBAS
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - UBS		UBS AG
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BlackRock Systematic ESG Equity Absolute Return Fund - MS		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BlackRock Systematic ESG Equity Absolute Return Fund - UBS		UBS AG