

Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange
and

To: Fletcher Building Limited

Date this disclosure made: 22 November 2019

Date on which substantial holding began: 20 November 2019

Substantial product holder(s) giving disclosure

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

Summary of substantial holding

Class of quoted voting products: Ordinary Shares

Summary for: Product holders listed in Appendix A

For this disclosure,—

- (a) total number held in class: 41,895,262 Ord
- (b) total in class: 835,117,266
- (c) total percentage held in class: 5.017%

Details of relevant interests

Details for: Product holders listed in Appendix A

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

For that relevant interest,—

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

Details of transactions and events giving rise to substantial holding

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

Additional information

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

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bradley.taylor@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, Bradley Taylor, 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	%		
BlackRock (Netherlands) B.V.	ORD	NZD	158,875	0.019%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	ORD	NZD	36,683	0.004%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	ORD	NZD	4,116,188	0.493%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	ORD	NZD	439,712	0.053%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	ORD	NZD	649,319	0.078%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	ORD	NZD	19,622	0.002%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Champion Tower & 17/F ICBC Tower, Three Garden Road, Central, Hong Kong
BLACKROCK FINANCIAL MANAGEMENT, INC.	ORD	NZD	328,155	0.039%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	ORD	NZD	13,110,346	1.570%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	ORD	NZD	13,370,916	1.601%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	ORD	NZD	344,282	0.041%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland,
BlackRock Investment Management (Australia) Limited	ORD	AUD	2,367,451	0.283%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (Australia) Limited	ORD	NZD	333,572	0.040%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	ORD	NZD	5,183,674	0.621%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	ORD	AUD	99,368	0.012%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Investment Management, LLC	ORD	NZD	868,392	0.104%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	ORD	NZD	468,707	0.056%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

Fletcher Building Limited						
Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	1,911	1,911
23-Jul-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.87	ORD	-12,374	-12,374
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD	265	265
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD	500	500
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-9,941	-9,941
24-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.94	ORD	3,326	3,326
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD	2,079	2,079
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89	ORD	2,758	2,758
24-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD	-4,968	-4,968
25-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD	1,902	1,902
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD	-1,141	-1,141
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,942	3,942
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD	68,448	68,448
26-Jul-19	BlackRock Fund Advisors	on mkt buy	4.97	ORD	30,514	30,514
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	4,368	4,368
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00	ORD	-46,985	-46,985
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,091	2,091
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	816	816
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,176	2,176
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	2,935	2,935
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	445	445
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	554	554
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	426	426
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-172	-172
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-31	-31
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-30	-30
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	2,059	2,059
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	3,149	3,149
31-Jul-19	BlackRock Fund Advisors	on mkt buy	4.96	ORD	41,748	41,748

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
31-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD -7,452 -7,452
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD -2,654 -2,654
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -4,500 -4,500
01-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 34,224 34,224
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -91,098 -91,098
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 57,205 57,205
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 2,461 2,461
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD 3,866 3,866
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.71	ORD -10,124 -10,124
06-Aug-19	BlackRock Advisors, LLC	on mkt sell	4.71	ORD -17,702 -17,702
06-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	ORD -3,536 -3,536
06-Aug-19	BlackRock Advisors, LLC	on mkt sell	4.71	ORD -5,163 -5,163
06-Aug-19	BlackRock International Limited	on mkt sell	4.71	ORD -1,715 -1,715
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.71	ORD -6,679 -6,679
06-Aug-19	BlackRock Investment Management, LLC	on mkt sell	4.71	ORD -1,822 -1,822
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 2,064 2,064
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -2,484 -2,484
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -639 -639
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -3,036 -3,036
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -1,140 -1,140
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	ORD 2,758 2,758
07-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.72	ORD -650 -650
07-Aug-19	BlackRock Advisors, LLC	on mkt sell	4.72	ORD -1,136 -1,136
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -227 -227
07-Aug-19	BlackRock Advisors, LLC	on mkt sell	4.72	ORD -331 -331
07-Aug-19	BlackRock International Limited	on mkt sell	4.72	ORD -110 -110
07-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.72	ORD -429 -429
07-Aug-19	BlackRock Investment Management, LLC	on mkt sell	4.72	ORD -117 -117
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 4,310 4,310
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -138 -138
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -33 -33
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -34 -34

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 Advisors (UK) Limited	on mkt sell	4.74 ORD -1,112	-1,112
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.74 ORD -1,917	-1,917
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74 ORD 501	501
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.74 ORD -639	-639
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74 ORD 128	128
07-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	4.74 ORD 46,543	46,543
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -2,446	-2,446
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -2,446	-2,446
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -461	-461
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.73 ORD -482	-482
08-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73 ORD 4,971	4,971
08-Aug-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -118,252	-118,252
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.72 ORD 9,489	9,489
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73 ORD 3,152	3,152
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73 ORD 24,801	24,801
09-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 754	754
12-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -13,524	-13,524
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 2,072	2,072
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -2,436	-2,436
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 628	628
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 6,216	6,216
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.69 ORD -2,927	-2,927
13-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -4,968	-4,968
13-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 377	377
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63 ORD -1,148	-1,148
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65 ORD 8,087	8,087
14-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -34,224	-34,224
14-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD -6,762	-6,762
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -1,200	-1,200
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56 ORD 1,284	1,284
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.56 ORD -1,200	-1,200
15-Aug-19	BlackRock Fund Advisors	in specie	n/a ORD 4,330	4,330

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -9,936 -9,936
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,241 2,241
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD 15,352 15,352
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	ORD 3,152 3,152
20-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -34,224 -34,224
20-Aug-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -11,325 -11,325
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 2,125 2,125
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72	ORD 1,182 1,182
21-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,968 -4,968
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -1,155 -1,155
22-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.64	ORD -10,113 -10,113
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	ORD 1,970 1,970
23-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -17,325 -17,325
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -7,275 -7,275
27-Aug-19	BlackRock Fund Advisors	on mkt buy	4.44	ORD 440,092 440,092
27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -5,167 -5,167
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.44	ORD -1,530 -1,530
27-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -80,506 -80,506
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.32	ORD -356 -356
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -28,752 -28,752
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -9,584 -9,584
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.32	ORD -2,428 -2,428
29-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD -281,771 -281,771
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.44	ORD 424 424
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	ORD 1,867 1,867
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,945 4,945
02-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 96,339 96,339
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.52	ORD -16,648 -16,648
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 357 357
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 1,917 1,917
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 639 639
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52	ORD 848 848

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.52 ORD 511	511
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52 ORD 2,364	2,364
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.60 ORD -8,332	-8,332
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 294	294
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 129	129
04-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -40,253	-40,253
05-Sep-19	BlackRock Fund Advisors	on mkt sell	4.63 ORD -2,900	-2,900
05-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 4,300	4,300
05-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 2,580	2,580
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69 ORD 4,728	4,728
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 1,128	1,128
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 127	127
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 1,282	1,282
06-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 3,440	3,440
06-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -9,936	-9,936
09-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.74 ORD -11,948	-11,948
09-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81 ORD -4,670	-4,670
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD -124,406	-124,406
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.97 ORD 843	843
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.97 ORD 1,686	1,686
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99 ORD 3,152	3,152
10-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 3,870	3,870
10-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -4,972	-4,972
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	4.98 ORD -12,615	-12,615
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	4.98 ORD -1,688	-1,688
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.00 ORD 1,124	1,124
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00 ORD 702	702
11-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD 1,505	1,505
11-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -9,580	-9,580
11-Sep-19	BlackRock Fund Advisors	in specie	n/a ORD -40,207	-40,207
11-Sep-19	BlackRock (Netherlands) B.V.	in specie	n/a ORD -12,656	-12,656
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.10 ORD 1,400	1,400

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	5.10	ORD 844	844
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -23,550	-23,550
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 465	465
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 4,215	4,215
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,505	1,505
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,124	1,124
16-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	5.14	ORD -890	-890
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,088	4,088
17-Sep-19	BlackRock Fund Advisors	on mkt buy	5.14	ORD 3,555	3,555
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 1,128	1,128
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 3,153	3,153
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 1,128	1,128
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 1,395	1,395
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 844	844
18-Sep-19	BlackRock Investment Management, LLC	on mkt sell	5.05	ORD -8,868	-8,868
19-Sep-19	BlackRock Fund Advisors	on mkt buy	5.04	ORD 3,369	3,369
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 1,120	1,120
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 3,141	3,141
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 640	640
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 15,885	15,885
20-Sep-19	BlackRock Fund Advisors	on mkt buy	5.01	ORD 2,502	2,502
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -1,356	-1,356
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -12,588	-12,588
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 1,953	1,953
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD 3,903	3,903
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.04	ORD 2,758	2,758
20-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -1,687	-1,687
20-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -6,762	-6,762
23-Sep-19	BlackRock Fund Advisors	on mkt buy	5.09	ORD 3,862	3,862
23-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD 1,288	1,288
24-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 2,248	2,248
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -4,501	-4,501

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
24-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.10	ORD -20,304 -20,304
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,056 2,056
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	5.06	ORD 21,157 21,157
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD -680 -680
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	5.10	ORD 28,071 28,071
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD 3,546 3,546
26-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 22,223 22,223
26-Sep-19	BlackRock Investment Management, LLC	on mkt sell	5.09	ORD -11,373 -11,373
27-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 40,508 40,508
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 6,705 6,705
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD 754 754
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	5.15	ORD 5,478 5,478
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 2,092 2,092
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -37,328 -37,328
30-Sep-19	BlackRock Fund Advisors	on mkt buy	5.15	ORD 31,165 31,165
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD 3,940 3,940
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD -13,890 -13,890
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 3,393 3,393
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.24	ORD 394 394
01-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -24,678 -24,678
02-Oct-19	BlackRock Fund Advisors	on mkt buy	5.07	ORD 3,285 3,285
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 1,405 1,405
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 1,405 1,405
03-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,126 1,126
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 2,001 2,001
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -2,592 -2,592
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD 3,476 3,476
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD -692 -692
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 11,032 11,032
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 40,474 40,474
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -2,988 -2,988
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.81	ORD -4,846 -4,846

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 1,124 1,124
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 125 125
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,654 5,654
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -6,730 -6,730
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 37,222 37,222
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 69,805 69,805
08-Oct-19	BlackRock Fund Advisors	on mkt buy	4.81	ORD 5,557 5,557
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 127,166 127,166
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 9,269 9,269
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.85	ORD -590 -590
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 2,511 2,511
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	ORD 9,062 9,062
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 29 29
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 27 27
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -23,795 -23,795
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD 1,482 1,482
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 3,408 3,408
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 4,018 4,018
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -7,239 -7,239
11-Oct-19	BlackRock Japan Co., Ltd.	on mkt sell	4.72	ORD -21,905 -21,905
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 1,128 1,128
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -636 -636
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -440 -440
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,508 1,508
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,180 5,180
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,180 5,180
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,360 10,360
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,760 21,760
14-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	ORD 2,256 2,256
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,128 1,128
15-Oct-19	BlackRock Fund Advisors	on mkt buy	4.73	ORD 2,774 2,774
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60	ORD 461 461

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.60	ORD -1,158	-1,158
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD 754	754
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	ORD 54,466	54,466
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD 170	170
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 3,954	3,954
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 2,800	2,800
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 1,050	1,050
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 1,400	1,400
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 1,179	1,179
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	ORD -2,533	-2,533
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 308	308
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	ORD 524	524
18-Oct-19	BlackRock Fund Advisors	on mkt buy	4.80	ORD 2,846	2,846
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 810	810
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 1,080	1,080
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 5,670	5,670
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 7,710	7,710
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	ORD 1,774	1,774
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 1,965	1,965
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD -6,945	-6,945
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72	ORD -4,503	-4,503
21-Oct-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 4,310	4,310
22-Oct-19	BlackRock Fund Advisors	on mkt buy	4.76	ORD 2,770	2,770
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -170	-170
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.70	ORD -20	-20
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 655	655
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 211	211
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 633	633
24-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	ORD 42,676	42,676
24-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.66	ORD -1,314	-1,314
24-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.68	ORD -5,941	-5,941
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -24,594	-24,594

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25-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60 ORD 3,946	3,946
28-Oct-19	BlackRock Fund Advisors	in specie	n/a ORD 1,136	1,136
29-Oct-19	BlackRock Fund Advisors	in specie	n/a ORD 569	569
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58 ORD 2,358	2,358
30-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56 ORD 81,031	81,031
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ORD -22	-22
30-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55 ORD 3,409	3,409
31-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 3,412	3,412
31-Oct-19	BlackRock Fund Advisors	in specie	n/a ORD 3,420	3,420
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 2,529	2,529
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.58 ORD 1,128	1,128
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58 ORD 4,452	4,452
01-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 1,722	1,722
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.58 ORD 6,000	6,000
01-Nov-19	BlackRock Advisors, LLC	on mkt buy	4.58 ORD 9,703	9,703
01-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.58 ORD 1,925	1,925
01-Nov-19	BlackRock Advisors, LLC	on mkt buy	4.58 ORD 2,540	2,540
01-Nov-19	BlackRock International Limited	on mkt buy	4.58 ORD 1,175	1,175
01-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.58 ORD 3,731	3,731
01-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.58 ORD 1,162	1,162
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.58 ORD -2,396	-2,396
01-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 3,325	3,325
01-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 9,936	9,936
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71 ORD 2,358	2,358
04-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 4,968	4,968
04-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 754	754
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 5,955	5,955
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 1,897	1,897
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 542	542
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 125	125
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 130	130
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85 ORD 375	375

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	ORD 1,056 1,056
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 3,144 3,144
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 754 754
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD -40,696 -40,696
06-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -6,951 -6,951
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	ORD 101,713 101,713
06-Nov-19	BlackRock Investment Management, LLC	on mkt sell	4.80	ORD -11,549 -11,549
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.80	ORD -13,975 -13,975
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.80	ORD -12,145 -12,145
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -209 -209
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -44 -44
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -41 -41
06-Nov-19	BlackRock Japan Co., Ltd.	on mkt sell	4.81	ORD -148,437 -148,437
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 1,395 1,395
06-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,452 7,452
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 11,286 11,286
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,625 16,625
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 40,112 40,112
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD 1,208 1,208
07-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.84	ORD 8,681 8,681
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.84	ORD -3,409 -3,409
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,296 5,296
08-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	5.08	ORD -3,289 -3,289
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 11,886 11,886
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 1,911 1,911
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 218 218
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 162,784 162,784
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 13,240 13,240
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 81,392 81,392
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -15,155 -15,155
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -27,243 -27,243
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 22,506 22,506

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15 ORD 4,108	4,108
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	5.15 ORD -1,432	-1,432
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15 ORD 1,897	1,897
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15 ORD 1,897	1,897
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.15 ORD 3,409	3,409
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.14 ORD 786	786
11-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 754	754
12-Nov-19	BlackRock Fund Advisors	on mkt buy	5.11 ORD 44,436	44,436
12-Nov-19	BlackRock Fund Advisors	on mkt sell	5.13 ORD -15,928	-15,928
12-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 23,832	23,832
12-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	5.13 ORD -1,796	-1,796
12-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13 ORD -7,242	-7,242
12-Nov-19	BlackRock Investment Management, LLC	on mkt sell	5.13 ORD -4,938	-4,938
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.16 ORD 653	653
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17 ORD -1,712	-1,712
13-Nov-19	BlackRock Fund Advisors	on mkt buy	5.17 ORD 20,818	20,818
13-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 10,065	10,065
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15 ORD 39,031	39,031
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17 ORD 78,439	78,439
14-Nov-19	BlackRock Fund Advisors	on mkt buy	5.24 ORD 20,818	20,818
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	5.24 ORD -4,759	-4,759
14-Nov-19	BlackRock Investment Management, LLC	on mkt sell	5.24 ORD -949	-949
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 2,030	2,030
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 219	219
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27 ORD 2,358	2,358
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 2,418	2,418
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 40,696	40,696
14-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD -6,945	-6,945
14-Nov-19	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -3,265	-3,265
15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.29 ORD 3,144	3,144
15-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD 834	834
18-Nov-19	BlackRock Fund Advisors	in specie	n/a ORD 6,770	6,770

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18-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 11,476 11,476
18-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -11,476 -11,476
18-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.29	ORD -6,000 -6,000
18-Nov-19	BlackRock Advisors, LLC	on mkt sell	5.29	ORD -9,703 -9,703
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	5.29	ORD -1,925 -1,925
18-Nov-19	BlackRock Advisors, LLC	on mkt sell	5.29	ORD -2,540 -2,540
18-Nov-19	BlackRock International Limited	on mkt sell	5.29	ORD -1,175 -1,175
18-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.29	ORD -3,731 -3,731
18-Nov-19	BlackRock Investment Management, LLC	on mkt sell	5.29	ORD -1,162 -1,162
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.28	ORD 3,144 3,144
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 2,493 2,493
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 1,385 1,385
19-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 21,184 21,184
20-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 244,367 244,367
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18	ORD 42,071 42,071
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	5.20	ORD 7,018 7,018
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18	ORD 3,144 3,144
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,494 1,494