

Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange
and
To: AUCKLAND INTERNATIONAL AIRPORT LTD

Date this disclosure made: 04 April 2019

Date on which substantial holding began: 02 April 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: 60,465,815 Ord
- (b) total in class: 1,207,546,966
- (c) total percentage held in class: 5.007%

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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Maria.Tricarico@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, Maria Tricarico, 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 Voting Products	%		
BlackRock (Netherlands) B.V.	ORD	NZD	194,518	0.016%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	ORD	NZD	18,250	0.002%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	ORD	NZD	4,862,701	0.403%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	ORD	NZD	614,408	0.051%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	ORD	NZD	1,805,116	0.149%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	ORD	NZD	7,511	0.001%	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	419,332	0.035%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	ORD	NZD	26,513,558	2.196%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	ORD	NZD	14,671,254	1.215%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	ORD	NZD	400,262	0.033%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland,
BlackRock Investment Management (Australia) Limited	ORD	AUD	1,676,420	0.139%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (Australia) Limited	ORD	NZD	522,798	0.043%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	ORD	NZD	6,346,061	0.526%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL
BlackRock Investment Management, LLC	ADR 5:1	USD	195	0.000%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle
BlackRock Investment Management, LLC	ORD	NZD	1,071,025	0.089%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle
BlackRock Japan Co., Ltd.	ORD	NZD	1,342,406	0.111%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi,

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Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
03-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 65,028 65,028
03-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.17	ORD 327 327
03-Dec-18	BlackRock (Singapore) Limited	on mkt buy	7.17	ORD 790 790
03-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.17	ORD 422 422
03-Dec-18	BlackRock Fund Advisors	on mkt buy	7.17	ORD 4,253 4,253
03-Dec-18	BlackRock Fund Advisors	on mkt buy	7.17	ORD 569 569
03-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.17	ORD 745 745
03-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.17	ORD 4,989 4,989
03-Dec-18	BlackRock Fund Advisors	on mkt buy	7.17	ORD 198 198
03-Dec-18	BlackRock Fund Advisors	on mkt buy	7.17	ORD 1,680 1,680
03-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.17	ORD 2,646 2,646
03-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.17	ORD 2,010 2,010
03-Dec-18	BlackRock Investment Management, LLC	on mkt buy	7.17	ORD 241 241
03-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.17	ORD 2,487 2,487
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.23	ORD 404 404
04-Dec-18	BlackRock (Singapore) Limited	on mkt buy	7.23	ORD 974 974
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.23	ORD 520 520
04-Dec-18	BlackRock Fund Advisors	on mkt buy	7.23	ORD 5,242 5,242
04-Dec-18	BlackRock Fund Advisors	on mkt buy	7.23	ORD 702 702
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.23	ORD 918 918
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.23	ORD 6,151 6,151
04-Dec-18	BlackRock Fund Advisors	on mkt buy	7.23	ORD 246 246
04-Dec-18	BlackRock Fund Advisors	on mkt buy	7.23	ORD 2,070 2,070
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.23	ORD 3,263 3,263
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.23	ORD 2,478 2,478
04-Dec-18	BlackRock Investment Management, LLC	on mkt buy	7.23	ORD 296 296
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.23	ORD 3,065 3,065
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.18	ORD 4,674 4,674
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.24	ORD 403 403
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.24	ORD 480 480
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.24	ORD 2,310 2,310
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	7.24	ORD -26,215 -26,215
04-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	7.24	ORD 1,885 1,885
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.24	ORD 3,089 3,089
04-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.24	ORD 3,420 3,420
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,672 12,672
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 8,460 8,460
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,376 4,376
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,076 5,076
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 18,620 18,620
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,793 2,793
04-Dec-18	BlackRock (Netherlands) B.V.	in specie	n/a	ORD -1,455 -1,455

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
05-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	7.11	ORD -10,226 -10,226
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.08	ORD -448 -448
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.08	ORD -5,678 -5,678
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.08	ORD -1,204 -1,204
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.08	ORD -4,301 -4,301
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.08	ORD -5,467 -5,467
06-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 873,005 873,005
06-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.21	ORD 440,254 440,254
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21	ORD -8,544 -8,544
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 465 465
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 8,732 8,732
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 3,224 3,224
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 2,292 2,292
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 3,916 3,916
06-Dec-18	BlackRock Advisors, LLC	on mkt sell	7.21	ORD -84,349 -84,349
06-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.21	ORD 165,000 165,000
06-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.21	ORD 350,000 350,000
06-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.14	ORD -2,948 -2,948
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,280 17,280
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,496 10,496
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,545 3,545
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,376 4,376
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 43,429 43,429
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.24	ORD -2,935 -2,935
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.24	ORD -598 -598
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.24	ORD -595 -595
07-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	7.25	ORD 58,945 58,945
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD 19,810 19,810
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD 4,860 4,860
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.25	ORD -303 -303
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD 3,438 3,438
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.25	ORD -1,146 -1,146
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,280 17,280
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,640 5,640
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -14,902 -14,902
07-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -11,565 -11,565
10-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	7.19	ORD 28,623 28,623
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.1	ORD -6,381 -6,381
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.1	ORD -1,974 -1,974
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.1	ORD 552 552
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.1	ORD 1,080 1,080
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 13,120 13,120
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,619 2,619
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,564 6,564
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.96	ORD 27,412 27,412
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.96	ORD 2,284 2,284
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.96	ORD -2,284 -2,284

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.98	ORD -918	-918
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 13,824	13,824
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,517	6,517
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,564	6,564
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,793	2,793
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.04	ORD -4,638	-4,638
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.01	ORD -131	-131
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.01	ORD -26	-26
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.01	ORD -26	-26
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD 3,946	3,946
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD 711	711
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.99	ORD -976	-976
12-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	6.99	ORD 23,429	23,429
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 14,976	14,976
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,368	10,368
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 16,920	16,920
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,475	3,475
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 17,280	17,280
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.10	ORD 1,978	1,978
13-Dec-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -1,135	-1,135
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,724	3,724
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -15,368	-15,368
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 15,368	15,368
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.97	ORD -16,171	-16,171
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.97	ORD -2,385	-2,385
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.97	ORD -6,651	-6,651
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.97	ORD -1,102	-1,102
14-Dec-18	BlackRock International Limited	on mkt sell	6.97	ORD -8,686	-8,686
14-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.97	ORD -11,498	-11,498
14-Dec-18	BlackRock Investment Management, LLC	on mkt sell	6.97	ORD -8,569	-8,569
14-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.97	ORD -6,269	-6,269
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.97	ORD -1,330	-1,330
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.96	ORD -59,678	-59,678
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.96	ORD -8,800	-8,800

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14-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.96 ORD -24,546	-24,546
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.96 ORD -4,064	-4,064
14-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.96 ORD -42,432	-42,432
14-Dec-18	BlackRock Investment Management, LLC	on mkt sell	6.96 ORD -31,621	-31,621
14-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.96 ORD -23,135	-23,135
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.96 ORD -4,907	-4,907
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.97 ORD -8,504	-8,504
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.97 ORD 407	407
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.97 ORD -467	-467
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.97 ORD -5,534	-5,534
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.97 ORD 15,666	15,666
14-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	6.97 ORD -4,467	-4,467
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.97 ORD -4,421	-4,421
14-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 34,560	34,560
14-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 2,968	2,968
14-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 4,655	4,655
14-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 4,376	4,376
14-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD -29,804	-29,804
14-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 8,379	8,379
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.95 ORD -29,831	-29,831
17-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.95 ORD -4,398	-4,398
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.95 ORD -12,270	-12,270
17-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.95 ORD -2,031	-2,031
17-Dec-18	BlackRock International Limited	on mkt sell	6.95 ORD -7,694	-7,694
17-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.95 ORD -21,210	-21,210
17-Dec-18	BlackRock Investment Management, LLC	on mkt sell	6.95 ORD -15,807	-15,807
17-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.95 ORD -11,565	-11,565
17-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.95 ORD -2,453	-2,453
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.95 ORD -27,811	-27,811
17-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.95 ORD -4,102	-4,102
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.95 ORD -11,439	-11,439
17-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.95 ORD -1,894	-1,894

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
17-Dec-18	BlackRock International Limited	on mkt sell	6.95 ORD -7,175	-7,175
17-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.95 ORD -19,774	-19,774
17-Dec-18	BlackRock Investment Management, LLC	on mkt sell	6.95 ORD -14,736	-14,736
17-Dec-18	BlackRock Financial Management, Inc.	on mkt sell	6.95 ORD -10,782	-10,782
17-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.95 ORD -2,287	-2,287
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.95 ORD -1,970	-1,970
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.95 ORD 2,344	2,344
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	6.95 ORD 665	665
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 10,368	10,368
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 14,100	14,100
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 1,692	1,692
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	6.85 ORD -3,216	-3,216
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 5,238	5,238
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 23,275	23,275
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 7,448	7,448
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 2,968	2,968
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	6.91 ORD -14,903	-14,903
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.97 ORD 3,226	3,226
18-Dec-18	BlackRock Fund Advisors	on mkt sell	7.01 ORD -42,570	-42,570
18-Dec-18	BlackRock Fund Advisors	on mkt sell	7.01 ORD -146,619	-146,619
18-Dec-18	BlackRock Fund Advisors	on mkt sell	7.01 ORD -13,944	-13,944
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.01 ORD -1,190	-1,190
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.01 ORD -1,715	-1,715
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.00 ORD -1,470	-1,470
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.00 ORD 405	405
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.00 ORD -244	-244
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.09 ORD 11,724	11,724
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.13 ORD -81	-81
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.13 ORD -24	-24
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.13 ORD -23	-23
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15 ORD -2,892	-2,892
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15 ORD -612	-612

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15 ORD 3,519	3,519
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15 ORD -488	-488
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15 ORD -4,270	-4,270
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15 ORD 546	546
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.12 ORD -28,927	-28,927
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.12 ORD -1,896	-1,896
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.12 ORD -24,221	-24,221
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15 ORD -1,687	-1,687
19-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 6,477	6,477
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.18 ORD 1,639	1,639
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.30 ORD -1,958	-1,958
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.30 ORD -11,748	-11,748
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.30 ORD -4,636	-4,636
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30 ORD 546	546
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.30 ORD -732	-732
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30 ORD 668	668
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.30 ORD 1,077	1,077
20-Dec-18	BlackRock (Netherlands) B.V.	on mkt buy	7.30 ORD 1,130	1,130
20-Dec-18	BlackRock Investment Management, LLC	on mkt buy	7.30 ORD 18,749	18,749
20-Dec-18	BlackRock (Netherlands) B.V.	on mkt buy	7.30 ORD 2,021	2,021
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.30 ORD -488	-488
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.23 ORD -6,498	-6,498
20-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 10,400	10,400
20-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD -29,342	-29,342
20-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 9,210	9,210
20-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 5,010	5,010
21-Dec-18	BlackRock Fund Advisors	on mkt buy	7.16 ORD 2,693	2,693
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21 ORD -8,660	-8,660
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21 ORD -1,956	-1,956
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21 ORD -23,472	-23,472
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21 ORD -1,195	-1,195
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21 ORD -4,628	-4,628

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 132	132
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21	ORD -972	-972
21-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	7.21	ORD -20,909	-20,909
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD 2,798	2,798
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.21	ORD 110,729	110,729
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.21	ORD -39,966	-39,966
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.21	ORD -39,272	-39,272
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.11	ORD 2,694	2,694
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 13,824	13,824
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 13,940	13,940
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,325	3,325
21-Dec-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -65,028	-65,028
24-Dec-18	BlackRock Fund Advisors	on mkt buy	7.17	ORD 864	864
24-Dec-18	BlackRock Fund Advisors	on mkt buy	7.18	ORD 12,506	12,506
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 34,560	34,560
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,076	5,076
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,318	4,318
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 8,636	8,636
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD -132,039	-132,039
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 5,010	5,010
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,973	11,973
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,447	6,447
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,968	2,968
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,400	10,400
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,512	4,512
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,408	12,408
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.33	ORD 1,547	1,547
27-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	7.35	ORD -37,020	-37,020
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	ORD -80,074	-80,074
27-Dec-18	BlackRock Investment Management, LLC	on mkt buy	7.35	ORD 9,204	9,204
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 18,200	18,200
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 14,664	14,664

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	-44,013	-44,013
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	-42,786	-42,786
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.14	ORD	-810	-810
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	7.14	ORD	6,966	6,966
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.14	ORD	-729	-729
28-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.14	ORD	9,916	9,916
28-Dec-18	BlackRock Fund Advisors	on mkt buy	7.14	ORD	53,919	53,919
28-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,368	7,368
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a	ORD	-5,850	-5,850
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a	ORD	5,850	5,850
31-Dec-18	BlackRock Investment Management, LLC	on mkt sell	7.20	ORD	-1,715	-1,715
31-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.18	ORD	-1,673	-1,673
31-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	7.18	ORD	-1,094	-1,094
31-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-50,462	-50,462
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	44,013	44,013
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	15,792	15,792
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,340	3,340
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	6,477	6,477
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,452	4,452
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,605	4,605
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-15,240	-15,240
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	12,894	12,894
03-Jan-19	BlackRock Investment Management, LLC	on mkt sell	7.08	ORD	-644	-644
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.08	ORD	-9,773	-9,773
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.20	ORD	-1,977	-1,977
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	1,168	1,168
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	4,807	4,807
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	833	833
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.23	ORD	-1,348	-1,348
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	8,289	8,289
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	6,477	6,477
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,968	2,968

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -128,358 -128,358
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.22	ORD -70 -70
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.22	ORD -23 -23
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.22	ORD -22 -22
04-Jan-19	BlackRock Fund Advisors	on mkt buy	7.27	ORD 16,989 16,989
04-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.27	ORD 9,232 9,232
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.27	ORD 251,878 251,878
04-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.28	ORD -6,526 -6,526
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.28	ORD 440 440
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD -1,620 -1,620
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.28	ORD 2,336 2,336
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD -2,758 -2,758
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD -3,045 -3,045
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 10,368 10,368
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 11,610 11,610
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,112 5,112
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,238 5,238
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,384 3,384
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,670 1,670
04-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -873,005 -873,005
07-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	7.32	ORD 1,299 1,299
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD -8,652 -8,652
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD -10,815 -10,815
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.28	ORD 2,338 2,338
07-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.28	ORD 63,530 63,530
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD -6,990 -6,990
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.28	ORD -43,051 -43,051
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,612 3,612
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,342 29,342
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,350 8,350
09-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.20	ORD -9,028 -9,028
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.28	ORD 140 140

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy 7.28	ORD 21	21
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy 7.28	ORD 19	19
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.29	ORD 3,157	3,157
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy 7.29	ORD 9,047	9,047
09-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -15,240	-15,240
09-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -15,240	-15,240
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.28	ORD 4,382	4,382
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.28	ORD 480	480
10-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD 3,492	3,492
10-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD 117,368	117,368
11-Jan-19	BlackRock Institutional Trust Company, National Association	in specie n/a	ORD 81,492	81,492
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.22	ORD 2,192	2,192
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.22	ORD 2,127	2,127
11-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy 7.22	ORD 2,839	2,839
11-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -10,400	-10,400
11-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -5,640	-5,640
11-Jan-19	BlackRock Advisors (UK) Limited	in specie n/a	ORD -3,844	-3,844
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell 7.26	ORD -1,377	-1,377
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell 7.26	ORD -4,672	-4,672
14-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -13,824	-13,824
14-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -10,400	-10,400
14-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -14,664	-14,664
14-Jan-19	BlackRock Advisors, LLC	on mkt sell 7.26	ORD -2,142	-2,142
14-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -29,342	-29,342
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.20	ORD 2,192	2,192
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.18	ORD 1,171	1,171
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy 7.18	ORD 729	729
15-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -11,520	-11,520
15-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -32,256	-32,256
15-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -6,204	-6,204
15-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -3,948	-3,948
15-Jan-19	BlackRock Fund Advisors	in specie n/a	ORD -15,600	-15,600

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-11,520	-11,520
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-36,400	-36,400
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-3,948	-3,948
15-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-15,990	-15,990
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.23	ORD	-91	-91
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.23	ORD	-21	-21
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.23	ORD	-18	-18
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-6,892	-6,892
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.23	ORD	406	406
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.23	ORD	-1,620	-1,620
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.23	ORD	549	549
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.23	ORD	549	549
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.23	ORD	5,764	5,764
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-6,912	-6,912
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	11,344	11,344
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-10,400	-10,400
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-4,318	-4,318
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-2,968	-2,968
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-19,852	-19,852
17-Jan-19	BlackRock Asset Management Canada Limited	in specie	n/a	ORD	6,746	6,746
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.31	ORD	10,965	10,965
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.31	ORD	729	729
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.31	ORD	8,259	8,259
17-Jan-19	BlackRock Fund Advisors	on mkt buy	7.31	ORD	15,846	15,846
17-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.31	ORD	-751	-751
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,096	3,096
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-28,360	-28,360
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	5,010	5,010
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,605	4,605
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.35	ORD	559	559
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.35	ORD	1,093	1,093
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-6,912	-6,912

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -11,520 -11,520
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -88,176 -88,176
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.43	ORD 356 356
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.43	ORD 2,195 2,195
22-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	7.43	ORD 15,381 15,381
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,672 -12,672
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -5,076 -5,076
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -6,477 -6,477
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,452 -4,452
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.38	ORD -9,358 -9,358
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.38	ORD -648 -648
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.44	ORD 356 356
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.44	ORD -8,023 -8,023
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.44	ORD 300 300
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -18,432 -18,432
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -11,520 -11,520
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -3,948 -3,948
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -5,640 -5,640
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,318 -4,318
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,605 4,605
23-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -60,584 -60,584
24-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.43	ORD 7,791 7,791
24-Jan-19	BlackRock Fund Advisors	on mkt buy	7.48	ORD 24,364 24,364
24-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.48	ORD 39,944 39,944
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.50	ORD 2,192 2,192
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -5,096 -5,096
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,852 -12,852
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -6,426 -6,426
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -1,916 -1,916
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -73,480 -73,480
24-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 7,009 7,009
28-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.70	ORD 1,166 1,166

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
28-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.70 ORD 1,358	1,358
28-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -6,912	-6,912
28-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -2,820	-2,820
28-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 44,088	44,088
28-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 3,684	3,684
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.53 ORD 1,167	1,167
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.53 ORD 3,501	3,501
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.53 ORD 868	868
29-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -11,520	-11,520
29-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -12,672	-12,672
29-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -2,820	-2,820
29-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -4,512	-4,512
29-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -2,968	-2,968
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	7.43 ORD -7,824	-7,824
30-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.31 ORD -1,548	-1,548
30-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.31 ORD -1,174	-1,174
30-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.28 ORD -100	-100
30-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	7.28 ORD 40,000	40,000
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.27 ORD 1,163	1,163
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.27 ORD 5,815	5,815
30-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -3,456	-3,456
30-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -2,912	-2,912
30-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 15,240	15,240
30-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 4,605	4,605
30-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 2,763	2,763
30-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 8,350	8,350
31-Jan-19	BlackRock Investment Management, LLC	on mkt sell	7.32 ORD -537	-537
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.35 ORD 1,170	1,170
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.35 ORD 2,137	2,137
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	7.35 ORD 486	486
31-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -9,216	-9,216
31-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -3,384	-3,384

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -352	-352
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD 15,240	15,240
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,400	-10,400
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 18,168	18,168
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -18,168	-18,168
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -14,685	-14,685
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 14,685	14,685
01-Feb-19	BlackRock Fund Advisors	on mkt buy	7.37	ORD 850	850
01-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.33	ORD -7,900	-7,900
01-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.33	ORD -7,780	-7,780
01-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,318	-4,318
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.27	ORD 800	800
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.27	ORD 1,170	1,170
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.27	ORD 972	972
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.27	ORD 8,007	8,007
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -26,000	-26,000
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -1,484	-1,484
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,684	3,684
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,795	-10,795
05-Feb-19	BlackRock Financial Management, Inc.	in specie	n/a	ORD -281,344	-281,344
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.34	ORD -10,578	-10,578
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.34	ORD -3,624	-3,624
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.37	ORD 473	473
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.37	ORD -1,408	-1,408
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.37	ORD -2,325	-2,325
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.37	ORD -1,395	-1,395
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.37	ORD 1,171	1,171
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.37	ORD 1,171	1,171
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.37	ORD 1,137	1,137
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.37	ORD -145	-145
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 85,572	85,572
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -992	-992

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.54 ORD -474	-474
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.54 ORD -2,766	-2,766
08-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 4,605	4,605
08-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 171,144	171,144
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.47 ORD 30,894	30,894
11-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -8,460	-8,460
11-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -7,896	-7,896
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.55 ORD -466	-466
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.55 ORD 1,182	1,182
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.55 ORD 1,182	1,182
12-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -11,520	-11,520
12-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -13,000	-13,000
12-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 42,786	42,786
12-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 6,984	6,984
13-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -208,436	-208,436
13-Feb-19	BlackRock Fund Advisors	on mkt buy	7.55 ORD 21,708	21,708
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.56 ORD 4,527	4,527
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.56 ORD 90,599	90,599
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.56 ORD -62	-62
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.56 ORD -17	-17
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.56 ORD -16	-16
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.56 ORD 13,176	13,176
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.56 ORD -301	-301
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.56 ORD -5,980	-5,980
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.56 ORD -920	-920
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.56 ORD 1,173	1,173
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.56 ORD 3,519	3,519
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.56 ORD 5,865	5,865
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.56 ORD -920	-920
13-Feb-19	BlackRock Fund Advisors	on mkt buy	7.56 ORD 300,000	300,000
13-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -5,410	-5,410
13-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 6,680	6,680

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -6,477	-6,477
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -2,968	-2,968
14-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	7.49	ORD 4,156	4,156
14-Feb-19	BlackRock Fund Advisors	on mkt buy	7.54	ORD 50,771	50,771
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.51	ORD -932	-932
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -5,760	-5,760
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,328	-4,328
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -7,574	-7,574
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 12,894	12,894
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,392	29,392
15-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.42	ORD 41,524	41,524
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.50	ORD 1,232	1,232
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,763	2,763
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,605	4,605
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -8,055	-8,055
18-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -10,674	-10,674
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.32	ORD 4,400	4,400
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.33	ORD 1,181	1,181
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.33	ORD 1,362	1,362
19-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.33	ORD 24,244	24,244
19-Feb-19	BlackRock Financial Management, Inc.	in specie	n/a	ORD -14,113	-14,113
19-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -20,248	-20,248
19-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,684	3,684
20-Feb-19	BlackRock Fund Advisors	on mkt buy	7.33	ORD 16,907	16,907
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.34	ORD 291	291
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.34	ORD 59	59
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.34	ORD 58	58
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -14,593	-14,593
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.34	ORD 1,181	1,181
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.34	ORD 2,362	2,362
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.34	ORD 37,022	37,022
20-Feb-19	BlackRock Fund Advisors	on mkt buy	7.34	ORD 19,798	19,798

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 49,795	49,795
21-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	7.31	ORD 4,156	4,156
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.33	ORD 4,402	4,402
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.35	ORD 2,364	2,364
21-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -13,000	-13,000
22-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.50	ORD 11,526	11,526
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.42	ORD -1,356	-1,356
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD 2,147	2,147
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD 1,183	1,183
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD 8,356	8,356
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD 2,201	2,201
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 15,078	15,078
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -28,600	-28,600
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,684	3,684
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.50	ORD -475	-475
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.50	ORD 1,188	1,188
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.50	ORD 1,188	1,188
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.50	ORD 19,818	19,818
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.50	ORD 27,702	27,702
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,232	17,232
26-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 301,131	301,131
26-Feb-19	BlackRock Investment Management, LLC	on mkt buy	7.54	ORD 2,168	2,168
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.61	ORD 1,189	1,189
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.61	ORD 1,189	1,189
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,318	-4,318
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -4,318	-4,318
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.66	ORD -251	-251
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.66	ORD -53	-53
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.66	ORD -52	-52
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.70	ORD 4,072	4,072
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.70	ORD 2,139	2,139
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.70	ORD 1,184	1,184

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.70	ORD -2,368	-2,368
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.70	ORD -19,447	-19,447
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.70	ORD 6,558	6,558
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.70	ORD 10,023	10,023
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.66	ORD -10,449	-10,449
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.66	ORD -2,376	-2,376
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.66	ORD -25,951	-25,951
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -12,672	-12,672
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,400	-10,400
27-Feb-19	BlackRock Investment Management, LLC	in specie	n/a	ADR 5:1 39	195
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	7.77	ORD -21,312	-21,312
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.77	ORD 9,242	9,242
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	7.77	ORD 3,080	3,080
28-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	7.77	ORD 71,253	71,253
28-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	7.77	ORD 23,754	23,754
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.77	ORD 4,613	4,613
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.77	ORD 13,836	13,836
28-Feb-19	BlackRock International Limited	on mkt buy	7.77	ORD 2,382	2,382
28-Feb-19	BlackRock International Limited	on mkt buy	7.77	ORD 7,154	7,154
28-Feb-19	BlackRock Investment Management, LLC	on mkt buy	7.77	ORD 41,407	41,407
28-Feb-19	BlackRock Fund Advisors	on mkt buy	7.77	ORD 2,700	2,700
28-Feb-19	BlackRock Fund Advisors	on mkt buy	7.77	ORD 8,101	8,101
28-Feb-19	BlackRock Fund Advisors	on mkt sell	7.77	ORD -7,488	-7,488
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.77	ORD 2,385	2,385
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.77	ORD 7,157	7,157
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.77	ORD 584	584
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.77	ORD 1,755	1,755
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.77	ORD 6,168	6,168
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.77	ORD 18,498	18,498
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -13,000	-13,000
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,605	4,605
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD -1,484	-1,484

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01-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.58 ORD -212,379	-212,379
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.59 ORD -63,669	-63,669
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.62 ORD 2,762	2,762
01-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.58 ORD -115,000	-115,000
04-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.52 ORD -6,919	-6,919
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.54 ORD 2,170	2,170
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.53 ORD -1,892	-1,892
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.53 ORD -796	-796
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.53 ORD 466	466
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.53 ORD 684	684
04-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.53 ORD -621,016	-621,016
04-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD -7,800	-7,800
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.51 ORD -26,114	-26,114
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.51 ORD -577,535	-577,535
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.52 ORD 21,780	21,780
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.52 ORD 981	981
05-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD 14,723	14,723
05-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD 5,526	5,526
05-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD 7,620	7,620
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.55 ORD 27,757	27,757
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.51 ORD -3,995	-3,995
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.53 ORD -110	-110
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.53 ORD -28	-28
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.51 ORD -5,563	-5,563
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.53 ORD -28	-28
06-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	7.54 ORD -22,793	-22,793
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.54 ORD 932	932
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.54 ORD 4,233	4,233
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.54 ORD 10,925	10,925
06-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD 20,822	20,822
06-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD -5,200	-5,200
06-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD 29,446	29,446

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
07-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	7.51	ORD 9,556	9,556
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.63	ORD 1,730	1,730
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.63	ORD 936	936
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 15,240	15,240
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -2,968	-2,968
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,684	3,684
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.69	ORD 823	823
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.69	ORD 1,548	1,548
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.69	ORD 2,236	2,236
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.69	ORD 918	918
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.69	ORD -1,592	-1,592
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.69	ORD 1,173	1,173
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.69	ORD 556	556
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.69	ORD -13,272	-13,272
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 13,642	13,642
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,620	7,620
11-Mar-19	BlackRock Fund Advisors	on mkt buy	7.64	ORD 20,315	20,315
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.65	ORD -13,254	-13,254
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.65	ORD 1,173	1,173
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.65	ORD -6,627	-6,627
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.65	ORD 2,140	2,140
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,684	3,684
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 15,240	15,240
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	7.71	ORD 63,338	63,338
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.71	ORD 2,223	2,223
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.71	ORD 2,394	2,394
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.71	ORD 465	465
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.71	ORD 1,178	1,178
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	7.71	ORD -45,487	-45,487
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.71	ORD -1,502	-1,502
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 17,950	17,950
13-Mar-19	BlackRock Investment Management, LLC	on mkt sell	7.70	ORD -1,217	-1,217

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
13-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.72	ORD -7,824 -7,824
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.71	ORD -1,632 -1,632
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.71	ORD -7,721 -7,721
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.71	ORD -1,054 -1,054
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.71	ORD -7,721 -7,721
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	ORD -32,580 -32,580
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 2,041 2,041
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 2,223 2,223
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 1,710 1,710
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.72	ORD 2,131 2,131
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	ORD -9,006 -9,006
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	ORD -42,589 -42,589
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	ORD -5,817 -5,817
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	ORD -42,588 -42,588
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 2,872 2,872
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 4,794 4,794
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 29,512 29,512
14-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.73	ORD -12,121 -12,121
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.80	ORD 870 870
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.80	ORD -954 -954
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.80	ORD 4,264 4,264
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.89	ORD 77 77
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.94	ORD -1,404 -1,404
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 8,532 8,532
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 1,179 1,179
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.94	ORD -1,995 -1,995
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 696 696
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 4,266 4,266
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	7.94	ORD -5,220 -5,220
15-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	7.94	ORD 51,773 51,773
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.94	ORD 64,483 64,483
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	7.94	ORD 14,330 14,330

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
15-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	7.94	ORD -25,398 -25,398
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.94	ORD 5,715 5,715
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.88	ORD -4,161 -4,161
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -52,000 -52,000
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 39,490 39,490
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.99	ORD 2,358 2,358
18-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	7.99	ORD 922 922
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -20,800 -20,800
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.98	ORD -23,002 -23,002
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.98	ORD -5,532 -5,532
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.98	ORD 519 519
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	7.98	ORD -956 -956
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.98	ORD 4,254 4,254
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.98	ORD 1,180 1,180
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.98	ORD 4,410 4,410
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.98	ORD 4,885 4,885
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 3,870 3,870
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.95	ORD 126 126
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.95	ORD 36 36
20-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	7.95	ORD 35 35
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.94	ORD 2,206 2,206
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.96	ORD 1,218 1,218
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.94	ORD -10,747 -10,747
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.94	ORD -50,821 -50,821
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.94	ORD -6,926 -6,926
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	7.94	ORD -50,821 -50,821
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -36,400 -36,400
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 28,720 28,720
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -1,484 -1,484
20-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -12,807 -12,807
21-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.79	ORD -94,953 -94,953
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.85	ORD 972 972

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.85	ORD 1,566	1,566
21-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,392	6,392
22-Mar-19	BlackRock Investment Management, LLC	on mkt buy	7.77	ORD 2,241	2,241
22-Mar-19	BlackRock Investment Management, LLC	on mkt buy	7.77	ORD 2,237	2,237
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.89	ORD 1,720	1,720
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.89	ORD 924	924
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.89	ORD 459	459
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -10,400	-10,400
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,526	5,526
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -3,684	-3,684
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD -1,484	-1,484
25-Mar-19	BlackRock Fund Advisors	on mkt buy	7.88	ORD 3,699	3,699
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	7.99	ORD 6,621	6,621
25-Mar-19	BlackRock Fund Advisors	on mkt buy	7.99	ORD 18,542	18,542
25-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	7.99	ORD -2,758	-2,758
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 25,848	25,848
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 9,334	9,334
26-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	8.00	ORD -5,483	-5,483
27-Mar-19	BlackRock Fund Advisors	on mkt buy	8.08	ORD 30,150	30,150
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	8.15	ORD -26,308	-26,308
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	8.15	ORD -487	-487
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	8.15	ORD -8,795	-8,795
27-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	8.20	ORD -2,492	-2,492
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	8.20	ORD -1,631	-1,631
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	8.20	ORD -14,866	-14,866
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -4,605	-4,605
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 4,605	4,605
28-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	8.16	ORD -6,107	-6,107
28-Mar-19	BlackRock Japan Co., Ltd.	on mkt sell	8.14	ORD -1,476	-1,476
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	8.15	ORD 2,208	2,208
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	8.14	ORD 6,624	6,624
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	8.15	ORD 930	930

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	8.15 ORD 2,137	2,137
28-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	8.15 ORD 713	713
28-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	8.15 ORD 270	270
28-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	8.15 ORD 30,496	30,496
29-Mar-19	BlackRock Fund Advisors	on mkt buy	8.15 ORD 3,689	3,689
29-Mar-19	BlackRock Investment Management, LLC	on mkt sell	8.15 ORD -987	-987
29-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	8.14 ORD 1,185	1,185
29-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	8.14 ORD -57,789	-57,789
29-Mar-19	BlackRock Fund Advisors	on mkt buy	8.14 ORD 432,999	432,999
29-Mar-19	BlackRock Fund Advisors	on mkt buy	8.14 ORD 39,964	39,964
29-Mar-19	BlackRock Fund Advisors	in specie	n/a ORD 5,160	5,160
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	8.22 ORD 2,046	2,046
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	8.22 ORD -11,028	-11,028
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	8.22 ORD 2,372	2,372
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	8.22 ORD -1,568	-1,568
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	8.22 ORD 76,906	76,906
01-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	8.22 ORD 778	778
01-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 12,984	12,984
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	8.35 ORD 2,210	2,210
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	8.35 ORD 1,123	1,123
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	8.35 ORD 1,187	1,187
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	8.35 ORD 2,565	2,565
02-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 2,580	2,580
02-Apr-19	BlackRock Fund Advisors	in specie	n/a ORD 86,132	86,132