

Disclosure of beginning to have substantial holding
Section 276, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange

And: Auckland International Airport Limited

Date this disclosure made: 10 December 2018

Date on which substantial holding began: 6 December 2018

Substantial product holder(s) giving disclosure

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

Summary of substantial holding to which disclosure relates

Class of listed voting securities: Ordinary Shares

Summary for: Product holders listed in Appendix A

For this disclosure,—

- (a) total number held in class: 61,032,867 Ord
- (b) total in class: 1,207,546,966
- (c) total percentage held in class: 5.054%

Details of transactions and events giving rise to person beginning to have substantial holding

Details of the transactions or other events requiring disclosure under the instructions to this form:
Refer to Appendix B

Details of relevant interests currently in substantial holding

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 142.

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) of securities: Refer to Appendix A
- (d) registered holder(s) of securities once transfers registered: Not applicable

Additional information

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

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

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

Certification

I, Bradley Taylor, Authorised Signatory, 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 for BlackRock Investment Management (Australia) Limited.

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	190,589	0.016%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelvein 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	4,868,846	0.403%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	ORD	NZD	808,163	0.067%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	ORD	NZD	1,837,238	0.152%	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	861,454	0.071%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	ORD	NZD	25,316,541	2.097%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	ORD	NZD	14,453,793	1.197%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	ORD	NZD	414,281	0.034%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland,
BlackRock Investment Management (Australia) Limited	ORD	AUD	2,159,820	0.179%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (Australia) Limited	ORD	NZD	2,106,564	0.174%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	ORD	NZD	5,815,846	0.482%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL
BlackRock Investment Management, LLC	ORD	NZD	1,070,852	0.089%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle
BlackRock Japan Co., Ltd.	ORD	NZD	1,103,119	0.091%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi,

Auckland International Airport Limited

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
07-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	6.75	ORD	-2,924	-2,924
07-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	6.75	ORD	2,472	2,472
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.75	ORD	61,712	61,712
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.75	ORD	2,156	2,156
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.83	ORD	72	72
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.83	ORD	14	14
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.83	ORD	14	14
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	4,106	4,106
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	7,076	7,076
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	1,078	1,078
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	496	496
08-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.84	ORD	3,016	3,016
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	11,535	11,535
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	53,498	53,498
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	7,450	7,450
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	24,334	24,334
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	35,329	35,329
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	23,101	23,101
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	ORD	47,105	47,105
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.84	ORD	501	501
09-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	653	653
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,520	2,520
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	7,824	7,824
09-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-7,824	-7,824
09-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-7,107	-7,107
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,040	5,040
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-86,624	-86,624
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.87	ORD	12,990	12,990
13-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	ORD	17,564	17,564
13-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-2,004	-2,004

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
14-Aug-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	16,906	16,906
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	6.74	ORD	-4,324	-4,324
14-Aug-18	BlackRock Advisors, LLC	on mkt sell	6.74	ORD	-49,430	-49,430
14-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-12,411	-12,411
14-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,652	1,652
14-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-24,822	-24,822
15-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.77	ORD	1,786	1,786
15-Aug-18	BlackRock Advisors, LLC	on mkt buy	6.77	ORD	7,219	7,219
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.77	ORD	676	676
15-Aug-18	BlackRock Advisors, LLC	on mkt buy	6.77	ORD	2,331	2,331
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.77	ORD	939	939
15-Aug-18	BlackRock International Limited	on mkt buy	6.77	ORD	1,011	1,011
15-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.77	ORD	6,216	6,216
15-Aug-18	BlackRock Investment Management, LLC	on mkt buy	6.77	ORD	3,088	3,088
15-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.77	ORD	1,760	1,760
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.77	ORD	572	572
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.79	ORD	891	891
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.79	ORD	573	573
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.79	ORD	2,756	2,756
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.79	ORD	1,807	1,807
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.79	ORD	3,675	3,675
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.77	ORD	94	94
15-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	6.76	ORD	-13,989	-13,989
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.82	ORD	1,503	1,503
15-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,956	4,956
16-Aug-18	BlackRock Investment Management, LLC	on mkt buy	6.80	ORD	4,639	4,639
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	6.81	ORD	-9,860	-9,860
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	1,079	1,079
16-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.82	ORD	10,041	10,041
16-Aug-18	BlackRock Advisors, LLC	on mkt buy	6.82	ORD	40,567	40,567
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.82	ORD	3,802	3,802
16-Aug-18	BlackRock Advisors, LLC	on mkt buy	6.82	ORD	13,099	13,099

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.82	ORD	5,279	5,279
16-Aug-18	BlackRock International Limited	on mkt buy	6.82	ORD	5,679	5,679
16-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.82	ORD	34,938	34,938
16-Aug-18	BlackRock Investment Management, LLC	on mkt buy	6.82	ORD	17,357	17,357
16-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.82	ORD	9,894	9,894
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.82	ORD	3,217	3,217
16-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
16-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-37,233	-37,233
17-Aug-18	BlackRock Fund Advisors	on mkt buy	6.86	ORD	22,792	22,792
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.87	ORD	2,792	2,792
20-Aug-18	BlackRock Financial Management, Inc.	on mkt sell	6.90	ORD	-1,284	-1,284
20-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.91	ORD	1,079	1,079
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.92	ORD	310	310
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	6.91	ORD	-45,927	-45,927
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.92	ORD	145	145
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.91	ORD	1,084	1,084
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.92	ORD	1,084	1,084
21-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-3,403	-3,403
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.91	ORD	11,378	11,378
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.91	ORD	24,203	24,203
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.91	ORD	15,388	15,388
22-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.90	ORD	33	33
22-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.90	ORD	31	31
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	6.90	ORD	-10,945	-10,945
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	6.92	ORD	-2,170	-2,170
22-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	6.92	ORD	426	426
23-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.94	ORD	1,084	1,084
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.94	ORD	-15,213	-15,213
24-Aug-18	BlackRock Financial Management, Inc.	on mkt buy	6.95	ORD	778	778
24-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	6.95	ORD	1,084	1,084
24-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.92	ORD	501	501
24-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,496	3,496

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
24-Aug-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-46,596	-46,596
27-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	149,376	149,376
27-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	99,584	99,584
27-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	37,344	37,344
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-27,206	-27,206
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-16,180	-16,180
28-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,622	2,622
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.03	ORD	8,805	8,805
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.14	ORD	-24	-24
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.14	ORD	-23	-23
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	7.17	ORD	-9,895	-9,895
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	7.17	ORD	810	810
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	7.17	ORD	1,085	1,085
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	ORD	15,534	15,534
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	ORD	7,280	7,280
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	ORD	18,567	18,567
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	ORD	34,521	34,521
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,591	7,591
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-99,584	-99,584
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,652	1,652
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-86,624	-86,624
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	7.17	ORD	655	655
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	7.16	ORD	-17,226	-17,226
31-Aug-18	BlackRock Investment Management, LLC	on mkt sell	7.13	ORD	-349	-349
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	7.12	ORD	-26,914	-26,914
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15	ORD	3,240	3,240
31-Aug-18	BlackRock Fund Advisors	on mkt sell	7.15	ORD	-50,582	-50,582
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.15	ORD	9,073	9,073
31-Aug-18	BlackRock (Netherlands) B.V.	on mkt buy	7.15	ORD	2,780	2,780
31-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-1,145	-1,145
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.13	ORD	454	454
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.13	ORD	112	112

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.13	ORD	112	112
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.13	ORD	2,146	2,146
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.12	ORD	21,460	21,460
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.12	ORD	12,876	12,876
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.13	ORD	474	474
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.13	ORD	1,076	1,076
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	ORD	6,904	6,904
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	ORD	34,542	34,542
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	6.99	ORD	-5,590	-5,590
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-3,456	-3,456
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,300	6,300
06-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	6.88	ORD	-1,974	-1,974
06-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.88	ORD	2,152	2,152
06-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.88	ORD	-3,623	-3,623
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,488	1,488
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-15,666	-15,666
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-8,180	-8,180
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-4,640	-4,640
07-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	6.88	ORD	-509	-509
07-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	6.88	ORD	-11,702	-11,702
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.86	ORD	472	472
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.89	ORD	15,421	15,421
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,520	2,520
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	15,378	15,378
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,883	11,883
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	42,440	42,440
10-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	6.82	ORD	-4,162	-4,162
10-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.82	ORD	1,422	1,422
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,024	3,024
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	297,080	297,080
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
11-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.90	ORD	99,909	99,909

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.90	ORD	6,618	6,618
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	6.90	ORD	-4,176	-4,176
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	84,880	84,880
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	169,760	169,760
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	176	176
11-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-14,088	-14,088
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	ORD	381	381
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	ORD	88	88
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	ORD	191	191
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	ORD	413	413
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	ORD	74	74
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.93	ORD	33,695	33,695
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.90	ORD	-228	-228
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.90	ORD	-33	-33
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.90	ORD	-33	-33
12-Sep-18	BlackRock Fund Advisors	on mkt buy	6.92	ORD	22,842	22,842
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.93	ORD	31,088	31,088
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.93	ORD	7,136	7,136
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.93	ORD	15,588	15,588
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.93	ORD	6,041	6,041
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-24,896	-24,896
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-7,833	-7,833
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	6.99	ORD	-2,787	-2,787
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD	1,185	1,185
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD	474	474
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD	1,082	1,082
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,992	6,992
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-15,666	-15,666
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
14-Sep-18	BlackRock Financial Management, Inc.	on mkt buy	7.00	ORD	1,587	1,587
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.00	ORD	1,097	1,097
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.00	ORD	2,194	2,194

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	4,640	4,640
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	8,180	8,180
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,622	2,622
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	78,544	78,544
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	115,371	115,371
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	6.97	ORD	2,196	2,196
17-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	7.00	ORD	2,792	2,792
18-Sep-18	BlackRock Fund Advisors	on mkt buy	6.99	ORD	6,814	6,814
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.15	ORD	-13,282	-13,282
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15	ORD	2,644	2,644
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15	ORD	1,094	1,094
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15	ORD	1,094	1,094
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.15	ORD	9,069	9,069
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.13	ORD	-47,404	-47,404
19-Sep-18	BlackRock Fund Advisors	on mkt buy	7.15	ORD	23,589	23,589
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.17	ORD	2,228	2,228
19-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,748	1,748
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.16	ORD	-24,829	-24,829
20-Sep-18	BlackRock Fund Advisors	on mkt buy	7.14	ORD	7,984	7,984
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	2,634	2,634
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	2,190	2,190
20-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-14,645	-14,645
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-34,648	-34,648
20-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
21-Sep-18	BlackRock Financial Management, Inc.	on mkt buy	7.31	ORD	488	488
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	7.38	ORD	-17,664	-17,664
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.38	ORD	3,285	3,285
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.38	ORD	-13,735	-13,735
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.38	ORD	2,060	2,060
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.38	ORD	62,152	62,152
21-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	7.38	ORD	-20,213	-20,213
21-Sep-18	BlackRock Fund Advisors	on mkt buy	7.38	ORD	17,153	17,153

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.38	ORD	13,326	13,326
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.34	ORD	23,558	23,558
21-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-6,044	-6,044
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-33,943	-33,943
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD	2,054	2,054
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD	1,652	1,652
24-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.42	ORD	-14,439	-14,439
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	7.45	ORD	-3,249	-3,249
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.45	ORD	4,102	4,102
25-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	7.45	ORD	433	433
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-12,513	-12,513
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,652	1,652
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,304	3,304
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,308	7,308
25-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	5,807	5,807
26-Sep-18	BlackRock Fund Advisors	on mkt buy	7.47	ORD	16,208	16,208
26-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.45	ORD	8,445	8,445
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.41	ORD	-6,414	-6,414
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.41	ORD	-1,969	-1,969
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.41	ORD	-405	-405
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.41	ORD	-402	-402
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.42	ORD	11,020	11,020
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.39	ORD	554	554
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.39	ORD	1,180	1,180
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.39	ORD	2,124	2,124
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.39	ORD	2,204	2,204
26-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	7.41	ORD	-3,260	-3,260
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,796	2,796
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	874	874

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-2,611	-2,611
26-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-27,181	-27,181
27-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	7.37	ORD	-3,242	-3,242
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	7.35	ORD	-6,180	-6,180
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.35	ORD	1,680	1,680
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	ORD	-14,251	-14,251
27-Sep-18	BlackRock Fund Advisors	on mkt buy	7.35	ORD	14,276	14,276
27-Sep-18	BlackRock Fund Advisors	on mkt sell	7.35	ORD	-7,540	-7,540
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	ORD	-15,101	-15,101
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	ORD	-14,355	-14,355
27-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	7.35	ORD	-22,217	-22,217
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,268	2,268
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-4,536	-4,536
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-5,031	-5,031
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	5,031	5,031
28-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	7.31	ORD	-1,080	-1,080
28-Sep-18	BlackRock Fund Advisors	on mkt buy	7.35	ORD	5,177	5,177
28-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	7.30	ORD	55,124	55,124
28-Sep-18	BlackRock Fund Advisors	on mkt buy	7.30	ORD	1,431,246	1,431,246
28-Sep-18	BlackRock Financial Management, Inc.	on mkt sell	7.30	ORD	-499	-499
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30	ORD	472	472
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.30	ORD	-9,225	-9,225
28-Sep-18	BlackRock Investment Management, LLC	on mkt buy	7.30	ORD	3,350	3,350
28-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.30	ORD	-5,610	-5,610
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	25,863	25,863
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	10,485	10,485
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-85,436	-85,436
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-13,055	-13,055
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-7,355	-7,355
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-85,541	-85,541

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	7.30	ORD	-4,124	-4,124
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30	ORD	944	944
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30	ORD	2,192	2,192
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30	ORD	1,096	1,096
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30	ORD	2,919	2,919
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.30	ORD	1,428	1,428
02-Oct-18	BlackRock Asset Management Canada Limited	on mkt buy	7.30	ORD	33,869	33,869
02-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.31	ORD	9,502	9,502
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.32	ORD	2,214	2,214
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.32	ORD	450	450
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.32	ORD	446	446
03-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.32	ORD	1,180	1,180
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	708	708
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	7.18	ORD	-992	-992
04-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	10,034	10,034
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD	278	278
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD	7,679	7,679
05-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.25	ORD	-2,055	-2,055
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD	1,097	1,097
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.25	ORD	1,097	1,097
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.22	ORD	501	501
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	18,174	18,174
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.27	ORD	460	460
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.27	ORD	2,646	2,646
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-42,718	-42,718
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,872	4,872
09-Oct-18	BlackRock Fund Advisors	on mkt buy	7.27	ORD	10,199	10,199
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	85,541	85,541
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	7,355	7,355
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	7.28	ORD	-11,856	-11,856
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	7.27	ORD	-9,880	-9,880
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.28	ORD	1,099	1,099

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.28	ORD	11,151	11,151
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.28	ORD	2,572	2,572
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	17,892	17,892
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	7.17	ORD	-13,895	-13,895
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.16	ORD	472	472
10-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-128,595	-128,595
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-2,300	-2,300
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-6,449	-6,449
11-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	6.95	ORD	-6,733	-6,733
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.82	ORD	-3,966	-3,966
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.85	ORD	-17,847	-17,847
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.82	ORD	1,416	1,416
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.82	ORD	472	472
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.82	ORD	1,100	1,100
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.82	ORD	-1,736	-1,736
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	25,200	25,200
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-18,277	-18,277
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-7,833	-7,833
12-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	7.05	ORD	1,027	1,027
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	653	653
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	1,100	1,100
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	7.06	ORD	-1,100	-1,100
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	7.06	ORD	-39,363	-39,363
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	7.06	ORD	-1,249	-1,249
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-2,555	-2,555
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	2,555	2,555
12-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-7,674	-7,674
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-27,067	-27,067
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	27,067	27,067
15-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.93	ORD	3,964	3,964
15-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,496	3,496
15-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,652	1,652

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15-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,956	4,956
16-Oct-18	BlackRock Fund Advisors	on mkt buy	6.84	ORD	16,713	16,713
16-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	6.86	ORD	-1,849	-1,849
16-Oct-18	BlackRock Advisors, LLC	on mkt sell	6.86	ORD	-6,650	-6,650
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.86	ORD	-2,792	-2,792
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.86	ORD	-6,383	-6,383
16-Oct-18	BlackRock Advisors, LLC	on mkt sell	6.86	ORD	-10,699	-10,699
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.86	ORD	-1,472	-1,472
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.86	ORD	-4,358	-4,358
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.89	ORD	130,263	130,263
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.90	ORD	2,155	2,155
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.90	ORD	-2,155	-2,155
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.90	ORD	-8,352	-8,352
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.90	ORD	944	944
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	22,680	22,680
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,948	3,948
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,820	2,820
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.92	ORD	22,980	22,980
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.97	ORD	-15	-15
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	ORD	-15	-15
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	ORD	-303	-303
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	ORD	-606	-606
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.95	ORD	-1,175	-1,175
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.95	ORD	-22,233	-22,233
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.95	ORD	-44,466	-44,466
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.95	ORD	85	85
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.97	ORD	9,876	9,876
17-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,332	7,332
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.03	ORD	39,855	39,855
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	7.00	ORD	944	944
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,256	2,256
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	2,300	2,300

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18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	6,449	6,449
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,362	11,362
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	44,532	44,532
19-Oct-18	BlackRock Fund Advisors	on mkt buy	6.97	ORD	6,737	6,737
19-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.91	ORD	-21,080	-21,080
19-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	6.93	ORD	596	596
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.91	ORD	-1,991	-1,991
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.91	ORD	264	264
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.91	ORD	7,848	7,848
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.91	ORD	11,529	11,529
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.91	ORD	1,670	1,670
19-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,956	4,956
22-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,608	6,608
22-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,308	7,308
23-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	6.85	ORD	146,155	146,155
23-Oct-18	BlackRock Fund Advisors	on mkt buy	6.85	ORD	6,088	6,088
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	4,326	4,326
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	2,954	2,954
23-Oct-18	BlackRock Fund Advisors	on mkt buy	6.81	ORD	22,282	22,282
23-Oct-18	BlackRock Fund Advisors	on mkt buy	6.81	ORD	22,253	22,253
23-Oct-18	BlackRock Fund Advisors	on mkt buy	6.81	ORD	27,544	27,544
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.81	ORD	5,821	5,821
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.81	ORD	1,166	1,166
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.92	ORD	133	133
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.92	ORD	40	40
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.92	ORD	40	40
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.90	ORD	1,422	1,422
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.90	ORD	-2,210	-2,210
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.93	ORD	-34,201	-34,201
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.93	ORD	-33,740	-33,740
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.93	ORD	-22,498	-22,498
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.93	ORD	-44,993	-44,993

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
24-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-7,674	-7,674
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.81	ORD	-17,848	-17,848
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	4,334	4,334
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.81	ORD	-7,980	-7,980
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	1,104	1,104
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	656	656
25-Oct-18	BlackRock Advisors, LLC	on mkt sell	6.81	ORD	-2,417	-2,417
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,640	5,640
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,820	2,820
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	43,966	43,966
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,440	13,440
26-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-12,791	-12,791
26-Oct-18	BlackRock Advisors, LLC	in specie	n/a	ORD	12,791	12,791
26-Oct-18	BlackRock Financial Management, Inc.	on mkt sell	6.84	ORD	-816	-816
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	6.82	ORD	15,209	15,209
26-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.81	ORD	4,420	4,420
26-Oct-18	BlackRock Fund Advisors	on mkt buy	6.81	ORD	33,978	33,978
26-Oct-18	BlackRock Fund Advisors	on mkt buy	6.81	ORD	179	179
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	1,094	1,094
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	2,607	2,607
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.84	ORD	2,212	2,212
29-Oct-18	BlackRock Investment Management, LLC	on mkt buy	6.84	ORD	13,953	13,953
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.84	ORD	-1,729	-1,729
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,544	5,544
30-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.88	ORD	2,212	2,212
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-43,060	-43,060
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.98	ORD	-228	-228
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.98	ORD	-50	-50
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.98	ORD	-50	-50
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.99	ORD	-21,873	-21,873
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.99	ORD	-4,650	-4,650
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.99	ORD	-31,908	-31,908

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.99	ORD	-14,566	-14,566
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.99	ORD	-27,003	-27,003
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD	711	711
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	6.99	ORD	-2,470	-2,470
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.99	ORD	20,606	20,606
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	6.99	ORD	19,839	19,839
31-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	6.99	ORD	-25,644	-25,644
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	ORD	-11,771	-11,771
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	ORD	-2,504	-2,504
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	ORD	-17,171	-17,171
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	ORD	-7,839	-7,839
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	ORD	-14,532	-14,532
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,056	7,056
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-17,650	-17,650
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,724	2,724
01-Nov-18	BlackRock (Singapore) Limited	in specie	n/a	ORD	6,488	6,488
01-Nov-18	BlackRock Investment Management, LLC	on mkt sell	7.07	ORD	-1,897	-1,897
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.06	ORD	-18,009	-18,009
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	442	442
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	1,344	1,344
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	1,185	1,185
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	556	556
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.06	ORD	1,107	1,107
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	29,688	29,688
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-7,674	-7,674
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-86,120	-86,120
01-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-28,220	-28,220
02-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.11	ORD	-252	-252
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15	ORD	2,168	2,168
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15	ORD	-22,184	-22,184
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.15	ORD	3,309	3,309
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.15	ORD	-738	-738

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
02-Nov-18	BlackRock Fund Advisors	on mkt buy	7.15	ORD	17,576	17,576
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,384	3,384
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,688	2,688
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,584	3,584
05-Nov-18	BlackRock Fund Advisors	on mkt sell	7.15	ORD	-2,178	-2,178
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,824	13,824
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.18	ORD	-1,979	-1,979
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.18	ORD	-38,360	-38,360
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	1,659	1,659
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	1,099	1,099
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	2,198	2,198
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	5,834	5,834
06-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-2,004	-2,004
06-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	29,688	29,688
06-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	14,844	14,844
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-2,056	-2,056
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-2,056	-2,056
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-634	-634
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-971	-971
07-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-147	-147
07-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-25	-25
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-406	-406
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-281	-281
07-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-25	-25
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	2,176	2,176
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.20	ORD	-5,913	-5,913
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	960	960
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	960	960
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	5,288	5,288
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	656	656
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-9,968	-9,968
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-50,512	-50,512

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-6,898	-6,898
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-50,512	-50,512
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-15,584	-15,584
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.19	ORD	-23,853	-23,853
07-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	7.18	ORD	-514,708	-514,708
07-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-3,395	-3,395
07-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,956	4,956
07-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,792	1,792
08-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	7.24	ORD	1,014	1,014
08-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	7.19	ORD	29,567	29,567
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.19	ORD	-6,555	-6,555
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	2,648	2,648
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	288	288
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	6,684	6,684
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	4,456	4,456
08-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	7.19	ORD	16,698	16,698
08-Nov-18	BlackRock Fund Advisors	on mkt buy	7.19	ORD	44,590	44,590
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,520	11,520
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-43,025	-43,025
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	29,688	29,688
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,304	3,304
09-Nov-18	BlackRock Financial Management, Inc.	on mkt buy	7.20	ORD	366	366
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	5,955	5,955
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	484	484
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	1,112	1,112
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	4,448	4,448
09-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	6,134	6,134
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,912	6,912
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,180	5,180
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,590	2,590
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,294	1,294
09-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-11,448	-11,448

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09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	32,030	32,030
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	35,673	35,673
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.21	ORD	-6,624	-6,624
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD	2,646	2,646
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.21	ORD	6,678	6,678
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,724	3,724
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-7,674	-7,674
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-29,688	-29,688
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	29,688	29,688
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	1,708	1,708
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	2,647	2,647
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.18	ORD	3,345	3,345
13-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	9,024	9,024
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-62	-62
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-16	-16
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-15	-15
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.20	ORD	-6,618	-6,618
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	2,360	2,360
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	2,648	2,648
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	7,805	7,805
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	1,115	1,115
14-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	11,528	11,528
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-11,001	-11,001
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-52,030	-52,030
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-7,106	-7,106
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-52,030	-52,030
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-33,356	-33,356
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-22,463	-22,463
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.18	ORD	-44,926	-44,926
14-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	18,432	18,432
14-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	3,395	3,395
14-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,793	2,793

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15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	11,802	11,802
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.19	ORD	-1,572	-1,572
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	1,117	1,117
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	2,649	2,649
15-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	7.19	ORD	13,568	13,568
15-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	7.19	ORD	10,629	10,629
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.16	ORD	347,252	347,252
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.18	ORD	161,043	161,043
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,824	13,824
16-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.21	ORD	91,492	91,492
16-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.22	ORD	-3,619	-3,619
16-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.22	ORD	-965	-965
16-Nov-18	BlackRock Advisors, LLC	on mkt sell	7.22	ORD	-5,257	-5,257
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.22	ORD	-1,476	-1,476
16-Nov-18	BlackRock Advisors, LLC	on mkt sell	7.22	ORD	-6,318	-6,318
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.22	ORD	-2,967	-2,967
16-Nov-18	BlackRock International Limited	on mkt sell	7.22	ORD	-1,337	-1,337
16-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.22	ORD	-7,838	-7,838
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.22	ORD	-1,068	-1,068
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.24	ORD	132	132
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.24	ORD	552	552
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,734	6,734
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,640	5,640
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-14,873	-14,873
16-Nov-18	BlackRock Advisors, LLC	in specie	n/a	ORD	14,873	14,873
19-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-7,689	-7,689
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.10	ORD	-4,410	-4,410
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.10	ORD	2,264	2,264
19-Nov-18	BlackRock Fund Advisors	on mkt buy	7.10	ORD	10,534	10,534
19-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	7.13	ORD	47,465	47,465
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,590	2,590
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,300	7,300

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20-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.12	ORD	-34,878	-34,878
20-Nov-18	BlackRock Advisors, LLC	on mkt buy	7.18	ORD	99,192	99,192
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	452	452
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	2,650	2,650
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.19	ORD	1,133	1,133
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,650	3,650
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,655	4,655
21-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	7.12	ORD	136,473	136,473
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.10	ORD	-107	-107
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.10	ORD	-23	-23
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.10	ORD	-23	-23
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.10	ORD	2,266	2,266
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.09	ORD	-7,106	-7,106
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.09	ORD	-21,141	-21,141
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.09	ORD	-7,092	-7,092
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.09	ORD	-25,729	-25,729
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.09	ORD	-9,153	-9,153
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	7.09	ORD	-27,906	-27,906
21-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,619	2,619
21-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-23,671	-23,671
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-18,401	-18,401
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-10,575	-10,575
23-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	16,128	16,128
23-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-34,035	-34,035
26-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	6.96	ORD	7,614	7,614
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	6.95	ORD	-2,370	-2,370
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	6.95	ORD	-2,214	-2,214
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	6.95	ORD	298	298
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	6.95	ORD	659	659
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	6.95	ORD	-984	-984
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.95	ORD	69,477	69,477
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	6.95	ORD	1,964	1,964

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26-Nov-18	BlackRock Advisors, LLC	on mkt sell	6.95	ORD	-103,186	-103,186
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,026	5,026
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,724	3,724
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	20,992	20,992
27-Nov-18	BlackRock Fund Advisors	on mkt buy	6.94	ORD	36,884	36,884
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	6.95	ORD	-5,267	-5,267
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	6.96	ORD	-2,204	-2,204
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	6.96	ORD	4,536	4,536
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	6.96	ORD	555	555
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	6.96	ORD	-17,978	-17,978
27-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	6.96	ORD	-26,111	-26,111
27-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	6.96	ORD	498	498
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,112	2,112
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,655	4,655
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,724	3,724
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-43,025	-43,025
27-Nov-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-16,906	-16,906
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	6.96	ORD	1,960	1,960
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	6.96	ORD	1,120	1,120
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	ORD	-6,869	-6,869
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	ORD	-45,428	-45,428
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	ORD	-30,038	-30,038
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,016	5,016
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,026	5,026
29-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	6.97	ORD	-501	-501
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,824	13,824
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	7.10	ORD	-1,435	-1,435
30-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.16	ORD	-520	-520
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.20	ORD	-918	-918
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.20	ORD	4,140	4,140
30-Nov-18	BlackRock (Singapore) Limited	on mkt buy	7.20	ORD	9,998	9,998
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	5,338	5,338

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30-Nov-18	BlackRock (Netherlands) B.V.	on mkt sell	7.20	ORD	-1,455	-1,455
30-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	53,805	53,805
30-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	7,200	7,200
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	9,421	9,421
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	7.20	ORD	63,127	63,127
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	7.20	ORD	-20,294	-20,294
30-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	2,516	2,516
30-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	21,252	21,252
30-Nov-18	BlackRock Fund Advisors	on mkt sell	7.20	ORD	-1,375	-1,375
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	7.20	ORD	-16,355	-16,355
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	33,483	33,483
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	25,430	25,430
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	7.20	ORD	3,042	3,042
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	7.20	ORD	-11,949	-11,949
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	7.20	ORD	31,463	31,463
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	7.20	ORD	11,984	11,984
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-16,815	-16,815
30-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	120,795	120,795
30-Nov-18	BlackRock Fund Advisors	on mkt sell	7.20	ORD	-95,370	-95,370
30-Nov-18	BlackRock Fund Advisors	on mkt buy	7.20	ORD	16,167	16,167
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-2,837	-2,837
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-1,345	-1,345
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	7.20	ORD	6,829	6,829
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	ORD	-9,218	-9,218
30-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	7.20	ORD	-30,190	-30,190
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	7.20	ORD	-7,110	-7,110
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

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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

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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
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