

**SkyCity Entertainment Group Limited**  
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New Zealand

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New Zealand

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21 January 2020

ASX Market Announcements  
Australian Stock Exchange  
Exchange Centre  
Level 6  
20 Bridge Street  
Sydney NSW 2000  
**AUSTRALIA**

**RE: SKYCITY ENTERTAINMENT GROUP LIMITED (SKC)**  
**NOTIFICATION OF CHANGE OF A SUBSTANTIAL HOLDING**

Please find **attached** a substantial holding notification received by the company from BlackRock, Inc and related bodies corporate.

Yours faithfully



Jo Wong  
Company Secretary  
**SkyCity Entertainment Group Limited**

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

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

To: New Zealand Stock Exchange

And: SKYCITY ENTERTAINMENT GROUP LTD

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

Date of relevant event: 17 January 2020

Date this disclosure made: 20 January 2020

Date last disclosure made: 20 March 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: Security holders listed in Appendix A

For **this** disclosure,—

- (a) total number held in class: 47,642,572
- (b) total in class: 667,196,806
- (c) total percentage held in class: 7.141%

For **last** disclosure,—

- (a) total number held in class: 41,695,222
- (b) total in class: 680,342,108
- (c) total percentage held in class: 6.129%

**Details of transactions and events giving rise to relevant event**

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

**Details of relevant interests in substantial holding after relevant event**

Details for: Product holders listed in Appendix A

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

For a derivative relevant interest, also—

- (a) type of derivative: Contract for Difference
- (b) details of derivative:
  - Notional number of underlying shares: 0
  - These derivatives are all cash-settled.
  - Derivatives were acquired and/or disposed of as follows: Refer to Appendix B
- (c) parties to the derivative: Refer to Appendix C
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative:

The power to control the acquisition or disposal of the derivative – Refer to Appendix C

**Additional information**

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

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

Contact details: Maria Tricarico, Tel +1-302-797-3901, Email maria.tricarico@blackrock.com

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, Maria Tricarico, 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 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	90,580	0.014%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	ORD	NZD	6,942,515	1.041%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	ORD	NZD	264,292	0.040%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	ORD	NZD	3,789,868	0.568%	subsidiary of BlackRock Inc.	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	ORD	NZD	484	0.000%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Champion Tower & 17/F ICBC Tower, Three Garden Road, Central, Hong Kong
BlackRock Fund Advisors	ORD	NZD	28,209,782	4.228%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	ORD	NZD	4,616,194	0.692%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	ORD	AUD	2,015,065	0.302%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (Australia) Limited	ORD	NZD	4,077	0.001%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	ORD	NZD	1,622,816	0.243%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	ORD	AUD	83,539	0.013%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	ORD	NZD	3,360	0.001%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

## SKYCITY ENTERTAINMENT GROUP LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
19-Mar-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.96	ORD	-73,776	-73,776
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-4,670	-4,670
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-1,720	-1,720
20-Mar-18	BlackRock Fund Advisors	on mkt buy	3.95	ORD	4,807	4,807
21-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-6,340	-6,340
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91	CFD	-719	-719
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91	CFD	-1,202	-1,202
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91	CFD	-2,266	-2,266
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.91	CFD	-1,276	-1,276
22-Mar-18	BlackRock Fund Advisors	on mkt sell	3.92	ORD	-5,048	-5,048
22-Mar-18	BlackRock Fund Advisors	on mkt sell	3.92	ORD	-53,334	-53,334
22-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD	-34,739	-34,739
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	1,720	1,720
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	4,670	4,670
23-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD	-57,880	-57,880
26-Mar-18	BlackRock Fund Advisors	on mkt buy	3.82	ORD	2,634	2,634
27-Mar-18	BlackRock Fund Advisors	on mkt buy	3.90	ORD	626	626
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD	29,530	29,530
27-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-2,414	-2,414
27-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	2,414	2,414
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD	-29,367	-29,367
28-Mar-18	BlackRock Fund Advisors	on mkt sell	3.84	ORD	-53,154	-53,154
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.88	CFD	-2,912	-2,912
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD	23,975	23,975
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD	28,816	28,816
29-Mar-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,400	3,400
02-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-109,630	-109,630
02-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-40,390	-40,390
03-Apr-18	BlackRock Fund Advisors	on mkt buy	3.87	ORD	1,333	1,333
03-Apr-18	BlackRock Fund Advisors	on mkt buy	3.89	ORD	59,060	59,060
03-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-75,270	-75,270

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.81	ORD	-24,570	-24,570
04-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	3.85	ORD	-13,300	-13,300
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-34,784	-34,784
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-69,480	-69,480
05-Apr-18	BlackRock Fund Advisors	on mkt buy	3.86	ORD	3,312	3,312
05-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.87	CFD	-474	-474
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,610	4,610
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-52,110	-52,110
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	16,315	16,315
06-Apr-18	BlackRock Asset Management Deutschland AG	on mkt buy	3.90	ORD	34,517	34,517
09-Apr-18	BlackRock Fund Advisors	on mkt buy	3.89	ORD	2,909	2,909
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD	63,684	63,684
10-Apr-18	BlackRock Fund Advisors	on mkt buy	3.93	ORD	1,513	1,513
10-Apr-18	BlackRock Fund Advisors	on mkt buy	3.93	ORD	8,588	8,588
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,610	4,610
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	12,456	12,456
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	6,662	6,662
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	9,194	9,194
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-34,740	-34,740
12-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.89	CFD	-539	-539
12-Apr-18	BlackRock Fund Advisors	on mkt buy	3.91	ORD	69,288	69,288
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	105,117	105,117
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-87,210	-87,210
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	50,679	50,679
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	63,688	63,688
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD	127,372	127,372
16-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	35,039	35,039
16-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-2,225	-2,225
17-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.92	ORD	-60,101	-60,101
17-Apr-18	BlackRock (Netherlands) B.V.	on mkt buy	3.92	ORD	5,357	5,357
17-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,052	13,052
17-Apr-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-3,218	-3,218

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
19-Apr-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.93	ORD	-36,970	-36,970
19-Apr-18	BlackRock Fund Advisors	on mkt buy	3.94	ORD	3,956	3,956
19-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	3.94	CFD	-804	-804
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.94	ORD	2,419	2,419
19-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-105,309	-105,309
20-Apr-18	BlackRock Fund Advisors	on mkt sell	3.92	ORD	-20,892	-20,892
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,052	13,052
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,200	4,200
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	9,200	9,200
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	17,480	17,480
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-34,749	-34,749
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD	31,842	31,842
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	18,400	18,400
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	22,841	22,841
26-Apr-18	BlackRock Fund Advisors	on mkt buy	3.99	ORD	52,026	52,026
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,008	1,008
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	-104,247	-104,247
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	81,648	81,648
30-Apr-18	BlackRock Fund Advisors	on mkt buy	4.03	ORD	846	846
30-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD	53,700	53,700
30-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD	104,247	104,247
02-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,176	1,176
02-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	81,648	81,648
03-May-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.99	ORD	-18,620	-18,620
03-May-18	BlackRock Fund Advisors	on mkt buy	4.03	ORD	638	638
07-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.94	ORD	4,838	4,838
08-May-18	BlackRock Fund Advisors	on mkt buy	3.93	ORD	55,100	55,100
09-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-16,148	-16,148
10-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,052	13,052
11-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	5,799	5,799
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.92	ORD	838	838
11-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,049	5,049

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
11-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	19,578	19,578
14-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,295	2,295
15-May-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	16,148	16,148
17-May-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD	32,086	32,086
17-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,052	13,052
18-May-18	BlackRock Fund Advisors	on mkt buy	3.94	ORD	42,051	42,051
18-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,672	3,672
21-May-18	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD	-64,164	-64,164
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	4,753	4,753
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-947	-947
22-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	-70,212	-70,212
23-May-18	BlackRock Fund Advisors	on mkt buy	3.99	ORD	16,909	16,909
25-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,052	13,052
29-May-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD	75,049	75,049
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.94	ORD	14,514	14,514
30-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,052	13,052
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.99	ORD	4,813	4,813
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.99	ORD	18,002	18,002
31-May-18	BlackRock Fund Advisors	on mkt buy	3.99	ORD	50,114	50,114
31-May-18	BlackRock Fund Advisors	on mkt buy	3.99	ORD	13,403	13,403
31-May-18	BlackRock (Netherlands) B.V.	on mkt sell	3.99	ORD	-18,216	-18,216
31-May-18	BlackRock Fund Advisors	on mkt sell	3.99	ORD	-84,005	-84,005
31-May-18	BlackRock Fund Advisors	on mkt buy	3.99	ORD	84,005	84,005
31-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	-71,304	-71,304
01-Jun-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD	13,895	13,895
01-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.94	ORD	-64,146	-64,146
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	843	843
05-Jun-18	BlackRock Fund Advisors	on mkt buy	3.97	ORD	90,971	90,971
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	33,300	33,300
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	36,850	36,850
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-59,420	-59,420
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-17,826	-17,826



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
06-Jun-18	BlackRock Fund Advisors	on mkt buy	3.94	ORD	6,952	6,952
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,038	1,038
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-53,478	-53,478
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-53,478	-53,478
07-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.95	ORD	2,419	2,419
07-Jun-18	BlackRock Fund Advisors	on mkt buy	3.95	ORD	41,270	41,270
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,211	1,211
08-Jun-18	BlackRock Fund Advisors	on mkt buy	3.98	ORD	98,170	98,170
11-Jun-18	BlackRock Fund Advisors	on mkt buy	3.97	ORD	1,309	1,309
11-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-71,304	-71,304
12-Jun-18	BlackRock Fund Advisors	on mkt buy	3.96	ORD	3,072	3,072
12-Jun-18	BlackRock Fund Advisors	on mkt buy	3.98	ORD	6,527	6,527
13-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	3.96	ORD	-63,416	-63,416
14-Jun-18	BlackRock Fund Advisors	on mkt buy	3.97	ORD	1,768	1,768
14-Jun-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.95	ORD	-13,756	-13,756
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD	1,872	1,872
15-Jun-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.96	ORD	-92,485	-92,485
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	1,696	1,696
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	59,128	59,128
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.98	ORD	-4,854	-4,854
19-Jun-18	BlackRock Fund Advisors	on mkt sell	3.98	ORD	-31,642	-31,642
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-23,450	-23,450
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-89,130	-89,130
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.02	ORD	-18,491	-18,491
21-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-1,178	-1,178
22-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-59,420	-59,420
25-Jun-18	BlackRock Fund Advisors	on mkt buy	4.09	ORD	3,513	3,513
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,710	1,710
26-Jun-18	BlackRock Fund Advisors	on mkt buy	4.05	ORD	768	768
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-23,768	-23,768
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	32,823	32,823
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.09	ORD	2,419	2,419

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-41,594	-41,594
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	32,823	32,823
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.04	ORD	27,609	27,609
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,870	1,870
02-Jul-18	BlackRock Asset Management Deutschland AG	on mkt sell	4.07	ORD	-37,036	-37,036
02-Jul-18	BlackRock Fund Advisors	on mkt buy	4.07	ORD	680	680
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-41,594	-41,594
03-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-35,652	-35,652
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	32,823	32,823
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-9,948	-9,948
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.17	ORD	43,969	43,969
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	65,646	65,646
09-Jul-18	BlackRock Fund Advisors	on mkt buy	4.15	ORD	935	935
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.05	ORD	62,549	62,549
10-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	112,688	112,688
11-Jul-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.97	ORD	-18,513	-18,513
11-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-17,826	-17,826
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-25,758	-25,758
16-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.02	ORD	2,415	2,415
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	36,647	36,647
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.97	ORD	-63,380	-63,380
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	3.94	ORD	-31,789	-31,789
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-65,646	-65,646
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-35,652	-35,652
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,632	6,632
23-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-14,335	-14,335
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	19,896	19,896
26-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.96	ORD	16,189	16,189
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	31,848	31,848
30-Jul-18	BlackRock Asset Management Deutschland AG	on mkt buy	3.96	ORD	18,234	18,234
30-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.94	ORD	2,415	2,415
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	31,837	31,837

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,169	1,169
31-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-1,337	-1,337
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD	1,606	1,606
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,336	1,336
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,365	7,365
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	9,820	9,820
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-6,632	-6,632
03-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-5,675	-5,675
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,365	7,365
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-26,528	-26,528
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-6,632	-6,632
07-Aug-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.98	ORD	-18,489	-18,489
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	31,881	31,881
07-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-71,304	-71,304
07-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-9,948	-9,948
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.09	ORD	2,415	2,415
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-6,632	-6,632
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-23,212	-23,212
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-25,758	-25,758
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,670	1,670
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	5,675	5,675
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-23,768	-23,768
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,340	3,340
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-65,646	-65,646
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.17	ORD	7,245	7,245
15-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	9,948	9,948
16-Aug-18	BlackRock Fund Advisors	on mkt buy	4.14	ORD	1,380	1,380
16-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.16	ORD	2,317	2,317
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD	803	803
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD	63,810	63,810
17-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-41,594	-41,594
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	4.34	ORD	-31,905	-31,905

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	on mkt buy	4.25	ORD	2,415	2,415
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-65,646	-65,646
30-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-36,476	-36,476
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	ORD	-30,919	-30,919
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.06	ORD	18,623	18,623
05-Sep-18	BlackRock Fund Advisors	on mkt buy	4.09	ORD	705	705
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,175	4,175
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-6,524	-6,524
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-3,701	-3,701
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.08	ORD	-95,715	-95,715
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,670	1,670
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	10,802	10,802
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	8,347	8,347
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	32,824	32,824
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD	1,324	1,324
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,004	2,004
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	229,768	229,768
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-9,948	-9,948
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-26,528	-26,528
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	65,648	65,648
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	131,296	131,296
12-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.07	ORD	-17,555	-17,555
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-29,844	-29,844
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD	-1,606	-1,606
14-Sep-18	BlackRock Asset Management Deutschland AG	on mkt sell	4.05	ORD	-16,949	-16,949
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	3,701	3,701
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	6,524	6,524
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-17,826	-17,826
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-6,632	-6,632
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.08	ORD	-3,212	-3,212
18-Sep-18	BlackRock Fund Advisors	on mkt buy	4.10	ORD	1,995	1,995
18-Sep-18	BlackRock Fund Advisors	on mkt buy	4.10	ORD	6,773	6,773

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
20-Sep-18	BlackRock Fund Advisors	on mkt buy	4.08	ORD	6,179	6,179
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	4.03	ORD	-31,603	-31,603
21-Sep-18	BlackRock Asset Management Deutschland AG	on mkt sell	4.03	ORD	-18,541	-18,541
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	803	803
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03	ORD	29,797	29,797
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-19,896	-19,896
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	3.96	ORD	1,058	1,058
26-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	3.93	ORD	1,061	1,061
26-Sep-18	BlackRock Fund Advisors	on mkt sell	3.92	ORD	-6,795	-6,795
26-Sep-18	BlackRock Fund Advisors	on mkt sell	3.92	ORD	-157,629	-157,629
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	3.93	ORD	1,606	1,606
26-Sep-18	BlackRock (Netherlands) B.V.	on mkt buy	3.93	ORD	2,952	2,952
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.95	ORD	2,317	2,317
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,964	1,964
27-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	3.98	ORD	1,055	1,055
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,503	1,503
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-13,264	-13,264
28-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	4.02	ORD	351	351
28-Sep-18	BlackRock Fund Advisors	on mkt buy	4.03	ORD	4,000	4,000
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	18,167	18,167
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	7,365	7,365
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	-66,118	-66,118
01-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD	803	803
02-Oct-18	BlackRock Fund Advisors	on mkt buy	4.07	ORD	1,200	1,200
03-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-6,632	-6,632
04-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	4.04	ORD	35,000	35,000
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	1,986	1,986
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	2,415	2,415
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	12,766	12,766
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-33,059	-33,059
09-Oct-18	BlackRock Fund Advisors	on mkt buy	3.95	ORD	7,746	7,746
09-Oct-18	BlackRock Asset Management Deutschland AG	on mkt buy	3.99	ORD	29,891	29,891

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 Advisors (UK) Limited	on mkt buy	3.99	ORD	803	803
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	11,857	11,857
10-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-99,513	-99,513
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-1,834	-1,834
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-5,142	-5,142
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD	12,045	12,045
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	16,700	16,700
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-35,310	-35,310
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-13,264	-13,264
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	1,876	1,876
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-1,876	-1,876
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-19,844	-19,844
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	19,844	19,844
15-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD	31,605	31,605
15-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD	2,310	2,310
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	15,030	15,030
17-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD	1,606	1,606
18-Oct-18	BlackRock Fund Advisors	on mkt buy	3.92	ORD	1,716	1,716
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD	63,212	63,212
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD	31,606	31,606
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	1,834	1,834
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	5,142	5,142
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-9,948	-9,948
19-Oct-18	BlackRock Fund Advisors	on mkt buy	3.87	ORD	5,360	5,360
23-Oct-18	BlackRock Fund Advisors	on mkt buy	3.82	ORD	4,711	4,711
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.78	ORD	4,363	4,363
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.77	ORD	-3,364	-3,364
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.80	ORD	1,606	1,606
26-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-64,735	-64,735
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	3.72	ORD	31,616	31,616
29-Oct-18	BlackRock Fund Advisors	on mkt buy	3.75	ORD	10,171	10,171
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,674	3,674

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-33,324	-33,324
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,816	4,816
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD	-12,275	-12,275
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	31,618	31,618
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	3.91	ORD	-31,618	-31,618
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.85	ORD	-39,930	-39,930
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-66,648	-66,648
02-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD	2,970	2,970
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-47,200	-47,200
05-Nov-18	BlackRock Fund Advisors	on mkt sell	3.80	ORD	-1,689	-1,689
06-Nov-18	BlackRock Fund Advisors	on mkt buy	3.80	ORD	405	405
06-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.70	ORD	-9,480	-9,480
07-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-2,444	-2,444
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD	-31,624	-31,624
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-33,297	-33,297
09-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.82	ORD	51,006	51,006
09-Nov-18	BlackRock Fund Advisors	on mkt buy	3.81	ORD	11,654	11,654
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,440	3,440
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,720	1,720
13-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	28,788	28,788
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD	75,710	75,710
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD	803	803
14-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	2,444	2,444
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.76	ORD	2,970	2,970
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,602	4,602
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	3.67	ORD	803	803
19-Nov-18	BlackRock Fund Advisors	on mkt buy	3.67	ORD	18,513	18,513
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,770	1,770
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-23,212	-23,212
21-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-17,230	-17,230
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-14,675	-14,675
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-8,433	-8,433

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
27-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.58	ORD	3,300	3,300
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,488	1,488
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	-33,297	-33,297
28-Nov-18	BlackRock Fund Advisors	on mkt buy	3.59	ORD	59,274	59,274
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD	3,534	3,534
29-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.57	ORD	-2,370	-2,370
30-Nov-18	BlackRock Fund Advisors	on mkt sell	3.60	ORD	-1,740	-1,740
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.65	ORD	31,510	31,510
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	3.66	ORD	4,018	4,018
06-Dec-18	BlackRock Fund Advisors	on mkt buy	3.59	ORD	52,572	52,572
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	33,269	33,269
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.51	ORD	803	803
10-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	3.51	ORD	-10,164	-10,164
10-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.49	ORD	1,650	1,650
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.42	ORD	3,300	3,300
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	3.42	ORD	-4,740	-4,740
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	20,730	20,730
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,910	6,910
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	3.50	ORD	-75,943	-75,943
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.48	ORD	803	803
13-Dec-18	BlackRock Fund Advisors	on mkt buy	3.51	ORD	1,875	1,875
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.48	ORD	1,606	1,606
14-Dec-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.51	ORD	-37,799	-37,799
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD	31,627	31,627
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.53	ORD	31,628	31,628
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	13,820	13,820
18-Dec-18	BlackRock Fund Advisors	on mkt sell	3.43	ORD	-106,334	-106,334
18-Dec-18	BlackRock Fund Advisors	on mkt sell	3.43	ORD	-2,703	-2,703
18-Dec-18	BlackRock Fund Advisors	on mkt sell	3.43	ORD	-15,625	-15,625
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.43	ORD	803	803
18-Dec-18	BlackRock Fund Advisors	on mkt buy	3.43	ORD	84,136	84,136
19-Dec-18	BlackRock Asset Management Deutschland AG	on mkt sell	3.44	ORD	-18,501	-18,501



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 Fund Advisors	on mkt buy	3.45	ORD	600	600
19-Dec-18	BlackRock Fund Advisors	on mkt sell	3.44	ORD	-2,907	-2,907
19-Dec-18	BlackRock Fund Advisors	on mkt sell	3.44	ORD	-16,803	-16,803
19-Dec-18	BlackRock Fund Advisors	on mkt sell	3.44	ORD	-114,355	-114,355
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	3.51	ORD	31,630	31,630
21-Dec-18	BlackRock Fund Advisors	on mkt buy	3.50	ORD	2,063	2,063
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	3.42	ORD	4,308	4,308
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	9,700	9,700
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	-99,178	-99,178
24-Dec-18	BlackRock Fund Advisors	on mkt buy	3.46	ORD	1,905	1,905
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD	-32,779	-32,779
28-Dec-18	BlackRock Investment Management, LLC	on mkt buy	3.54	ORD	5,186	5,186
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-46,672	-46,672
03-Jan-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.48	ORD	37,000	37,000
03-Jan-19	BlackRock Fund Advisors	on mkt sell	3.48	ORD	-98,337	-98,337
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.48	ORD	803	803
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.48	ORD	1,606	1,606
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.48	ORD	1,606	1,606
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.48	ORD	31,620	31,620
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.45	ORD	-4,909	-4,909
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-29,170	-29,170
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	8,145	8,145
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	10,545	10,545
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	10,545	10,545
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,294	3,294
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,534	2,534
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	21,090	21,090
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	86,174	86,174
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	7,760	7,760
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	3.61	ORD	-4,015	-4,015
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-19,400	-19,400
18-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.63	ORD	34,720	34,720

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-8,730	-8,730
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ORD	-4,365	-4,365
25-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.64	ORD	1,974	1,974
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.75	ORD	5,264	5,264
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD	31,626	31,626
01-Feb-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.88	ORD	203,489	203,489
01-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD	803	803
01-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	105,642	105,642
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	3.88	ORD	-31,616	-31,616
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	58,600	58,600
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	99,620	99,620
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	64,460	64,460
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	65,558	65,558
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-21,090	-21,090
08-Feb-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.96	ORD	129,416	129,416
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	63,232	63,232
08-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	131,116	131,116
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD	803	803
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	32,779	32,779
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,296	4,296
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD	7,984	7,984
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	-10,545	-10,545
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-6,424	-6,424
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.81	ORD	8,030	8,030
19-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	46,880	46,880
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD	803	803
22-Feb-19	BlackRock Fund Advisors	on mkt buy	3.94	ORD	66,417	66,417
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.94	ORD	1,606	1,606
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	10,185	10,185
25-Feb-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.84	ORD	-333,198	-333,198
25-Feb-19	BlackRock Fund Advisors	on mkt buy	3.91	ORD	5,817	5,817
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.85	ORD	49,056	49,056

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25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD	11,640	11,640
26-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	202,114	202,114
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD	31,619	31,619
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD	4,015	4,015
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD	18,573	18,573
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	3.77	ORD	8,030	8,030
28-Feb-19	BlackRock Fund Advisors	on mkt buy	3.77	ORD	70,790	70,790
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.80	ORD	1,606	1,606
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD	803	803
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD	31,625	31,625
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	14,065	14,065
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	9,215	9,215
11-Mar-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.76	ORD	18,500	18,500
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	12,125	12,125
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,940	1,940
14-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.85	ORD	-37,002	-37,002
15-Mar-19	BlackRock Fund Advisors	on mkt buy	3.90	ORD	32,601	32,601
15-Mar-19	BlackRock Fund Advisors	on mkt buy	3.90	ORD	466,745	466,745
15-Mar-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.90	ORD	278,237	278,237
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	503,078	503,078
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD	18,872	18,872
15-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	3.90	ORD	3,339	3,339
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	803	803
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.90	ORD	-8,662	-8,662
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.90	ORD	-3,695	-3,695
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.86	ORD	13,218	13,218
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.86	ORD	6,877	6,877
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	26,675	26,675
18-Mar-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	466	466
18-Mar-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	20,354	20,354
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD	10,235	10,235
18-Mar-19	BlackRock Fund Advisors	on mkt buy	3.83	ORD	427	427

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18-Mar-19	BlackRock Fund Advisors	on mkt buy	3.83	ORD	18,626	18,626
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD	9,367	9,367
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD	34,272	34,272
19-Mar-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	61	61
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD	30	30
19-Mar-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	1	1
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	ORD	3,290	3,290
19-Mar-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	231	231
19-Mar-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	10,065	10,065
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD	5,062	5,062
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,700	2,700
20-Mar-19	BlackRock Fund Advisors	on mkt sell	3.84	ORD	-48,477	-48,477
20-Mar-19	BlackRock Fund Advisors	on mkt sell	3.84	ORD	-4,466	-4,466
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,400	19,400
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	84,434	84,434
22-Mar-19	BlackRock Fund Advisors	on mkt buy	3.87	ORD	448	448
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD	68,822	68,822
25-Mar-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD	2,013	2,013
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	17,460	17,460
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	6,305	6,305
26-Mar-19	BlackRock Fund Advisors	on mkt buy	3.76	ORD	1,341	1,341
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.80	ORD	44,125	44,125
28-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.80	ORD	-100,810	-100,810
28-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	60,310	60,310
29-Mar-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.87	ORD	-225,324	-225,324
29-Mar-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	2,814	2,814
29-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD	803	803
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.87	ORD	89,184	89,184
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,600	3,600
02-Apr-19	BlackRock Fund Advisors	on mkt buy	3.81	ORD	1,482	1,482
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,800	1,800
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD	65,706	65,706

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy 3.92	ORD 1,645	1,645
04-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell 3.93	ORD -34,667	-34,667
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy 3.94	ORD 2,632	2,632
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy 3.94	ORD 8,913	8,913
05-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 42,217	42,217
05-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 48,248	48,248
05-Apr-19	BlackRock Asset Management Canada Limited	in specie n/a	ORD 50,287	50,287
08-Apr-19	BlackRock Fund Advisors	on mkt buy 3.94	ORD 4,357	4,357
08-Apr-19	BlackRock Fund Advisors	on mkt sell 3.95	ORD -98,754	-98,754
08-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 2,160	2,160
08-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 16,975	16,975
08-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD -131,672	-131,672
09-Apr-19	BlackRock Fund Advisors	on mkt buy 4.03	ORD 951	951
09-Apr-19	BlackRock Fund Advisors	on mkt buy 4.03	ORD 23,882	23,882
09-Apr-19	BlackRock Fund Advisors	on mkt buy 4.03	ORD 37,922	37,922
09-Apr-19	BlackRock Asset Management Deutschland AG	on mkt buy 4.03	ORD 30,685	30,685
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy 4.03	ORD 987	987
10-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD -66,632	-66,632
11-Apr-19	BlackRock Fund Advisors	on mkt buy 3.97	ORD 2,264	2,264
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell 3.99	ORD -69,310	-69,310
12-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 14,268	14,268
12-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 133,420	133,420
12-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 66,710	66,710
15-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy 4.00	ORD 5,830	5,830
16-Apr-19	BlackRock Fund Advisors	in specie n/a	ORD 19,680	19,680
17-Apr-19	BlackRock Fund Advisors	on mkt buy 4.02	ORD 77,518	77,518
17-Apr-19	BlackRock Fund Advisors	on mkt buy 4.02	ORD 11,000	11,000
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy 4.03	ORD 34,651	34,651
18-Apr-19	BlackRock Fund Advisors	on mkt buy 4.03	ORD 3,003	3,003
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy 4.04	ORD 34,655	34,655
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie n/a	ORD 71,796	71,796
23-Apr-19	BlackRock Fund Advisors	on mkt buy 4.04	ORD 3,118	3,118

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23-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,600	3,600
24-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	17,682	17,682
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD	2,632	2,632
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,340	2,340
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD	20,706	20,706
26-Apr-19	BlackRock Fund Advisors	on mkt sell	4.05	ORD	-100,353	-100,353
26-Apr-19	BlackRock Fund Advisors	on mkt buy	4.05	ORD	48,103	48,103
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	ORD	15,776	15,776
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.06	ORD	1,316	1,316
02-May-19	BlackRock Fund Advisors	on mkt buy	3.96	ORD	69,838	69,838
02-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD	803	803
03-May-19	BlackRock Fund Advisors	on mkt buy	3.92	ORD	1,920	1,920
06-May-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.84	ORD	20,324	20,324
07-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,647	3,647
07-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	6,252	6,252
08-May-19	BlackRock Fund Advisors	on mkt buy	3.88	ORD	50,710	50,710
08-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,671	4,671
13-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	6,252	6,252
14-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,980	1,980
15-May-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.85	ORD	20,328	20,328
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.85	ORD	-34,661	-34,661
15-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	7,845	7,845
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	ORD	90,580	90,580
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	ORD	-90,580	-90,580
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.84	ORD	59,820	59,820
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD	803	803
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.82	ORD	803	803
22-May-19	BlackRock Fund Advisors	on mkt sell	3.82	ORD	-9,034	-9,034
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.82	ORD	46,823	46,823
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	3.82	ORD	-46,823	-46,823
22-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	7,935	7,935
22-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	15,870	15,870

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22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	49,172	49,172
23-May-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	29,981	29,981
23-May-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	95,515	95,515
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.83	ORD	-4,148	-4,148
23-May-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	104,300	104,300
23-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	34,448	34,448
24-May-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	34,448	34,448
24-May-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	75,612	75,612
24-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.84	ORD	5,880	5,880
28-May-19	BlackRock Fund Advisors	on mkt buy	3.81	ORD	49,947	49,947
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.81	ORD	1,257	1,257
29-May-19	BlackRock Fund Advisors	on mkt buy	3.83	ORD	92,880	92,880
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	3.83	ORD	-35,001	-35,001
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD	1,606	1,606
29-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	34,448	34,448
30-May-19	BlackRock Fund Advisors	on mkt buy	3.78	ORD	48,735	48,735
30-May-19	BlackRock Fund Advisors	in specie	n/a	ORD	23,112	23,112
31-May-19	BlackRock Fund Advisors	on mkt buy	3.78	ORD	3,150	3,150
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.72	ORD	-129,616	-129,616
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.72	ORD	-14,645	-14,645
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD	12,259	12,259
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD	-35,005	-35,005
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.79	ORD	2,409	2,409
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.75	ORD	43,546	43,546
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	3.75	ORD	-118,291	-118,291
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD	-5,330	-5,330
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	14,277	14,277
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.79	ORD	22,979	22,979
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.79	ORD	6,427	6,427
14-Jun-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.78	ORD	-31,657	-31,657
17-Jun-19	BlackRock Fund Advisors	on mkt sell	3.78	ORD	-4,935	-4,935
17-Jun-19	BlackRock Fund Advisors	on mkt sell	3.78	ORD	-31,387	-31,387

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18-Jun-19	BlackRock Fund Advisors	on mkt sell	3.78	ORD	-2,537	-2,537
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.81	ORD	2,303	2,303
21-Jun-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD	116,302	116,302
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.79	ORD	7,000	7,000
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD	5,600	5,600
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,675	3,675
25-Jun-19	BlackRock Fund Advisors	on mkt buy	3.81	ORD	804	804
25-Jun-19	BlackRock Fund Advisors	on mkt buy	3.81	ORD	2,256	2,256
25-Jun-19	BlackRock Fund Advisors	on mkt buy	3.83	ORD	34,002	34,002
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	3.83	ORD	803	803
26-Jun-19	BlackRock Fund Advisors	on mkt buy	3.81	ORD	1,060	1,060
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.77	ORD	-18,055	-18,055
27-Jun-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD	45,720	45,720
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.80	ORD	3,824	3,824
28-Jun-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD	388	388
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.75	ORD	-13,566	-13,566
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,275	2,275
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD	2,409	2,409
03-Jul-19	BlackRock Fund Advisors	on mkt buy	3.80	ORD	1,095	1,095
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.81	ORD	-34,329	-34,329
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-10,973	-10,973
04-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.84	ORD	-34,333	-34,333
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.84	ORD	19,364	19,364
05-Jul-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	34,002	34,002
05-Jul-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.85	ORD	29,327	29,327
08-Jul-19	BlackRock Fund Advisors	on mkt buy	3.85	ORD	840	840
08-Jul-19	BlackRock Fund Advisors	on mkt buy	3.89	ORD	61,081	61,081
09-Jul-19	BlackRock Fund Advisors	on mkt buy	3.89	ORD	2,742	2,742
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-19,766	-19,766
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	3,948	3,948
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD	-34,320	-34,320
16-Jul-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD	14,057	14,057



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16-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD	5,425	5,425
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.97	ORD	-4,015	-4,015
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.95	ORD	-2,320	-2,320
18-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD	204,264	204,264
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD	-34,313	-34,313
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,160	2,160
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD	803	803
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	2,303	2,303
25-Jul-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD	14,902	14,902
25-Jul-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD	53,186	53,186
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	34,318	34,318
29-Jul-19	BlackRock Asset Management Deutschland AG	on mkt buy	4.00	ORD	20,293	20,293
31-Jul-19	BlackRock Fund Advisors	on mkt buy	3.99	ORD	503	503
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD	803	803
01-Aug-19	BlackRock Fund Advisors	on mkt buy	4.04	ORD	34,044	34,044
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD	34,317	34,317
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	34,317	34,317
02-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	30,790	30,790
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD	34,314	34,314
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD	1,606	1,606
06-Aug-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.88	ORD	20,302	20,302
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	ORD	2,303	2,303
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	34,314	34,314
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD	2,632	2,632
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD	29,894	29,894
12-Aug-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.89	ORD	20,306	20,306
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	-34,044	-34,044
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD	28,686	28,686
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,584	1,584
19-Aug-19	BlackRock Fund Advisors	on mkt buy	3.89	ORD	642	642
19-Aug-19	BlackRock Fund Advisors	on mkt buy	3.87	ORD	71,135	71,135
19-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.87	ORD	1,606	1,606

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD	2,632	2,632
20-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	-34,044	-34,044
21-Aug-19	BlackRock Fund Advisors	on mkt buy	3.91	ORD	65,121	65,121
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD	987	987
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	1,645	1,645
26-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	3.89	ORD	94,034	94,034
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89	ORD	41,374	41,374
27-Aug-19	BlackRock Fund Advisors	on mkt sell	3.89	ORD	-68,088	-68,088
27-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	-43,498	-43,498
29-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	-238,308	-238,308
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,048	4,048
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	-143,428	-143,428
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	-43,652	-43,652
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	ORD	1,974	1,974
04-Sep-19	BlackRock Fund Advisors	on mkt buy	3.84	ORD	641	641
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	-34,044	-34,044
05-Sep-19	BlackRock Fund Advisors	on mkt sell	3.86	ORD	-3,404	-3,404
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	3.90	ORD	-9,636	-9,636
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,520	3,520
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,112	2,112
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	3,948	3,948
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	3.91	ORD	-4,818	-4,818
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,816	2,816
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-107,269	-107,269
10-Sep-19	BlackRock Asset Management Deutschland AG	on mkt sell	4.00	ORD	-40,636	-40,636
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.00	ORD	2,632	2,632
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	3,168	3,168
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD	-56,736	-56,736
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,232	1,232
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	-33,989	-33,989
13-Sep-19	BlackRock Fund Advisors	on mkt buy	4.06	ORD	638	638
13-Sep-19	BlackRock Asset Management Deutschland AG	on mkt sell	4.09	ORD	-15,079	-15,079

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,232	1,232
16-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	4.08	ORD	-165	-165
17-Sep-19	BlackRock Fund Advisors	on mkt buy	4.07	ORD	3,553	3,553
18-Sep-19	BlackRock Fund Advisors	on mkt sell	3.98	ORD	-508	-508
19-Sep-19	BlackRock Fund Advisors	on mkt buy	3.96	ORD	3,158	3,158
19-Sep-19	BlackRock Fund Advisors	on mkt sell	3.96	ORD	-7,546	-7,546
20-Sep-19	BlackRock Fund Advisors	on mkt sell	4.01	ORD	-79,409	-79,409
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	2,303	2,303
23-Sep-19	BlackRock Fund Advisors	on mkt buy	4.00	ORD	5,072	5,072
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.00	ORD	-5,347	-5,347
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.00	ORD	-74,265	-74,265
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.01	ORD	-1,344	-1,344
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.01	ORD	-18,656	-18,656
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,688	1,688
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	2,961	2,961
30-Sep-19	BlackRock Fund Advisors	on mkt buy	4.03	ORD	988	988
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.01	ORD	-41,358	-41,358
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.01	ORD	803	803
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	3,290	3,290
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.02	ORD	-34,540	-34,540
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.02	ORD	329	329
02-Oct-19	BlackRock Fund Advisors	on mkt buy	4.01	ORD	981	981
02-Oct-19	BlackRock Fund Advisors	on mkt buy	4.01	ORD	3,191	3,191
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	3.99	ORD	-34,539	-34,539
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	3.92	ORD	-138,148	-138,148
04-Oct-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD	34,231	34,231
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD	9,212	9,212
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	-2,112	-2,112
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	3.96	ORD	803	803
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,642	4,642
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-5,239	-5,239
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	59,844	59,844

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
08-Oct-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD	622	622
08-Oct-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD	4,280	4,280
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD	60,375	60,375
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD	7,567	7,567
10-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	3.92	ORD	26,293	26,293
11-Oct-19	BlackRock Fund Advisors	on mkt sell	3.94	ORD	-1,015	-1,015
11-Oct-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.95	ORD	24,377	24,377
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	-43,512	-43,512
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,220	4,220
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,220	4,220
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	8,440	8,440
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	ORD	17,600	17,600
14-Oct-19	BlackRock Fund Advisors	on mkt sell	3.98	ORD	-4,483	-4,483
15-Oct-19	BlackRock Fund Advisors	on mkt buy	4.00	ORD	3,318	3,318
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD	803	803
15-Oct-19	BlackRock Fund Advisors	on mkt sell	4.00	ORD	-5,000	-5,000
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	984	984
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.94	ORD	-12,079	-12,079
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD	1,640	1,640
22-Oct-19	BlackRock Fund Advisors	on mkt buy	3.95	ORD	3,776	3,776
24-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.96	ORD	-7,035	-7,035
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-31,859	-31,859
25-Oct-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.90	ORD	20,357	20,357
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.91	ORD	-9,989	-9,989
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.90	ORD	1,968	1,968
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	3.91	ORD	803	803
01-Nov-19	BlackRock Fund Advisors	on mkt buy	3.86	ORD	656	656
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,660	2,660
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,220	19,220
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	ORD	1,968	1,968
05-Nov-19	BlackRock Fund Advisors	on mkt buy	3.92	ORD	825	825
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	2,624	2,624

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05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	-34,412	-34,412
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	87,024	87,024
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	13,375	13,375
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.87	ORD	34,486	34,486
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	4,232	4,232
08-Nov-19	BlackRock Fund Advisors	on mkt buy	3.89	ORD	137,648	137,648
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	10,580	10,580
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	68,824	68,824
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	74,592	74,592
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	62,160	62,160
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-33,289	-33,289
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-46,922	-46,922
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	18,315	18,315
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD	656	656
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	31,080	31,080
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,080	19,080
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD	34,894	34,894
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	8,130	8,130
13-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.85	ORD	803	803
14-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.88	ORD	20,385	20,385
14-Nov-19	BlackRock Fund Advisors	on mkt buy	3.88	ORD	34,412	34,412
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	ORD	1,968	1,968
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD	8,030	8,030
14-Nov-19	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-2,585	-2,585
15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	ORD	2,624	2,624
18-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	5,510	5,510
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	3.87	ORD	-32,990	-32,990
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD	2,624	2,624
19-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	16,960	16,960
19-Nov-19	BlackRock Fund Advisors	on mkt buy	3.91	ORD	69,541	69,541
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	803	803
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	803	803

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20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.86	ORD	2,624	2,624
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	1,056	1,056
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	131,061	131,061
21-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.88	ORD	20,385	20,385
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD	69,786	69,786
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD	1,312	1,312
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	12,482	12,482
22-Nov-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.89	ORD	20,383	20,383
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	6,890	6,890
25-Nov-19	BlackRock Fund Advisors	on mkt sell	3.88	ORD	-34,412	-34,412
26-Nov-19	BlackRock Fund Advisors	on mkt sell	3.95	ORD	-15,849	-15,849
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD	2,499	2,499
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,120	19,120
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	-34,412	-34,412
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	38,240	38,240
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,120	19,120
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	8,480	8,480
28-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.00	ORD	34,887	34,887
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.01	ORD	2,624	2,624
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00	ORD	-7,382	-7,382
29-Nov-19	BlackRock Fund Advisors	in specie	n/a	ORD	15,304	15,304
02-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.92	ORD	4,434	4,434
02-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-191,044	-191,044
03-Dec-19	BlackRock Fund Advisors	on mkt sell	3.89	ORD	-68,824	-68,824
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.84	ORD	6,660	6,660
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	19,210	19,210
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD	328	328
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.92	ORD	34,887	34,887
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	3.92	ORD	-104,661	-104,661
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD	1,968	1,968
04-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	7,686	7,686
04-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	15,372	15,372

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05-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	15,372	15,372
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.90	ORD	1,312	1,312
09-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	ORD	3,280	3,280
09-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	11,529	11,529
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	158,511	158,511
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-158,511	-158,511
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.88	ORD	3,936	3,936
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	3.90	ORD	-34,883	-34,883
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	139,532	139,532
10-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	23,058	23,058
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	3.86	ORD	-29,981	-29,981
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.88	ORD	824	824
11-Dec-19	BlackRock Asset Management North Asia Limited	in specie	n/a	ORD	-3,229	-3,229
12-Dec-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	18,703	18,703
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.90	ORD	40,617	40,617
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.90	ORD	34,539	34,539
12-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.87	ORD	4,264	4,264
13-Dec-19	BlackRock Asset Management Deutschland AG	on mkt sell	3.88	ORD	-10,345	-10,345
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD	7,570	7,570
13-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	-34,412	-34,412
16-Dec-19	BlackRock Fund Advisors	on mkt sell	3.90	ORD	-265	-265
16-Dec-19	BlackRock Fund Advisors	on mkt sell	3.90	ORD	-7,747	-7,747
16-Dec-19	BlackRock Fund Advisors	on mkt sell	3.90	ORD	-3,680	-3,680
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	3.88	ORD	16,619	16,619
17-Dec-19	BlackRock Fund Advisors	on mkt sell	3.95	ORD	-1,254	-1,254
17-Dec-19	BlackRock Fund Advisors	on mkt sell	3.95	ORD	-36,733	-36,733
17-Dec-19	BlackRock Fund Advisors	on mkt sell	3.95	ORD	-17,451	-17,451
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.95	ORD	1,648	1,648
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.99	ORD	3,280	3,280
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	3.95	ORD	-34,542	-34,542
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	3.94	ORD	-69,080	-69,080
18-Dec-19	BlackRock Fund Advisors	on mkt buy	3.94	ORD	3,425	3,425

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
19-Dec-19	BlackRock Asset Management Deutschland AG	on mkt buy	3.98	ORD	20,133	20,133
20-Dec-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD	43,923	43,923
20-Dec-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD	14,180	14,180
20-Dec-19	BlackRock Asset Management North Asia Limited	on mkt sell	3.97	ORD	-911	-911
20-Dec-19	BlackRock Fund Advisors	on mkt buy	3.97	ORD	734	734
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.97	ORD	18,100	18,100
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	3.95	ORD	-4,414	-4,414
23-Dec-19	BlackRock Fund Advisors	on mkt buy	4.01	ORD	20,880	20,880
23-Dec-19	BlackRock Fund Advisors	on mkt buy	4.01	ORD	6,741	6,741
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	34,580	34,580
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.02	ORD	1,648	1,648
23-Dec-19	BlackRock Fund Advisors	on mkt buy	4.02	ORD	3,458	3,458
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	27,961	27,961
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	61,710	61,710
24-Dec-19	BlackRock Fund Advisors	on mkt buy	4.00	ORD	25,176	25,176
24-Dec-19	BlackRock Fund Advisors	on mkt buy	4.00	ORD	8,127	8,127
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	12,558	12,558
24-Dec-19	BlackRock Fund Advisors	on mkt buy	4.00	ORD	824	824
24-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.95	ORD	656	656
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	49,368	49,368
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	49,368	49,368
27-Dec-19	BlackRock Fund Advisors	on mkt buy	3.99	ORD	6,089	6,089
27-Dec-19	BlackRock Fund Advisors	on mkt buy	3.99	ORD	1,966	1,966
27-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.96	ORD	1,968	1,968
30-Dec-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD	17,315	17,315
30-Dec-19	BlackRock Fund Advisors	on mkt buy	3.98	ORD	5,590	5,590
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD	34,593	34,593
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD	824	824
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD	824	824
30-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD	2,217	2,217
31-Dec-19	BlackRock Fund Advisors	on mkt buy	3.99	ORD	5,927	5,927
31-Dec-19	BlackRock Fund Advisors	on mkt buy	3.99	ORD	1,913	1,913



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
31-Dec-19	BlackRock Fund Advisors	in specie	n/a	ORD	74,052	74,052
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD	2,952	2,952
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.80	ORD	656	656
03-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	3.97	ORD	20,143	20,143
06-Jan-20	BlackRock Fund Advisors	on mkt buy	3.96	ORD	69,596	69,596
06-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	7,534	7,534
06-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	49,984	49,984
07-Jan-20	BlackRock Fund Advisors	on mkt buy	4.02	ORD	17,641	17,641
07-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD	824	824
07-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.04	ORD	-4,264	-4,264
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	137,456	137,456
08-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.04	ORD	40,286	40,286
08-Jan-20	BlackRock Fund Advisors	on mkt buy	4.02	ORD	52,234	52,234
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.04	ORD	69,176	69,176
08-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.04	ORD	-34,588	-34,588
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	4,200	4,200
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	15,072	15,072
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	56,232	56,232
09-Jan-20	BlackRock Fund Advisors	on mkt buy	4.07	ORD	53,950	53,950
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	34,585	34,585
09-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	1,648	1,648
09-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.11	ORD	-4,264	-4,264
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	43,736	43,736
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	49,984	49,984
10-Jan-20	BlackRock Fund Advisors	on mkt buy	4.09	ORD	29,329	29,329
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD	-34,582	-34,582
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD	-69,164	-69,164
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD	824	824
10-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.09	ORD	905	905
10-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	22,608	22,608
13-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.09	ORD	15,416	15,416
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	824	824

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD	34,581	34,581
14-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD	1,640	1,640
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	18,915	18,915
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	12,496	12,496
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	56,232	56,232
15-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.13	ORD	120,828	120,828
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.13	ORD	6,232	6,232
15-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.13	ORD	-34,588	-34,588
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	22,698	22,698
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	43,736	43,736
16-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.10	ORD	161,104	161,104
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	3,990	3,990
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD	-69,162	-69,162
16-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.13	ORD	3,280	3,280
16-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-1,537	-1,537
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	2,520	2,520
17-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.12	ORD	100,675	100,675
17-Jan-20	BlackRock Asset Management Deutschland AG	on mkt buy	4.12	ORD	140,945	140,945
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD	824	824
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD	2,472	2,472
17-Jan-20	BlackRock Fund Advisors	in specie	n/a	ORD	49,984	49,984

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BLACKROCK INSTITUTIONAL TRUST CO NA	MuSt Pan Asia LC		Goldman Sachs Intl
BLACKROCK INSTITUTIONAL TRUST CO NA	MuSt Pan Asia LC		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. APAC		JP Morgan
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. APAC		MERRILL LYNCH INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF PDEAR		CITBK
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF PDEAR		HSBBK