

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: SKY NETWORK TELEVISION LTD

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

Date of relevant event: 31 January 2017

Date this disclosure made: 02 February 2017

Date last disclosure made: 01 August 2016

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: 40,124,437
- (b) total in class: 389,139,785
- (c) total percentage held in class: 10.311%

For **last** disclosure,—

- (a) total number held in class: 36,222,477
- (b) total in class: 389,139,785
- (c) total percentage held in class: 9.308%

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: Contracts for Difference
- (b) details of derivative: [specify details required by instructions to this form]
 - Notional number of underlying shares: 89,055
 - 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: Kayla Mulvihill, Tel +1-302-797-6268, Email kayla.mcgrory@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, Kayla Mulvihill, 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.

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
	BlackRock (Netherlands) B.V.	ord	NZD	55,614		
BlackRock (Singapore) Limited	ord	NZD	16,987	0.004%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	ord	NZD	7,050,724	1.812%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	ord	NZD	198,387	0.051%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	ord	NZD	10,346,800	2.659%	subsidiary of BlackRock Inc.	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	ord	NZD	1,985	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	23,444	0.006%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	ord	NZD	17,483,219	4.493%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	CFD	NZD	85,831	0.022%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	ord	NZD	2,422,411	0.623%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	ord	AUD	594,591	0.153%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (Australia) Limited	ord	NZD	1,632	0.000%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	CFD	NZD	3,224	0.001%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	ord	NZD	1,787,593	0.459%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	ord	AUD	33,675	0.009%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	ord	NZD	18,320	0.005%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

SKY NETWORK TELEVISION LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01919	ord 21,883	21,883
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01919	ord 1,838	1,838
02-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 149,450	149,450
02-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 29,890	29,890
02-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 78,559	78,559
02-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ord 2,432	2,432
03-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.9	ord 14,198	14,198
03-Aug-16	BlackRock Fund Advisors	on mkt buy	4.96	ord 882	882
03-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 89,733	89,733
03-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	5.0483	ord -4,063	-4,063
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89315	ord 6,745	6,745
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89315	ord 414	414
04-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 36,258	36,258
05-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 59,822	59,822
05-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 89,733	89,733
05-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 19,437	19,437
08-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.99	ord 7,103	7,103
08-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 77,748	77,748
08-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -34,252	-34,252
09-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99147	CFD -960	-960
09-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 119,644	119,644
09-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.98	ord 21,757	21,757
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92537	ord 5,843	5,843
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92537	ord 624	624
10-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 29,911	29,911
10-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 36,258	36,258
12-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87089	ord 13,083	13,083
12-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87089	ord 854	854
12-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.87	ord 326,745	326,745
15-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86495	CFD -16,443	-16,443
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.83857	ord -26,382	-26,382
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.83857	ord -2,402	-2,402
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82796	ord 352	352
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82796	ord 880	880
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82796	ord 1,352	1,352
17-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.85696	CFD -3,239	-3,239

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
17-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 58,311	58,311
17-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 116,622	116,622
18-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 60,430	60,430
18-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	4.98 ord 36,704	36,704
19-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87381 CFD -4,600	-4,600
19-Aug-16	BlackRock Fund Advisors	on mkt buy	4.91 ord 1,815	1,815
19-Aug-16	BlackRock Fund Advisors	in specie	n/a ord -59,888	-59,888
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79567 ord -13,156	-13,156
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79567 ord -1,037	-1,037
22-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 19,437	19,437
22-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 36,258	36,258
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76192 CFD -1,520	-1,520
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76192 ord -26,113	-26,113
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76192 ord -2,060	-2,060
23-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 1,500	1,500
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.68222 ord -35,658	-35,658
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.68222 ord -2,807	-2,807
24-Aug-16	BlackRock Fund Advisors	in specie	n/a ord -89,832	-89,832
24-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.67 ord 21,821	21,821
24-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	4.67 ord -36,733	-36,733
25-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.69 ord 7,118	7,118
25-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 36,258	36,258
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82097 ord -32,157	-32,157
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82097 ord -2,596	-2,596
29-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74874 ord -4,253	-4,253
29-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74874 ord -343	-343
29-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.76 ord 51,368	51,368
29-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.76 ord 9,632	9,632
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74419 ord -17,157	-17,157
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74419 ord -1,407	-1,407
30-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.78 ord 7,121	7,121
30-Aug-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.78 ord 21,363	21,363
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75462 ord 1,352	1,352
30-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.75 ord 31,035	31,035
30-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.75 ord 5,819	5,819
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79233 ord 528	528
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ord 36,772	36,772
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ord 110,316	110,316
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.85 ord 201,155	201,155

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.85 ord 37,716	37,716
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86578 ord -13,129	-13,129
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86578 ord -492	-492
01-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 19,437	19,437
01-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 36,258	36,258
01-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	4.94 ord 36,802	36,802
01-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.83 ord 12,448	12,448
01-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.83 ord 2,334	2,334
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.94267 CFD -2,324	-2,324
02-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 48,344	48,344
02-Sep-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.94 ord -175,128	-175,128
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	4.95 ord -73,642	-73,642
02-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.95 ord 68,271	68,271
02-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.95 ord 12,801	12,801
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.96867 ord -10,933	-10,933
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.96867 ord -1,080	-1,080
05-Sep-16	BlackRock Fund Advisors	on mkt buy	4.98 ord 24,393	24,393
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99979 ord 1,584	1,584
05-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.97 ord 91,631	91,631
05-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.97 ord 17,181	17,181
06-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord -1,995	-1,995
06-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	5 ord 12,461	12,461
06-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	5 ord 2,336	2,336
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99091 ord -6,046	-6,046
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99091 ord -633	-633
07-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 19,767	19,767
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	5.03 ord 40,717	40,717
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	5.03 ord 7,635	7,635
08-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88245 CFD -13,442	-13,442
08-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.92 ord 42,846	42,846
08-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 42,301	42,301
08-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.86 ord 65,548	65,548
08-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.86 ord 12,290	12,290
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.83938 ord -5,780	-5,780
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83938 ord 1,352	1,352
09-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.85 ord 20,318	20,318

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.85 ord 3,810	3,810
12-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.76 ord 7,142	7,142
12-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.76 ord 7,142	7,142
12-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 39,534	39,534
12-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ord 37,088	37,088
12-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.75 ord 18,371	18,371
12-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.75 ord 3,445	3,445
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.72894 ord -419	-419
13-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 4,500	4,500
13-Sep-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.72 ord -11,125	-11,125
13-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.75 ord 30,652	30,652
13-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.75 ord 5,747	5,747
14-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.79 ord 7,145	7,145
14-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 30,215	30,215
14-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	4.79 ord -29,647	-29,647
14-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	4.79 ord -5,014	-5,014
14-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.77 ord 49,761	49,761
14-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.77 ord 9,330	9,330
15-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.91 ord 14,292	14,292
15-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 36,258	36,258
15-Sep-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.91 ord -43,686	-43,686
15-Sep-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.91 ord -21,843	-21,843
15-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.88 ord 50,344	50,344
15-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.88 ord 9,439	9,439
16-Sep-16	BlackRock Fund Advisors	on mkt buy	4.93 ord 97,043	97,043
16-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.93 ord 309,503	309,503
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	4.93 ord 381,956	381,956
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90351 ord -3,574	-3,574
16-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93 ord -5,552	-5,552
16-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.92 ord 55,920	55,920
16-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.92 ord 10,485	10,485
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87071 ord -3,578	-3,578
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87071 ord -251	-251
19-Sep-16	BlackRock Fund Advisors	on mkt sell	4.87 ord -746	-746
19-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	4.87 ord -6,962	-6,962
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86344 CFD -2,074	-2,074
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86344 ord -479	-479
20-Sep-16	BlackRock Fund Advisors	on mkt sell	4.9 ord -2,895	-2,895

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
20-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 63,624	63,624
20-Sep-16	BlackRock Fund Advisors	on mkt buy	4.88 ord 2,340	2,340
20-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 19,797	19,797
20-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ord 39,027	39,027
20-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	4.9 ord -27,002	-27,002
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91 ord 5,340	5,340
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.80096 ord -4,090	-4,090
21-Sep-16	BlackRock Fund Advisors	on mkt buy	4.85 ord 6,032	6,032
21-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	4.8 ord -39,026	-39,026
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82858 CFD -2,298	-2,298
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.83901 ord -50,845	-50,845
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81815 ord 35,297	35,297
23-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 42,301	42,301
23-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 72,516	72,516
26-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77336 CFD -5,717	-5,717
26-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.75 ord 21,447	21,447
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.75 ord -3,803	-3,803
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.75 ord -117	-117
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.78 ord -9,220	-9,220
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.77 ord -5,996	-5,996
26-Sep-16	BlackRock Fund Advisors	on mkt buy	4.79 ord 1,589	1,589
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.78 ord -140,780	-140,780
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.75 ord -58,057	-58,057
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.77 ord -91,549	-91,549
26-Sep-16	BlackRock Fund Advisors	on mkt sell	4.75 ord -1,794	-1,794
26-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.75 ord 23,222	23,222
27-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.7 ord 7,150	7,150
27-Sep-16	BlackRock Fund Advisors	on mkt buy	4.71 ord 2,683	2,683
27-Sep-16	BlackRock Fund Advisors	on mkt buy	4.7 ord 1,282	1,282
27-Sep-16	BlackRock Fund Advisors	on mkt buy	4.71 ord 1,376	1,376
27-Sep-16	BlackRock Fund Advisors	on mkt buy	4.7 ord 657	657
28-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71576 CFD -734	-734
28-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.7 ord 14,306	14,306
29-Sep-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.75 ord 14,302	14,302
29-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 59,040	59,040
30-Sep-16	BlackRock Fund Advisors	in specie	n/a ord -63,040	-63,040
30-Sep-16	BlackRock Fund Advisors	in specie	n/a ord 41,328	41,328
30-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87432 ord 1,408	1,408
04-Oct-16	BlackRock Fund Advisors	on mkt buy	5 ord 7,015	7,015
04-Oct-16	BlackRock Fund Advisors	on mkt buy	5 ord 2,155	2,155
05-Oct-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.97 ord 7,152	7,152
05-Oct-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.97 ord 23,230	23,230
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91951 ord 552	552
06-Oct-16	BlackRock Fund Advisors	in specie	n/a ord -253,280	-253,280
06-Oct-16	BlackRock Fund Advisors	in specie	n/a ord 5,925	5,925
07-Oct-16	BlackRock Fund Advisors	on mkt sell	4.84 ord -629	-629
07-Oct-16	BlackRock Fund Advisors	in specie	n/a ord 4,335	4,335

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
10-Oct-16	BlackRock Asset Management Deutschland AG	on mkt buy 4.84	ord 7,152	7,152
10-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 19,949	19,949
11-Oct-16	BlackRock Fund Advisors	on mkt buy 4.86	ord 1,118	1,118
11-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -20,037	-20,037
11-Oct-16	BlackRock Fund Advisors	on mkt buy 4.99	ord 5,904	5,904
11-Oct-16	BlackRock Fund Advisors	on mkt buy 4.99	ord 17,327	17,327
11-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy 4.98	ord 78,200	78,200
12-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -221,914	-221,914
12-Oct-16	BlackRock Fund Advisors	on mkt buy 4.86	ord 2,382	2,382
12-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy 4.88	ord 39,099	39,099
13-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -253,616	-253,616
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell 4.85036	ord -552	-552
14-Oct-16	BlackRock Fund Advisors	on mkt sell 4.83	ord -581	-581
14-Oct-16	BlackRock Fund Advisors	on mkt buy 4.83	ord 3,235	3,235
14-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 5,980	5,980
17-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -158,405	-158,405
17-Oct-16	BlackRock Fund Advisors	on mkt buy 4.81	ord 1,918	1,918
18-Oct-16	BlackRock Fund Advisors	on mkt buy 4.71	ord 3,898	3,898
18-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 47,232	47,232
19-Oct-16	BlackRock Fund Advisors	on mkt buy 4.76	ord 7,435	7,435
19-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell 4.76	ord -39,093	-39,093
20-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -40,306	-40,306
20-Oct-16	BlackRock Asset Management Deutschland AG	on mkt sell 4.78	ord -162,603	-162,603
21-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell 4.7835	CFD -9,634	-9,634
21-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 3,950	3,950
24-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 59,040	59,040
24-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy 4.76802	ord 528	528
25-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 9,875	9,875
25-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy 4.85	ord 39,100	39,100
26-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -126,724	-126,724
26-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 5,980	5,980
27-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell 4.78998	CFD -778	-778
27-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 1,957	1,957
28-Oct-16	BlackRock Asset Management Deutschland AG	on mkt buy 4.8	ord 7,108	7,108
28-Oct-16	BlackRock Fund Advisors	in specie n/a	ord -60,462	-60,462
28-Oct-16	BlackRock Fund Advisors	in specie n/a	ord 82,656	82,656
28-Oct-16	BlackRock Asset Management Deutschland AG	on mkt buy 4.8	ord 23,228	23,228
28-Oct-16	BlackRock Investment Management (UK) Limited	in specie n/a	ord 124,394	124,394
31-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy 4.60301	ord 2,516	2,516
01-Nov-16	BlackRock Fund Advisors	in specie n/a	ord -60,462	-60,462
01-Nov-16	BlackRock Advisors (UK) Limited	on mkt sell 4.5	ord -78,172	-78,172
03-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell 4.35513	CFD -788	-788
03-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell 4.39711	CFD -14	-14
03-Nov-16	BlackRock Fund Advisors	in specie n/a	ord -60,462	-60,462
04-Nov-16	BlackRock Fund Advisors	in specie n/a	ord -60,462	-60,462
07-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell 4.34762	CFD -3,395	-3,395
07-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt buy 4.36	CFD 12,441	12,441
07-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt buy 4.36	CFD 20,061	20,061

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
08-Nov-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.28 CFD 1,936	1,936
08-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.28 CFD 23,695	23,695
08-Nov-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.26 ord 23,375	23,375
08-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 23,616	23,616
08-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.28 CFD 16,283	16,283
08-Nov-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.28 CFD 1,288	1,288
09-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.21175 CFD -4,144	-4,144
09-Nov-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.17 ord 11,783	11,783
10-Nov-16	BlackRock Fund Advisors	in specie	n/a ord -95,043	-95,043
10-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 19,750	19,750
10-Nov-16	BlackRock Advisors (UK) Limited	on mkt buy	4.24 ord 69,655	69,655
11-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 126,724	126,724
11-Nov-16	BlackRock Fund Advisors	in specie	n/a ord -20,154	-20,154
14-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 3,256	3,256
15-Nov-16	BlackRock Fund Advisors	in specie	n/a ord -40,308	-40,308
15-Nov-16	BlackRock Fund Advisors	in specie	n/a ord -53,136	-53,136
15-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 1,470	1,470
16-Nov-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord 30,409	30,409
16-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 5,925	5,925
16-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 15,800	15,800
16-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 1,176	1,176
16-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 1,470	1,470
16-Nov-16	BlackRock Financial Management, Inc.	on mkt buy	4.38 ord 17,222	17,222
17-Nov-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord 15,655	15,655
17-Nov-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.44 ord 14,274	14,274
17-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 4,981	4,981
17-Nov-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.44 ord 80,192	80,192
17-Nov-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42789 ord -39,945	-39,945
17-Nov-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord -26,161	-26,161
18-Nov-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47368 ord -34,981	-34,981
18-Nov-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.51 ord 67,506	67,506
21-Nov-16	BlackRock Investment Management (UK) Limited	in specie	n/a ord 7,469	7,469
21-Nov-16	BlackRock Investment Management (UK) Limited	in specie	n/a ord -7,469	-7,469
21-Nov-16	BlackRock Investment Management (UK) Limited	on mkt buy	4.54 ord 62,302	62,302
23-Nov-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.6 ord 28,568	28,568
25-Nov-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.6 ord 7,146	7,146
25-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 2,637	2,637
29-Nov-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.83 ord 7,146	7,146
29-Nov-16	BlackRock Fund Advisors	in specie	n/a ord -20,154	-20,154
29-Nov-16	BlackRock Fund Advisors	in specie	n/a ord 2,344	2,344
30-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79 ord -7,856	-7,856

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
30-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.82 CFD -10,149	-10,149
30-Nov-16	BlackRock Fund Advisors	on mkt sell	4.79 ord -118	-118
30-Nov-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81 CFD -15,654	-15,654
01-Dec-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord 136,198	136,198
01-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 5,925	5,925
01-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 29,520	29,520
02-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 41,328	41,328
02-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 2,930	2,930
02-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 505	505
05-Dec-16	BlackRock Fund Advisors	in specie	n/a ord -20,152	-20,152
06-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59 CFD -9,558	-9,558
06-Dec-16	BlackRock Fund Advisors	on mkt buy	4.63 ord 1,197	1,197
06-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59 CFD -12,053	-12,053
07-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 CFD -16,429	-16,429
07-Dec-16	BlackRock Fund Advisors	in specie	n/a ord -20,152	-20,152
07-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 4,395	4,395
07-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 1,465	1,465
07-Dec-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68891 ord 1,408	1,408
07-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68 CFD -8,637	-8,637
09-Dec-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.8 ord 7,150	7,150
09-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 2,930	2,930
12-Dec-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91206 ord -10,568	-10,568
12-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 7,900	7,900
13-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 5,925	5,925
13-Dec-16	BlackRock Fund Advisors	in specie	n/a ord -20,152	-20,152
13-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 2,051	2,051
13-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 1,532	1,532
13-Dec-16	BlackRock Advisors (UK) Limited	on mkt sell	4.8 ord -39,407	-39,407
13-Dec-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81951 ord -31,525	-31,525
14-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 3,809	3,809
14-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 2,930	2,930
14-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 1,915	1,915
15-Dec-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10453 ord 14,121	14,121
15-Dec-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.1 ord -43,894	-43,894
16-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.14 CFD 6,758	6,758
16-Dec-16	BlackRock Fund Advisors	on mkt buy	4.08 ord 79,994	79,994
16-Dec-16	BlackRock Asset Management Canada Limited	on mkt buy	4.08 ord 1,398	1,398
16-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.13 CFD 4,378	4,378
19-Dec-16	BlackRock Investment Management (Australia) Limited	in specie	n/a ord 61,995	61,995
19-Dec-16	BlackRock Fund Advisors	in specie	n/a ord -63,488	-63,488
19-Dec-16	BlackRock Investment Management (Australia) Limited	on mkt buy	4.18228 ord 1,056	1,056
20-Dec-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord 29,343	29,343
20-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 7,900	7,900
20-Dec-16	BlackRock Fund Advisors	on mkt buy	4.15 ord 21,620	21,620

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
20-Dec-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.11 ord -46,236	-46,236
20-Dec-16	BlackRock Advisors (UK) Limited	on mkt buy	4.11 ord 38,786	38,786
20-Dec-16	BlackRock Investment Management (Australia) Limited	on mkt sell	4.1796 ord -62,437	-62,437
21-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.27 CFD 10,514	10,514
21-Dec-16	BlackRock Fund Advisors	on mkt sell	4.29 ord -36,216	-36,216
21-Dec-16	BlackRock Asset Management Deutschland AG	on mkt sell	4.29 ord -46,236	-46,236
21-Dec-16	BlackRock Advisors (UK) Limited	on mkt sell	4.29 ord -38,802	-38,802
21-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt buy	4.25 CFD 3,784	3,784
22-Dec-16	BlackRock Fund Advisors	on mkt sell	4.35 ord -1,700	-1,700
22-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 107,118	107,118
23-Dec-16	BlackRock Fund Advisors	on mkt buy	4.38 ord 697	697
23-Dec-16	BlackRock Fund Advisors	in specie	n/a ord -17,523	-17,523
23-Dec-16	BlackRock Fund Advisors	on mkt buy	4.38 ord 1,927	1,927
28-Dec-16	BlackRock Asset Management Deutschland AG	on mkt buy	4.5 ord 21,399	21,399
28-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 31,685	31,685
28-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 11,902	11,902
28-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 864	864
29-Dec-16	BlackRock Fund Advisors	on mkt buy	4.55 ord 648	648
29-Dec-16	BlackRock Fund Advisors	in specie	n/a ord 2,850	2,850
30-Dec-16	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55 ord -34,647	-34,647
04-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.64 ord 7,136	7,136
04-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 2,850	2,850
04-Jan-17	BlackRock Fund Advisors	on mkt buy	4.64 ord 12,128	12,128
05-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 3,990	3,990
05-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 3,420	3,420
05-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 872	872
06-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.62 ord 7,136	7,136
09-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.63 ord 7,136	7,136
10-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 3,064	3,064
11-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.53 ord 7,137	7,137
11-Jan-17	BlackRock Fund Advisors	on mkt buy	4.55 ord 1,080	1,080
11-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 47,608	47,608
11-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 3,705	3,705
12-Jan-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.5 CFD 9,291	9,291
12-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.5 ord 14,272	14,272
12-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 2,850	2,850
12-Jan-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.5 CFD 6,965	6,965
13-Jan-17	BlackRock Asset Management Deutschland AG	on mkt sell	4.56 ord -51,317	-51,317
13-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 4,275	4,275
13-Jan-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55 CFD 3,572	3,572
16-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.59 ord 14,104	14,104
16-Jan-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59 CFD 1,637	1,637
17-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.55 ord 7,052	7,052
18-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 4,275	4,275
19-Jan-17	BlackRock Fund Advisors	in specie	n/a ord 238,040	238,040

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
20-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.5	ord	14,108	14,108
20-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	-19,550	-19,550
20-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	136,873	136,873
20-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	404,668	404,668
20-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	35,706	35,706
23-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.5	ord	14,108	14,108
23-Jan-17	BlackRock Fund Advisors	on mkt buy	4.5	ord	20,943	20,943
23-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	2,850	2,850
23-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	5,985	5,985
23-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	5,130	5,130
24-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	3,420	3,420
24-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	2,565	2,565
24-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	1,308	1,308
24-Jan-17	BlackRock Advisors (UK) Limited	on mkt buy	4.51	ord	53,476	53,476
25-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	545	545
26-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	47,680	47,680
27-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.7	ord	28,220	28,220
27-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.7	ord	7,055	7,055
30-Jan-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	CFD	21,115	21,115
30-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.68	ord	14,112	14,112
30-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	19,550	19,550
30-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	-2,681	-2,681
31-Jan-17	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	CFD	17,817	17,817
31-Jan-17	BlackRock Asset Management Deutschland AG	on mkt buy	4.64	ord	7,057	7,057
31-Jan-17	BlackRock Fund Advisors	in specie	n/a	ord	41,720	41,720

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BlackRock Institutional Trust Company, National Association	Global Alpha Opportunities Master Fund Ltd		BOA-MERRILL LYNCH INTL
BlackRock Institutional Trust Company, National Association	Global Alpha Opportunities Master Fund Ltd		UBS SECURITIES LLC
BlackRock Institutional Trust Company, National Association	MuSt GL		CITI-CITIGROUP GLOBAL
BlackRock Institutional Trust Company, National Association	MuSt GL		DB-DEUTSCHE BANK
BlackRock Institutional Trust Company, National Association	MuSt GL		UBS SECURITIES LLC
BlackRock Investment Management (UK) Limited	Aberdeen UCITS		GOLDMAN SACHS INTL
BlackRock Investment Management (UK) Limited	LSMS Blackrock Global Equity Market Neutral Strategy		GOLDMAN SACHS INTL