

Disclosure of ceasing to have substantial holding

Section 279, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange
and

To: Sky Network Television Ltd

Date this disclosure made: 19 March 2019

Date last disclosure made: 20 March 2018

Date on which substantial holding ceased: 15 March 2019

Substantial product holder(s) giving disclosure

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

Summary of previous substantial holding

Class of quoted voting products: ordinary shares

Summary for: Product holders listed in Appendix A

For **last** disclosure,—

(a) total number held in class: 31,925,463

(b) total in class: 389,139,785

(c) total percentage held in class: 8.204%

For current holding **after** ceasing to have substantial holding,—

(a) total number held in class: 7,501,025

(b) total in class: 389,139,785

(c) total percentage held in class: 1.928%

Details of transactions and events giving rise to ceasing of substantial holding

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

Additional information

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

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

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

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Financial Markets Conduct Act 2013 in relation to the financial products to which this disclosure relates: Not Applicable

Certification

I, Maria Tricarico, certify that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.

Appendix A

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
BlackRock (Netherlands) B.V.	ORD	NZD	55,614	0.014%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	ORD	NZD	120,745	0.031%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	ORD	NZD	12,649	0.003%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	ORD	NZD	27,318	0.007%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	ORD	NZD	4,696,485	1.207%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	ORD	NZD	2,556,255	0.657%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
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	ORD	NZD	21,167	0.005%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Japan Co., Ltd.	ORD	NZD	9,160	0.002%	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
19-Mar-18	BlackRock Asset Management Deutschland AG	on mkt sell	2.32 ORD -194,328	-194,328
19-Mar-18	BlackRock Fund Advisors	on mkt buy	2.32 ORD 94,620	94,620
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD -1,691	-1,691
20-Mar-18	BlackRock Fund Advisors	on mkt buy	2.29 ORD 1,578	1,578
20-Mar-18	BlackRock Fund Advisors	on mkt buy	2.29 ORD 2,904	2,904
21-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -13,355	-13,355
21-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -11,383	-11,383
21-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -148,851	-148,851
21-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -3,718	-3,718
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -37,560	-37,560
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -46,572	-46,572
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -25,071	-25,071
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.41 CFD -125,656	-125,656
22-Mar-18	BlackRock Fund Advisors	on mkt sell	2.40 ORD -13,693	-13,693
22-Mar-18	BlackRock Fund Advisors	in specie	n/a ORD -22,052	-22,052
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.31 CFD -15,450	-15,450
23-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.32 CFD -45,000	-45,000
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 1,691	1,691
27-Mar-18	BlackRock Fund Advisors	on mkt buy	2.37 ORD 2,073	2,073
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	2.42 ORD 28,090	28,090
27-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a ORD 1,414	1,414
27-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a ORD -1,414	-1,414
27-Mar-18	BlackRock Fund Advisors	in specie	n/a ORD -1,026	-1,026
29-Mar-18	BlackRock Fund Advisors	in specie	n/a ORD 1,960	1,960
03-Apr-18	BlackRock Fund Advisors	on mkt buy	2.3 ORD 3,621	3,621
04-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD -22,052	-22,052
05-Apr-18	BlackRock Fund Advisors	on mkt buy	2.31 ORD 3,889	3,889
05-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD 3,080	3,080
05-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD 570	570
06-Apr-18	BlackRock Asset Management Deutschland AG	on mkt buy	2.35 ORD 90,921	90,921
09-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	2.38 CFD 4,211	4,211
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	2.39 ORD 167,742	167,742
09-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	2.40 CFD 135,447	135,447
10-Apr-18	BlackRock Fund Advisors	on mkt buy	2.43 ORD 3,672	3,672
10-Apr-18	BlackRock Fund Advisors	on mkt buy	2.43 ORD 7,299	7,299
10-Apr-18	BlackRock Fund Advisors	in specie	n/a ORD 3,070	3,070
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 7,188	7,188
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 3,844	3,844
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 5,305	5,305

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
11-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.39	CFD -1,729	-1,729
11-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.39	CFD -28,908	-28,908
12-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.32	CFD -2,482	-2,482
12-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.32	CFD -63,000	-63,000
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 66,735	66,735
13-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	2.32	CFD -43,539	-43,539
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	2.32	ORD 133,486	133,486
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	2.33	ORD 167,750	167,750
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	2.38	ORD 335,496	335,496
16-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 22,245	22,245
16-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -807	-807
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	2.38	ORD 113,036	113,036
17-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 456	456
17-Apr-18	BlackRock Investment Management (UK)	in specie	n/a	ORD -1,761	-1,761
19-Apr-18	BlackRock Asset Management Deutschland	on mkt sell	2.30	ORD -97,378	-97,378
19-Apr-18	BlackRock Fund Advisors	on mkt buy	2.30	ORD 2,622	2,622
19-Apr-18	BlackRock Investment Management (Australia)	on mkt buy	2.30	ORD 950	950
19-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -66,861	-66,861
20-Apr-18	BlackRock Fund Advisors	on mkt sell	2.27	ORD -13,370	-13,370
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 456	456
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,425	2,425
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 6,140	6,140
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,666	11,666
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -22,060	-22,060
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	2.25	ORD 83,870	83,870
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 12,280	12,280
25-Apr-18	BlackRock Institutional Trust Company,	in specie	n/a	ORD -3,613	-3,613
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 798	798
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 582	582
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD -66,180	-66,180
30-Apr-18	BlackRock Fund Advisors	on mkt buy	2.25	ORD 2,214	2,214
30-Apr-18	BlackRock Institutional Trust Company,	on mkt buy	2.26	CFD 2,970	2,970
30-Apr-18	BlackRock Institutional Trust Company,	on mkt buy	2.27	ORD 49,234	49,234
30-Apr-18	BlackRock Institutional Trust Company,	on mkt buy	2.27	CFD 109,469	109,469
30-Apr-18	BlackRock Fund Advisors	in specie	n/a	ORD 66,180	66,180
02-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 679	679
03-May-18	BlackRock Asset Management Deutschland	on mkt sell	2.25	ORD -48,919	-48,919
03-May-18	BlackRock Fund Advisors	on mkt buy	2.26	ORD 1,757	1,757
07-May-18	BlackRock Investment Management (Australia)	on mkt buy	2.24	ORD 1,900	1,900
09-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -5,856	-5,856
10-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 456	456
11-May-18	BlackRock Institutional Trust Company,	in specie	n/a	ORD 20,721	20,721
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	2.21	ORD 835	835
11-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,366	3,366
11-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 684	684
14-May-18	BlackRock Institutional Trust Company,	on mkt buy	2.18	CFD 1,372	1,372
14-May-18	BlackRock Institutional Trust Company,	on mkt buy	2.18	CFD 78,246	78,246
14-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,530	1,530
15-May-18	BlackRock Institutional Trust Company,	on mkt buy	2.20	CFD 53,859	53,859
15-May-18	BlackRock Institutional Trust Company,	on mkt buy	2.20	CFD 691	691
15-May-18	BlackRock Investment Management (UK)	in specie	n/a	ORD 5,856	5,856
16-May-18	BlackRock Institutional Trust Company,	on mkt buy	2.24	CFD 2,662	2,662
16-May-18	BlackRock Institutional Trust Company,	on mkt buy	2.27	CFD 34,192	34,192
17-May-18	BlackRock Advisors (UK) Limited	on mkt buy	2.35	ORD 84,279	84,279
17-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 456	456
18-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.33	CFD -4,213	-4,213
18-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.33	CFD -1,372	-1,372
18-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.34	CFD -53,613	-53,613
18-May-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,448	2,448

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
21-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.34	CFD	-33,227	-33,227
21-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.34	CFD	-2,110	-2,110
21-May-18	BlackRock Advisors (UK) Limited	on mkt sell	2.35	ORD	-168,508	-168,508
21-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.35	CFD	-112,684	-112,684
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-344	-344
23-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.37	CFD	-35,827	-35,827
25-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.41	CFD	-12,018	-12,018
25-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	456	456
29-May-18	BlackRock Fund Advisors	on mkt buy	2.39	ORD	2,622	2,622
30-May-18	BlackRock Investment Management (Australia)	on mkt buy	2.37	ORD	5,700	5,700
30-May-18	BlackRock Fund Advisors	in specie	n/a	ORD	456	456
31-May-18	BlackRock Institutional Trust Company,	on mkt sell	2.32	CFD	-28,397	-28,397
31-May-18	BlackRock Fund Advisors	on mkt sell	2.32	ORD	-20,512	-20,512
01-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	2.32	ORD	-168,448	-168,448
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	2.38	ORD	-105,878	-105,878
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	2.38	ORD	841	841
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	21,707	21,707
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,287	1,287
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	564	564
07-Jun-18	BlackRock Investment Management (Australia)	on mkt buy	2.33	ORD	950	950
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	658	658
12-Jun-18	BlackRock Fund Advisors	on mkt buy	2.47	ORD	27,313	27,313
13-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	2.45	ORD	-104,238	-104,238
14-Jun-18	BlackRock Fund Advisors	on mkt buy	2.45	ORD	4,418	4,418
14-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	2.46	ORD	-58,787	-58,787
14-Jun-18	BlackRock Asset Management Deutschland	on mkt sell	2.46	ORD	-36,359	-36,359
15-Jun-18	BlackRock Asset Management Deutschland	on mkt sell	2.44	ORD	-243,080	-243,080
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	2.45	ORD	-4,786	-4,786
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	2.44	ORD	1,678	1,678
19-Jun-18	BlackRock Fund Advisors	on mkt sell	2.44	ORD	-13,413	-13,413
19-Jun-18	BlackRock Fund Advisors	on mkt sell	2.44	ORD	-20,626	-20,626
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	-819	-819
20-Jun-18	BlackRock Fund Advisors	on mkt sell	2.35	ORD	-23,555	-23,555
21-Jun-18	BlackRock Fund Advisors	on mkt sell	2.41	ORD	-34,366	-34,366
21-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-425	-425
22-Jun-18	BlackRock Institutional Trust Company,	on mkt buy	2.45	CFD	76,176	76,176
22-Jun-18	BlackRock Institutional Trust Company,	on mkt buy	2.45	CFD	7,101	7,101
25-Jun-18	BlackRock Fund Advisors	on mkt buy	2.46	ORD	2,620	2,620
25-Jun-18	BlackRock Institutional Trust Company,	on mkt buy	2.51	CFD	65,287	65,287
25-Jun-18	BlackRock Institutional Trust Company,	on mkt buy	2.49	CFD	1,679	1,679
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,090	1,090
26-Jun-18	BlackRock Institutional Trust Company,	on mkt buy	2.51	CFD	1,996	1,996
26-Jun-18	BlackRock Fund Advisors	on mkt buy	2.51	ORD	2,752	2,752
26-Jun-18	BlackRock Institutional Trust Company,	on mkt buy	2.52	CFD	7,023	7,023
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	21,402	21,402
28-Jun-18	BlackRock Investment Management (Australia)	on mkt buy	2.56	ORD	950	950
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	21,402	21,402
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,199	1,199
02-Jul-18	BlackRock Asset Management Deutschland	on mkt sell	2.60	ORD	-97,284	-97,284
02-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.60	CFD	-7,023	-7,023
02-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.60	CFD	-2,735	-2,735
02-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.60	CFD	-36,866	-36,866
02-Jul-18	BlackRock Fund Advisors	on mkt buy	2.60	ORD	1,785	1,785
03-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.61	CFD	-37,731	-37,731
03-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.61	CFD	-3,638	-3,638
03-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.61	CFD	-39,310	-39,310
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	21,402	21,402
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-345	-345
06-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.74	CFD	-728	-728
06-Jul-18	BlackRock Fund Advisors	on mkt buy	2.73	ORD	2,482	2,482
06-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.74	CFD	-2,098	-2,098
06-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.75	CFD	-27,556	-27,556
06-Jul-18	BlackRock Institutional Trust Company,	on mkt buy	2.76	ORD	15,950	15,950
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	42,804	42,804

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09-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.66	CFD	-1,577	-1,577
11-Jul-18	BlackRock Asset Management Deutschland	on mkt sell	2.70	ORD	-48,639	-48,639
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-67,842	-67,842
16-Jul-18	BlackRock Investment Management (Australia)	on mkt buy	2.64	ORD	949	949
17-Jul-18	BlackRock Investment Management (Australia)	on mkt sell	2.61	ORD	-19,971	-19,971
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	2.60	ORD	96,529	96,529
18-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	2.60	ORD	-166,374	-166,374
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	2.60	ORD	-83,587	-83,587
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	-42,804	-42,804
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	230	230
23-Jul-18	BlackRock Investment Management (UK)	in specie	n/a	ORD	-8,622	-8,622
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	690	690
26-Jul-18	BlackRock Institutional Trust Company,	in specie	n/a	ORD	-11,544	-11,544
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	2.71	ORD	83,666	83,666
30-Jul-18	BlackRock Fund Advisors	on mkt buy	2.67	ORD	2,944	2,944
30-Jul-18	BlackRock Asset Management Deutschland	on mkt buy	2.65	ORD	47,117	47,117
30-Jul-18	BlackRock Investment Management (Australia)	on mkt buy	2.66	ORD	949	949
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	2.71	ORD	83,644	83,644
31-Jul-18	BlackRock Institutional Trust Company,	on mkt sell	2.71	ORD	-753	-753
31-Jul-18	BlackRock Fund Advisors	on mkt buy	2.71	ORD	20,231	20,231
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	ORD	749	749
31-Jul-18	BlackRock Investment Management (UK)	in specie	n/a	ORD	-753	-753
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	2.71	ORD	1,534	1,534
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	952	952
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,485	4,485
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,980	5,980
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-230	-230
03-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-3,261	-3,261
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	4,485	4,485
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-920	-920
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-230	-230
07-Aug-18	BlackRock Asset Management Deutschland	on mkt sell	2.65	ORD	-48,707	-48,707
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	2.65	ORD	83,717	83,717
07-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-345	-345
08-Aug-18	BlackRock Investment Management (Australia)	on mkt buy	2.66	ORD	949	949
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-230	-230
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-805	-805
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-68,026	-68,026
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,190	1,190
09-Aug-18	BlackRock Investment Management (UK)	in specie	n/a	ORD	3,261	3,261
09-Aug-18	BlackRock Institutional Trust Company,	in specie	n/a	ORD	-3,646	-3,646
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,380	2,380
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-42,804	-42,804
15-Aug-18	BlackRock Investment Management (Australia)	on mkt buy	2.55	ORD	2,847	2,847
15-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	345	345
16-Aug-18	BlackRock Fund Advisors	on mkt buy	2.53	ORD	907	907
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	2.64	ORD	767	767
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	2.64	ORD	167,578	167,578
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	2.63	ORD	-83,785	-83,785
24-Aug-18	BlackRock Investment Management (Australia)	on mkt buy	2.51	ORD	949	949
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-42,804	-42,804
30-Aug-18	BlackRock Fund Advisors	in specie	n/a	ORD	-1,265	-1,265
31-Aug-18	BlackRock Investment Management (UK)	on mkt sell	2.16	ORD	-52,748	-52,748
03-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD	-204,548	-204,548
05-Sep-18	BlackRock Fund Advisors	on mkt buy	2.25	ORD	1,950	1,950
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	2,975	2,975
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-2,345	-2,345
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-1,330	-1,330
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	2.12	ORD	-251,535	-251,535
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,190	1,190
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	6,578	6,578
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	5,083	5,083
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	21,402	21,402
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD	1,428	1,428

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 149,814	149,814
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -345	-345
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -920	-920
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 42,804	42,804
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 85,608	85,608
12-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	2.08	ORD -46,594	-46,594
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -1,035	-1,035
13-Sep-18	BlackRock Institutional Trust Company,	on mkt buy	2.10	CFD 20,627	20,627
13-Sep-18	BlackRock Institutional Trust Company,	on mkt buy	2.10	CFD 830	830
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	2.12	ORD -1,534	-1,534
14-Sep-18	BlackRock Asset Management Deutschland	on mkt sell	2.12	ORD -44,636	-44,636
14-Sep-18	BlackRock Investment Management (UK)	in specie	n/a	ORD 1,330	1,330
14-Sep-18	BlackRock Investment Management (UK)	in specie	n/a	ORD 2,345	2,345
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -230	-230
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	2.06	ORD -3,068	-3,068
18-Sep-18	BlackRock Fund Advisors	on mkt buy	2.12	ORD 3,330	3,330
18-Sep-18	BlackRock Fund Advisors	on mkt buy	2.12	ORD 4,015	4,015
20-Sep-18	BlackRock Fund Advisors	on mkt buy	2.12	ORD 4,027	4,027
20-Sep-18	BlackRock Institutional Trust Company,	on mkt buy	2.15	CFD 14,329	14,329
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	2.14	ORD -83,065	-83,065
21-Sep-18	BlackRock Asset Management Deutschland	on mkt sell	2.21	ORD -48,738	-48,738
21-Sep-18	BlackRock Institutional Trust Company,	on mkt buy	2.19	CFD 278	278
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	2.21	ORD 767	767
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -29,473	-29,473
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	2.21	ORD -340,987	-340,987
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -4,643	-4,643
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -66,236	-66,236
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -23,039	-23,039
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -39,407	-39,407
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -17,658	-17,658
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -138,922	-138,922
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -38,749	-38,749
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -1,330	-1,330
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -65,810	-65,810
21-Sep-18	BlackRock Asset Management North Asia	on mkt sell	2.21	ORD -273	-273
21-Sep-18	BlackRock Investment Management (UK)	on mkt sell	2.21	ORD -164,428	-164,428
21-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.21	ORD -2,729	-2,729
21-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.21	ORD -103,602	-103,602
21-Sep-18	BlackRock Asset Management North Asia	on mkt sell	2.21	ORD -1,985	-1,985
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -5,670	-5,670
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -62,257	-62,257
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -12,662	-12,662
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -139,023	-139,023
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -5,291	-5,291
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -58,118	-58,118
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -5,908	-5,908
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -64,845	-64,845
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -3,195	-3,195
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -35,100	-35,100
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -3,957	-3,957
21-Sep-18	BlackRock Investment Management (Australia)	on mkt sell	2.21	ORD -43,482	-43,482
24-Sep-18	BlackRock Fund Advisors	on mkt buy	2.23	ORD 1,845	1,845
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -690	-690
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	2.20	ORD 1,534	1,534
26-Sep-18	BlackRock Fund Advisors	on mkt sell	2.20	ORD -18,075	-18,075
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,196	1,196
27-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.19	ORD -7,994	-7,994
27-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.19	CFD -20,627	-20,627
27-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.19	CFD -278	-278
27-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.19	CFD -276	-276
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,071	1,071
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -460	-460
28-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.21	CFD -554	-554
28-Sep-18	BlackRock Institutional Trust Company,	on mkt sell	2.20	CFD -14,329	-14,329

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28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,063	11,063
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD 4,485	4,485
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ORD -43,026	-43,026
01-Oct-18	BlackRock Fund Advisors	on mkt buy	2.19	ORD 1,275	1,275
01-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.11	ORD 767	767
02-Oct-18	BlackRock Fund Advisors	on mkt buy	2.14	ORD 1,965	1,965
02-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	2.13	ORD -3,721	-3,721
03-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -230	-230
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 7,774	7,774
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -21,513	-21,513
09-Oct-18	BlackRock Fund Advisors	on mkt buy	2.15	ORD 3,225	3,225
09-Oct-18	BlackRock Fund Advisors	on mkt buy	2.15	ORD 7,177	7,177
09-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	2.13	ORD -2,899	-2,899
09-Oct-18	BlackRock Asset Management Deutschland	on mkt buy	2.09	ORD 78,634	78,634
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.08	ORD 767	767
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 8,449	8,449
10-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -64,851	-64,851
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.05	ORD 11,505	11,505
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 11,900	11,900
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -460	-460
15-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.11	ORD 83,063	83,063
16-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	2.15	ORD -2,158	-2,158
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 10,710	10,710
17-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.20	ORD 1,534	1,534
18-Oct-18	BlackRock Fund Advisors	on mkt buy	2.25	ORD 1,204	1,204
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.25	ORD 166,064	166,064
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.25	ORD 83,032	83,032
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -345	-345
19-Oct-18	BlackRock Fund Advisors	on mkt buy	2.24	ORD 3,847	3,847
23-Oct-18	BlackRock Fund Advisors	on mkt buy	2.28	ORD 3,071	3,071
23-Oct-18	BlackRock Fund Advisors	on mkt buy	2.28	ORD 99,384	99,384
23-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	2.28	ORD -382	-382
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.32	ORD 1,534	1,534
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	2.29	ORD 83,016	83,016
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,618	2,618
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -21,722	-21,722
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,332	3,332
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ORD -7,475	-7,475
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	2.26	ORD -83,027	-83,027
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	2.26	ORD 83,027	83,027
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -43,444	-43,444
05-Nov-18	BlackRock Fund Advisors	on mkt sell	2.27	ORD -720	-720
06-Nov-18	BlackRock Fund Advisors	on mkt buy	2.30	ORD 2,457	2,457
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	2.32	ORD -83,027	-83,027
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -21,722	-21,722
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,360	2,360
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,180	1,180
13-Nov-18	BlackRock Institutional Trust Company,	in specie	n/a	ORD 15,994	15,994
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	2.45	ORD 143,956	143,956
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	2.48	ORD 28,790	28,790
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	2.48	ORD 767	767
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	2.48	ORD 27,322	27,322
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 3,068	3,068
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	2.46	ORD 767	767
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 1,180	1,180
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -1,666	-1,666
23-Nov-18	BlackRock Institutional Trust Company,	in specie	n/a	ORD -17,461	-17,461
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 944	944
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD -21,722	-21,722
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ORD 2,242	2,242
30-Nov-18	BlackRock Fund Advisors	on mkt buy	2.35	ORD 101,227	101,227
30-Nov-18	BlackRock Fund Advisors	on mkt sell	2.35	ORD -2,809	-2,809
30-Nov-18	BlackRock Institutional Trust Company,	on mkt buy	2.35	ORD 17,903	17,903
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ORD 21,676	21,676

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	2.11 ORD 767	767
11-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 2,190	2,190
11-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 730	730
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	2.06 ORD -88,149	-88,149
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	2.06 ORD 767	767
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	2.10 ORD -5,092	-5,092
13-Dec-18	BlackRock Fund Advisors	on mkt buy	2.10 ORD 2,595	2,595
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	2.10 ORD -106,792	-106,792
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	2.06 ORD 1,534	1,534
14-Dec-18	BlackRock Asset Management Deutschland	on mkt sell	2.01 ORD -99,562	-99,562
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	2.01 ORD 83,044	83,044
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.97 ORD 83,052	83,052
17-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 1,460	1,460
18-Dec-18	BlackRock Fund Advisors	on mkt sell	1.99 ORD -13,155	-13,155
18-Dec-18	BlackRock Fund Advisors	on mkt sell	1.99 ORD -20,521	-20,521
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.99 ORD 767	767
19-Dec-18	BlackRock Asset Management Deutschland	on mkt sell	2.16 ORD -48,605	-48,605
19-Dec-18	BlackRock Fund Advisors	on mkt buy	2.04 ORD 1,500	1,500
20-Dec-18	BlackRock Fund Advisors	on mkt buy	2.12 ORD 994	994
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	2.08 ORD 83,060	83,060
21-Dec-18	BlackRock Fund Advisors	on mkt buy	1.99 ORD 2,940	2,940
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.90 ORD -12,822	-12,822
21-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD 5,920	5,920
24-Dec-18	BlackRock Fund Advisors	on mkt buy	1.94 ORD 3,945	3,945
27-Dec-18	BlackRock Fund Advisors	in specie	n/a ORD -21,393	-21,393
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a ORD 2,734	2,734
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a ORD -2,734	-2,734
03-Jan-19	BlackRock Asset Management Deutschland	on mkt buy	1.90 ORD 97,220	97,220
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.90 ORD 767	767
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.90 ORD 1,534	1,534
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.90 ORD 1,534	1,534
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.90 ORD 83,102	83,102
03-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -64,179	-64,179
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 5,175	5,175
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 1,080	1,080
04-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 1,080	1,080
07-Jan-19	BlackRock Financial Management, Inc.	in specie	n/a ORD -446,468	-446,468
07-Jan-19	BlackRock Financial Management, Inc.	in specie	n/a ORD -63,227	-63,227
08-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 1,610	1,610
10-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 2,160	2,160
16-Jan-19	BlackRock Institutional Trust Company,	in specie	n/a ORD 48,914	48,914
16-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 4,736	4,736
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.92 ORD -3,835	-3,835
17-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD 1,380	1,380
17-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -11,840	-11,840
24-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -5,328	-5,328
24-Jan-19	BlackRock Fund Advisors	in specie	n/a ORD -2,664	-2,664
30-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.90 ORD 83,110	83,110
01-Feb-19	BlackRock Asset Management Deutschland	on mkt buy	1.93 ORD 534,875	534,875
01-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.93 ORD 767	767
01-Feb-19	BlackRock Financial Management, Inc.	in specie	n/a ORD -365,393	-365,393
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.92 ORD -83,114	-83,114
07-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 42,786	42,786
07-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -2,160	-2,160
08-Feb-19	BlackRock Asset Management Deutschland	on mkt buy	1.93 ORD 340,249	340,249
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.93 ORD 166,222	166,222
08-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 85,572	85,572
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.93 ORD 767	767
12-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD 21,393	21,393
14-Feb-19	BlackRock Fund Advisors	in specie	n/a ORD -1,080	-1,080
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.75 ORD 7,670	7,670
19-Feb-19	BlackRock Institutional Trust Company,	in specie	n/a ORD -10,388	-10,388
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.68 ORD 767	767
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.60 ORD 1,534	1,534

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22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 6,216	6,216
25-Feb-19	BlackRock Asset Management Deutschland	on mkt sell	1.48	ORD -876,798	-876,798
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,104	7,104
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ORD 83,235	83,235
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ORD 3,835	3,835
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.46	ORD 7,670	7,670
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.45	ORD 1,534	1,534
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ORD 767	767
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ORD 83,311	83,311
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 8,584	8,584
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 5,624	5,624
11-Mar-19	BlackRock Asset Management Deutschland	on mkt buy	1.25	ORD 48,771	48,771
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 7,400	7,400
13-Mar-19	BlackRock Fund Advisors	on mkt buy	1.32	ORD 367,625	367,625
13-Mar-19	BlackRock Fund Advisors	on mkt buy	1.33	ORD 922,041	922,041
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 1,184	1,184
14-Mar-19	BlackRock Asset Management Deutschland	on mkt sell	1.40	ORD -97,530	-97,530
14-Mar-19	BlackRock Fund Advisors	on mkt sell	1.39	ORD -60,000	-60,000
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ORD -537,194	-537,194
15-Mar-19	BlackRock Fund Advisors	on mkt sell	1.40	ORD -624,837	-624,837
15-Mar-19	BlackRock Asset Management Deutschland	on mkt sell	1.40	ORD -5,276,005	-5,276,005
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ORD -9,210,256	-9,210,256
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ORD 767	767
15-Mar-19	BlackRock Fund Advisors	on mkt sell	1.40	ORD -330,800	-330,800
15-Mar-19	BlackRock Asset Management Deutschland	on mkt sell	1.40	ORD -2,793,181	-2,793,181
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ORD -4,526,019	-4,526,019
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ORD 16,280	16,280
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ORD -350,000	-350,000

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border		Credit Suisse
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Equity Fund Ltd.		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Equity Fund Ltd.		MORGAN STANLEY & CO INTERNATIONAL