# 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: SPARK NEW ZEALAND LIMITED

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

Date of relevant event: 20 March 2015

Date this disclosure made: 23 March 2015

Date last disclosure made: 4 December 2014

## Substantial security 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 Share

Summary for: Security holders listed in Appendix A

For **this** disclosure,—

(a) total number held in class: 115,998,106

(b) total in class: 1,834,783,488

(c) total percentage held in class: 6.322 %

For **last** disclosure,—

(a) total number held in class: 148,133,404

(b) total in class: 1,834,767,958

(c) total percentage held in class: 8.074%

# 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): 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:
  - Notional number of underlying shares: 1,070,673
  - 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 product holders: Refer to Appendix A

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

Contact details: Andrew Yik, Tel +61 2 9272 2305, Email andrew.yik@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: [name]

#### Certification

I, Kayla McGrory, 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	3	Nature of	Address
Holder of Relevant Interests	CCY		number	%	Association	Address
BlackRock Financial Management, nc.	AUD	ORD	1,070,772	0.058%	subsidiary of BlackRock Inc.	40 E. 52nd Street New York, NY 10022
BlackRock Institutional Trust Company, National Association	AUD	ORD	3,294,060	0.180%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105
BlackRock Investment Management Australia) Limited	AUD	ORD	4,793,778	0.261%	subsidiary of BlackRock Inc.	Level 26, 101 Collins St Melbourne Australia
BlackRock Investment Management UK) Ltd	AUD	ORD	2,724,418	0.148%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL UK
BlackRock Investment Management, LC	AUD	ORD	35,417	0.002%	subsidiary of BlackRock Inc.	1 University Square Drive, Princeton, NJ 08540
BlackRock (Netherlands) B.V.	NZD	ORD	322,931	0.018%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	NZD	ORD	15,942	0.001%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	NZD	ORD	16,357,332	0.892%	subsidiary of BlackRock Inc.	Murray House 1Royal Mint Court London, EC3N 4HH, UK
BlackRock Advisors, LLC	NZD	ORD	365,242	0.020%	subsidiary of BlackRock Inc.	100 Bellevue Parkway Wilmington, DE 19809
BlackRock Asset Management Canada Limited	NZD	ORD	908,616	0.050%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1
BlackRock Asset Management Deutschland AG	NZD	ORD	3,417,119	0.186%	subsidiary of BlackRock Inc.	Max-Joseph-Straße 6 80333 Munich, Germany
BlackRock Asset Management North Asia Limited	NZD	ORD	3,769,108	0.205%	subsidiary of BlackRock Inc.	16/F, 2 Queen's Road Cheung Kong Center Hong Kong
BlackRock Financial Management, nc.	NZD	ORD	392,011	0.021%	subsidiary of BlackRock Inc.	40 E. 52nd Street New York, NY 10022
BlackRock Fund Advisors	NZD	ORD	40,064,042	2.184%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105
BlackRock Institutional Trust Company, National Association	NZD	ORD	27,505,088	1.499%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105
BlackRock International Limited	NZD	ORD	1,064,873	0.058%	subsidiary of BlackRock Inc.	40 Torphichen Street Edinburgh EH3 8JB
BlackRock Investment Management Australia) Limited	NZD	ORD	523,074	0.029%	subsidiary of BlackRock Inc.	Level 26, 101 Collins St Melbourne Australia
BlackRock Investment Management UK) Ltd	NZD	ORD	4,880,138	0.266%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL UK

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Halden of Dalacent Intercets		Total Held in Class			Nature of	A.I.I	
Holder of Relevant Interests	CCY		number	%	Association	Address	
BlackRock Investment Management, LLC	NZD	ORD	1,716,399	0.094%	subsidiary of BlackRock Inc.	1 University Square Drive, Princeton, NJ 08540	
BlackRock Japan Co., Ltd.	NZD	ORD	2,777,746	0.151%	subsidiary of BlackRock Inc.	Sapia Tower 1-7-12 Marunouchi, Chiyoda- ku, Tokyo. 100-0005 Japan	

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# **SPARK NEW ZEALAND LTD**

Transaction Date	Person whose relevant interest changed	Nature of o	-		nd number of ies affected	Person's votes affected
03-Dec-14	BlackRock Institutional Trust Company, National Association	off mkt buy	2.98	CFD	29,231	29,231
03-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	ord	2,428	2,428
03-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	ord	3,065	3,065
03-Dec-14	BlackRock Japan Co., Ltd.	on mkt sell	2.99	ord	-603	-603
03-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	2.97	ord	-34,897	-34,897
03-Dec-14	BlackRock Investment Management (UK) Ltd	on mkt buy	2.97	ord	17,169	17,169
03-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	6,522	6,522
03-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	21,576	
03-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	2.97	ord	918	
03-Dec-14	BlackRock Institutional Trust Company, National Association	off mkt buy	2.98	CFD	182,583	
03-Dec-14	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-19,459	-19,459
03-Dec-14	BlackRock Investment Management (UK) Ltd	in specie	n/a	ord	19,459	
03-Dec-14	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ord	30,786	30,786
04-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-16,182	
04-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	70,122	70,122
04-Dec-14	BlackRock Institutional Trust Company, National Association	off mkt buy	2.95	CFD	188,873	188,873
05-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ord	918	918
05-Dec-14	BlackRock Investment Management (UK) Ltd	in specie	n/a	ord	16,410	16,410
05-Dec-14	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-74,585	-74,585
05-Dec-14	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-79,263	-79,263
05-Dec-14	BlackRock International Limited	in specie	n/a	ord	79,263	79,263
08-Dec-14	BlackRock Advisors (UK) Limited	in specie	n/a	ord	26,075	26,075
08-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	2.94	ord	3,552	3,552
08-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	1,649	1,649
08-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	2.94	ord	-10,054	-10,054
08-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	4,185	4,185
08-Dec-14	BlackRock Fund Advisors	on mkt buy	2.94	ord	8,370	8,370
08-Dec-14	BlackRock Institutional Trust Company, National Association	on mkt buy	2.94	ord	5,048	5,048
08-Dec-14	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-26,075	-26,075
09-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.00	ord	-25,632	-25,632
09-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.00	ord	-3,845	-3,845
09-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	37,758	37,758
09-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	3,298	3,298
09-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	13,410	13,410
09-Dec-14	BlackRock Asset Management Canada Limited	on mkt buy	3.03	ord	2,648	2,648
09-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ord	5,029	5,029
09-Dec-14	BlackRock Institutional Trust Company, National Association	on mkt buy	3.03	ord	24,808	
09-Dec-14	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	12,396	12,396
09-Dec-14	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-12,396	-12,396
09-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03	ord	-11,669	
09-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.00	ord	-16,924	-16,924
09-Dec-14	BlackRock International Limited	in specie	n/a	ord	-2,120,983	-2,120,983

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Transaction Date	Person whose relevant interest changed	Nature of o Considerati			d number of es affected	Person's votes affected
10-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	5,184	5,184
10-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-48,396	
10-Dec-14	BlackRock Asset Management Deutschland AG	on mkt sell	3.14	ord	-38,927	-38,927
10-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.14	ord	1,830	
10-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.14	ord	398	398
10-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	12,555	12,555
10-Dec-14	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-36,765	-36,765
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.20	ord	-32,002	-32,002
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ord	-6,560	-6,560
11-Dec-14	BlackRock Investment Management (UK) Ltd	on mkt sell	3.17	ord	-30,842	-30,842
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.20	ord	-8,107	-8,107
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ord	-1,661	-1,661
11-Dec-14	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	17,966	17,966
11-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	7,609	7,609
11-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	3,298	
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.20	ord	-1,382	
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ord	-283	-283
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.21	ord	-61,499	-61,499
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.20	ord	-3,974	-3,974
11-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ord	-814	-814
12-Dec-14	BlackRock Investment Management (UK) Ltd	on mkt sell	3.09	ord	-18,222	-18,222
12-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ord	-32,806	-32,806
12-Dec-14	BlackRock Investment Management (UK) Ltd	on mkt buy	3.10	ord	336,418	336,418
12-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ord	-1,744	-1,744
12-Dec-14	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	32,073	
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-11,297	-11,297
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-146,968	-146,968
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-18,332	-18,332
15-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.07	ord	7,104	7,104
15-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-30,312	
15-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-272,808	-272,808
15-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-48,396	-48,396
15-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.07	ord	734	734
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-8,150	-8,150
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-13,830	-13,830
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-80,879	-80,879
15-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ord	-6,710	-6,710
16-Dec-14	BlackRock Institutional Trust Company, National Association	off mkt buy	3.07	CFD	35,560	35,560
16-Dec-14	BlackRock Investment Management	on mkt sell	3.07	ord	-6,122	-6,122

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Transaction Date	Person whose relevant interest changed	Nature of o	-		d number of es affected	Person's votes affected
16-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ord	-79,638	-79,638
16-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ord	-9,933	-9,933
16-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	3,298	3,298
16-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	4,470	4,470
16-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-16,132	-16,132
16-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-32,264	-32,264
16-Dec-14	BlackRock Asset Management Canada Limited	on mkt buy	3.06	ord	2,206	2,206
16-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ord	-4,417	-4,417
16-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ord	-7,494	-7,494
16-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ord	-43,827	-43,827
16-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ord	-3,637	-3,637
17-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.12	ord	-10,580	-10,580
17-Dec-14	BlackRock Investment Management	on mkt sell	3.12	ord	-102,316	-102,316
17-Dec-14	(Australia) Limited  BlackRock Investment Management (UK) Ltd	on mkt buy	3.12	ord	15,274	15,274
17-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	3.12	ord	-22,027	-22,027
17-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.12	ord	-17,879	-17,879
17-Dec-14	BlackRock Investment Management, LLC	on mkt sell	3.11	ord	-242,822	-242,822
17-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-188,926	-188,926
17-Dec-14	BlackRock Fund Advisors	on mkt sell	3.12	ord	-165,410	-165,410
17-Dec-14	BlackRock Fund Advisors	on mkt sell	3.12	ord	-79,799	-79,799
17-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	3.12	ord	-4,350	-4,350
17-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.12	ord	-5,337	-5,337
17-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.12	ord	-8,336	-8,336
17-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.12	ord	-28,240	-28,240
17-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.12	ord	-2,179	-2,179
18-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ord	-8,029	-8,029
18-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ord	-77,639	-77,639
18-Dec-14	BlackRock Japan Co., Ltd.	on mkt sell	3.11	ord	-9,260	-9,260
18-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ord	-13,566	-13,566
18-Dec-14	BlackRock Fund Advisors	on mkt buy	3.14	ord	4,896	4,896
18-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-682,020	-682,020
18-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-45,468	-45,468
18-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.11	ord	1,836	1,836
18-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.11	ord	1,968	1,968
18-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.11	ord	12,648	12,648
18-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ord	-4,051	-4,051
18-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ord	-6,326	-6,326
18-Dec-14	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-197,396	-197,396
18-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ord	-21,430	-21,430
	BlackRock Investment Management					
	(Australia) Limited	on mkt sell	3.13	ord	-1,654	-1,654
18-Dec-14 19-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	3.09		-13,802	

Transaction Date	Person whose relevant interest changed		f change /		nd number of ies affected	Person's votes affected	
	Disali Daali Advisaana (LUC) Linsitad					-10,649	
19-Dec-14 19-Dec-14	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt sell on mkt sell	3.09 3.09		-10,649 -17,890		
19-Dec-14	BlackRock Advisors (UK) Limited	on mkt sell	3.09		-13,802		
10 000 14	BlackRock Investment Management	on mike och	0.00	ord	10,002	10,002	
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-11,966	-11,966	
	BlackRock Investment Management				,	,	
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-38,102	-38,102	
	BlackRock Investment Management						
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-5,590	-5,590	
	BlackRock Investment Management						
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-22,755		
19-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	2,174	·	
19-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	13,044		
19-Dec-14	BlackRock Fund Advisors	on mkt sell	3.09	ord	-5,464		
19-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	-105,007		
19-Dec-14	BlackRock Fund Advisors	on mkt sell	3.09		-380,370		
19-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.09 3.09		31,692		
19-Dec-14	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy	3.09	oru	13,485	13,463	
19-Dec-14	National Association	on mkt sell	3.09	ord	-8,963	-8,963	
19-066-14	BlackRock Institutional Trust Company,	OH HIKE SCII	5.05	oru	-0,900	-0,303	
19-Dec-14	National Association	on mkt buy	3.09	ord	10,811	10,811	
10 000 14	BlackRock Investment Management	on mike buy	0.00	ord	10,011	10,011	
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-2,072	-2,072	
10 200 11	BlackRock Investment Management	011 11 III C 0011	0.10	0.0	2,012	2,012	
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-3,668	-3,668	
	BlackRock Investment Management				2,000	2,000	
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-34,351	-34,351	
	BlackRock Institutional Trust Company,						
19-Dec-14	National Association	on mkt sell	3.09	ord	-25,534	-25,534	
	BlackRock Investment Management						
19-Dec-14	(Australia) Limited	on mkt sell	3.10	ord	-4,346	-4,346	
	BlackRock Investment Management						
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-13,184	-13,184	
	BlackRock Investment Management						
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-41,981	-41,981	
00 Dec 44	BlackRock Investment Management	am malet a all	2.00		0.450	0.450	
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-6,158	-6,158	
22-Dec-14	BlackRock Investment Management (UK) Ltd	on mkt buy	3.09	ord	9,169	9,169	
22-Dec-14 22-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	5,394		
22-Dec-14 22-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	3,298		
22-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	4,947		
22-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	7,380		
22-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	13,284		
22-Dec-14	BlackRock Fund Advisors	in specie	n/a	ord	2,545		
22-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.09		1,101		
22-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.09		1,468		
22-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	3.10	ord	4,785		
	BlackRock Investment Management	_					
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-2,285	-2,285	
	BlackRock Investment Management						
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-4,042	-4,042	
	BlackRock Investment Management						
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-37,848	-37,848	
	BlackRock Investment Management						
22-Dec-14	(Australia) Limited	on mkt sell	3.09	ord	-4,788	-4,788	
00 D - 44	BlackRock Investment Management	an malata U	244		44.00=	44.00=	
23-Dec-14	(Australia) Limited	on mkt sell	3.11	ord	-11,895	-11,895	
23-Dec-14	BlackRock Investment Management (Australia) Limited	on mkt sell	3.11	ord	4E 204	4E 204	
23-DeC-14	BlackRock Investment Management	on mkt sell	3.11	ord	-45,391	-45,391	
23-Dec-14	(Australia) Limited	on mkt sell	3.11	ord	-8,224	-8,224	
23-Dec-14 23-Dec-14	BlackRock Fund Advisors	on mkt buy	3.10		3,051		
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Transaction Date	Person whose relevant interest changed	Nature of Considera	_			nd number of ies affected	Person's votes affected
23-Dec-14	BlackRock Fund Advisors	on mkt buy		3.10	ord	9,248	9,248
23-Dec-14	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy		3.11	ord	677	•
23-Dec-14	(Australia) Limited BlackRock Investment Management	on mkt sell		3.11	ord	-2,703	-2,703
23-Dec-14	(Australia) Limited  BlackRock Investment Management (UK) Ltd	on mkt sell		3.11	ord	-2,467	-2,467
23-Dec-14	Black took involutions management (OT) Eta	on mkt buy		3.11	ord	285,000	285,000
24-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy		3.10	ord	2,808	
24-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy		3.10	ord	14,973	·
26-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	76,593	
26-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	80,910	
26-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	6,266	6,266
29-Dec-14	BlackRock Fund Advisors	on mkt buy		3.12	ord	3,344	3,344
29-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	3,298	3,298
29-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	-94,671	-94,671
29-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	611	611
	BlackRock Asset Management North Asia						
30-Dec-14	Limited	on mkt buy		3.12	ord	73,746	
30-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy		3.12	ord	459	
30-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy		3.12	ord	2,295	
30-Dec-14	BlackRock Advisors (UK) Limited	on mkt buy	,	3.12	ord	435	
30-Dec-14	BlackRock Fund Advisors	in specie	n/a		ord	611	611
20 Dec 44	BlackRock Institutional Trust Company,	and malet lavore		2.40		10.011	10.011
30-Dec-14	National Association BlackRock Institutional Trust Company,	on mkt buy		3.12	ord	10,211	10,211
31-Dec-14	National Association	on mkt buy		3.12	ord	16,547	16,547
31-Dec-14	BlackRock Institutional Trust Company, National Association	on mkt sell		3.12	ord	-842	-842
01 000 11	BlackRock Institutional Trust Company,	on mike oon		0.12	Old	012	012
05-Jan-15	National Association	on mkt buy		3.09	ord	3,081	3,081
05-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		3.09	ord	368	368
05-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		3.09	ord	459	459
05-Jan-15	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt buy		3.09	ord	918	918
05-Jan-15	National Association BlackRock Institutional Trust Company,	on mkt buy		3.11	ord	2,817	2,817
05-Jan-15	National Association	on mkt buy		3.09	ord	48,571	48,571
06-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		3.14	ord	15,137	
06-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	38,175	38,175
06-Jan-15	BlackRock Fund Advisors BlackRock Asset Management Deutschland	in specie	n/a		ord	-47,193	-47,193
06-Jan-15	AG	on mkt buy		3.14	ord	166,146	166,146
07-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	4,348	4,348
07-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	12,532	12,532
07-Jan-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell		3.15	ord	-792	-792
08-Jan-15	(Australia) Limited BlackRock Investment Management	on mkt sell		3.16	ord	-12,654	-12,654
08-Jan-15	(Australia) Limited BlackRock Investment Management	on mkt sell		3.18	ord	-9,392	-9,392
08-Jan-15	(Australia) Limited	on mkt buy		3.16	ord	21,631	21,631
08-Jan-15	BlackRock Investment Management (Australia) Limited	on mkt sell		3.16	ord	-82,982	-82,982
08-Jan-15	BlackRock Investment Management (Australia) Limited	on mkt sell		3.18	ord	-61,599	-61,599
08-Jan-15	BlackRock Investment Management (UK) Ltd	on mkt buy		3.15	ord	6,139	6,139
	BlackRock Investment Management						
08-Jan-15	(Australia) Limited BlackRock Investment Management	on mkt sell		3.18	ord	-9,775	
08-Jan-15	(Australia) Limited	on mkt sell		3.16	ord	-13,168	
08-Jan-15	BlackRock Investment Management, LLC	on mkt sell		3.16	ord	-282,469	
08-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	3,298	
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(/	affected	nd number of ies affected	Nature of change / Consideration (NZD)			Person whose relevant interest changed	Transaction Date	
BlackRock Advisors (UK) Limited on mkt buy 3.15 ord 918	918	918	ord	3.15		on mkt buy		08-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.18 ord -4,784	-4,784	-4,784	ord	3.18		on mkt sell	(Australia) Limited	08-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.16 ord -6,445	-6,445	-6,445	ord	3.16		on mkt sell	(Australia) Limited	08-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.18 ord -6,369	-6,369	-6,369	ord	3.18		on mkt sell	ğ ,	08-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.16 ord -8,580	-8,580	-8.580	ord	3.16		on mkt sell		08-Jan-15
BlackRock Institutional Trust Company,	280,091			00	n/o		BlackRock Institutional Trust Company,	08-Jan-15
BlackRock Investment Management					II/a	•	BlackRock Investment Management	
(Australia) Limited on mkt sell 3.16 ord -10,885 BlackRock Investment Management	-10,885		ord				BlackRock Investment Management	08-Jan-15
(Australia) Limited on mkt sell 3.18 ord -8,081 BlackRock Investment Management	-8,081	-8,081	ord	3.18		on mkt sell		08-Jan-15
(Australia) Limited on mkt sell 3.17 ord -19,224 BlackRock Investment Management	-19,224	-19,224	ord	3.17		on mkt sell		09-Jan-15
(Australia) Limited on mkt sell 3.17 ord -126,070 BlackRock Investment Management	-126,070	-126,070	ord	3.17		on mkt sell	(Australia) Limited	09-Jan-15
(Australia) Limited on mkt sell 3.17 ord -20,004	-20,004	-20 004	ord	3 17		on mkt sell		09-Jan-15
BlackRock Fund Advisors in specie n/a ord 6,633	6,633			0.17	n/a			09-Jan-15
BlackRock Fund Advisors on mkt buy 3.18 ord 21,454 BlackRock Investment Management	21,454			3.18	1110	•	BlackRock Fund Advisors	09-Jan-15
(Australia) Limited on mkt sell 3.17 ord -9,793 BlackRock Investment Management	-9,793	-9,793	ord	3.17		on mkt sell	(Australia) Limited	09-Jan-15
(Australia) Limited on mkt sell 3.17 ord -13,037	-13,037	-13,037	ord	3.17		on mkt sell	(Australia) Limited	09-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.17 ord -16,540	-16,540	-16,540	ord	3.17		on mkt sell	(Australia) Limited	09-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.15 ord -9,046	-9,046	-9,046	ord	3.15		on mkt sell		12-Jan-15
BlackRock Investment Management (Australia) Limited on mkt sell 3.15 ord -70,209	-70,209	-70.209	ord	3.15		on mkt sell	<u> </u>	12-Jan-15
BlackRock Investment Management	-10.592						BlackRock Investment Management	12-Jan-15
(Australia) Limited on mkt sell 3.15 ord -10,592 BlackRock Investment Management, LLC on mkt buy 3.17 ord 14,238	14,238	-						12-Jan-15 12-Jan-15
BlackRock Advisors (UK) Limited on mkt sell 3.16 ord -92,940	-92,940					•		12-Jan-15 12-Jan-15
BlackRock Investment Management							BlackRock Investment Management	
(Australia) Limited on mkt sell 3.15 ord -6,357 BlackRock Investment Management	-6,357						BlackRock Investment Management	12-Jan-15
(Australia) Limited on mkt sell 3.15 ord -8,132 BlackRock Investment Management	-8,132	-8,132	ord	3.15		on mkt sell		12-Jan-15
(Australia) Limited on mkt sell 3.16 ord -11,001 BlackRock Investment Management	-11,001	-11,001	ord	3.16		on mkt sell		13-Jan-15
(Australia) Limited on mkt sell 3.16 ord -85,379	-85,379	-85,379	ord	3.16		on mkt sell	(Australia) Limited	13-Jan-15
BlackRock Japan Co., Ltd. on mkt sell 3.18 ord -20,130	-20,130	-20,130	ord	3.18		on mkt sell	BlackRock Japan Co., Ltd.	13-Jan-15
BlackRock Japan Co., Ltd. on mkt sell 3.18 ord -20,551 BlackRock Asset Management North Asia	-20,551	-20,551	ord	3.18		on mkt sell		13-Jan-15
Limited on mkt sell 3.18 ord -41,454 BlackRock Investment Management	-41,454	-41,454	ord	3.18		on mkt sell		13-Jan-15
(Australia) Limited on mkt sell 3.16 ord -12,879	-12,879	-12,879	ord	3.16		on mkt sell	<del>-</del>	13-Jan-15
BlackRock Fund Advisors on mkt buy 3.17 ord 17,129	17,129		ord	3.17		on mkt buy		13-Jan-15
BlackRock Fund Advisors in specie n/a ord 14,003	14,003	14,003	ord		n/a	in specie	BlackRock Fund Advisors	13-Jan-15
BlackRock Advisors (UK) Limited on mkt buy 3.18 ord 676	676	676	ord	3.18		on mkt buy	BlackRock Advisors (UK) Limited	13-Jan-15
BlackRock Fund Advisors in specie n/a ord 2,090 BlackRock Investment Management	2,090	2,090	ord		n/a	in specie		13-Jan-15
(Australia) Limited on mkt sell 3.16 ord -7,731 BlackRock Investment Management	-7,731	-7,731	ord	3.16		on mkt sell	(Australia) Limited	13-Jan-15
(Australia) Limited on mkt sell 3.16 ord -9,889 BlackRock Investment Management	-9,889	-9,889	ord	3.16		on mkt sell	(Australia) Limited	13-Jan-15
(Australia) Limited on mkt sell 3.17 ord -8,950	-8,950	-8,950	ord	3.17		on mkt sell	(Australia) Limited	14-Jan-15
BlackRock Investment Management	-69,451	-69,451	ord	3.17		on mkt sell	BiackRock investment Management (Australia) Limited	14-Jan-15

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Transaction Date	Person whose relevant interest changed		f change / ition (NZD)		ss and number of curities affected	Person's votes affected
	BlackRock Investment Management					
14-Jan-15	(Australia) Limited	on mkt sell			rd -10,477	,
14-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy	3.	.17 o	rd 368	368
14-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy	3.	17 o	rd 918	918
14-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy	3.	17 o	rd 3,045	3,045
	BlackRock Investment Management					
14-Jan-15	(Australia) Limited	on mkt sell	3.	17 o	rd -6,288	-6,288
	BlackRock Investment Management					
14-Jan-15	(Australia) Limited	on mkt sell	3.	17 o	rd -8,044	-8,044
	BlackRock Investment Management				•	·
15-Jan-15	(Australia) Limited	on mkt sell	3.	16 o	rd -10,998	-10,998
	BlackRock Investment Management				,,,,,,	.,
15-Jan-15	(Australia) Limited	on mkt sell	3	16 o	rd -85,351	-85,351
10 0011 10	BlackRock Investment Management	on mike oon	0.		00,001	00,001
15-Jan-15	(Australia) Limited	on mkt sell	3	16 o	rd -12,875	-12,875
15-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		.10 0	•	•
10-3411-15	BlackRock Investment Management	OH HIKL DUY	3.	17 0	u 458	439
15 lon 15		on milet call	2	16 0	ad 7.701	7 704
15-Jan-15	(Australia) Limited	on mkt sell	3.	16 o	rd -7,731	-7,731
45 1 45	BlackRock Investment Management			40		0.000
15-Jan-15	(Australia) Limited	on mkt sell	3.	16 o	rd -9,886	-9,886
	BlackRock Investment Management					
16-Jan-15	(Australia) Limited	on mkt sell	3.	24 o	rd -5,350	-5,350
	BlackRock Investment Management					
16-Jan-15	(Australia) Limited	on mkt sell	3.	24 o	rd -41,515	-41,515
	BlackRock Investment Management					
16-Jan-15	(Australia) Limited	on mkt sell	3.	24 o	rd -6,263	-6,263
16-Jan-15	BlackRock Fund Advisors	on mkt buy	3.	22 o	rd 1,606	1,606
16-Jan-15	BlackRock Fund Advisors	in specie	n/a	0	rd 12,532	12,532
16-Jan-15	BlackRock Fund Advisors	in specie	n/a	0		·
16-Jan-15	BlackRock Fund Advisors	in specie	n/a		rd 4,947	
16-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		24 o		
16-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		24 o	•	
10 0011 10	BlackRock Investment Management	On mike buy	0.	2. 0	1,000	1,000
16-Jan-15	(Australia) Limited	on mkt sell	3	24 o	rd -3,760	-3,760
10-3411-13	BlackRock Investment Management	OH HIKE SEII	5.	24 0	-3,700	-5,700
16-Jan-15	(Australia) Limited	on mkt sell	2	24 o	rd 4.000	-4,809
	· ·	on mkt sell			,	
19-Jan-15	BlackRock Advisors (UK) Limited	on mkt sen	3.	28 o	rd -185,880	-185,880
00   45	BlackRock Investment Management			00		0.004
20-Jan-15	(Australia) Limited	on mkt buy	3.	33 o	rd 2,631	2,631
	BlackRock Investment Management					
20-Jan-15	(Australia) Limited	on mkt buy	3.	33 o	rd 91,247	91,247
	BlackRock Investment Management					
20-Jan-15	(Australia) Limited	on mkt buy	3.	33 o	rd 57	57
	BlackRock Investment Management					
20-Jan-15	(Australia) Limited	on mkt buy	3.	33 o	rd 1,979	1,979
	BlackRock Investment Management					
20-Jan-15	(Australia) Limited	on mkt sell	3.	33 o	rd -8,694	-8,694
20-Jan-15	BlackRock Fund Advisors	in specie	n/a	0		
20-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		34 o	•	
20 0011 10	BlackRock Institutional Trust Company,	on mike bay	0.	0. 0	0.0	010
20-Jan-15	National Association	on mkt buy	3	34 o	rd 20,004	20,004
20 0411 10	BlackRock Institutional Trust Company,	off mkt buy	0.	0-	20,004	20,004
20 Jan 15	National Association	OII IIIKI DUY	2	22 (1	FD 3,508	2 500
20-Jan-15		off polet by y	3.	33 CI	FD 3,508	3,508
00   45	BlackRock Institutional Trust Company,	off mkt buy		00 01		407.070
20-Jan-15	National Association	to a second			FD 137,272	
20-Jan-15	BlackRock Advisors (UK) Limited	in specie	n/a	0	•	
20-Jan-15	BlackRock Investment Management	on mkt sell			-10,400	
	(Australia) Limited		3.	33 o	rd	-10,400
21-Jan-15	BlackRock Institutional Trust Company,	off mkt sell			-11,293	
	National Association		3.	24 CI	-D	-11,293
21-Jan-15	BlackRock Institutional Trust Company,	off mkt sell			-1,276	1
	National Association		3.	25 CI	-D	-1,276
21-Jan-15	BlackRock Asset Management North Asia	on mkt sell			-63,801	
	Limited		3.	27 o	rd	-63,801
SDK						
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Transaction Date	Person whose relevant interest changed	Nature of Considera	_			d number of es affected	Person's votes affected
21-Jan-15	BlackRock Institutional Trust Company,	on mkt buy				113,214	
	National Association		3	3.28	ord		113,214
21-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	-3,261	
21-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	-7,609	
21-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	9,894	
21-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	2,948	2,948
21-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy	(	3.28	ord	675	675
22-Jan-15	BlackRock Investment Management	on mkt buy				47,821	
	(Australia) Limited			3.26	ord		47,821
22-Jan-15	BlackRock Japan Co., Ltd.	on mkt sell	3	3.22	ord	-37,392	-37,392
22-Jan-15	BlackRock Investment Management	on mkt buy				3,446	
	(Australia) Limited		3	3.26	ord		3,446
22-Jan-15	BlackRock Institutional Trust Company, National Association	off mkt buy	;	3.26	CFD	57,572	57,572
23-Jan-15	BlackRock Asset Management Canada	on mkt sell	·	0.20	0. 2	-5,659	
	Limited		:	3.23	ord	0,000	-5,659
23-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		3.23	ord	1,836	
23-Jan-15	BlackRock Advisors (UK) Limited	on mkt sell		3.23	ord	-27,878	
26-Jan-15	BlackRock Fund Advisors	in specie	n/a	0.20	ord	6,596	
27-Jan-15	BlackRock Investment Management	on mkt buy	11/4		ora	10,186	
27-0411-15	(Australia) Limited	Off flikt buy		3.38	ord	10,100	10,186
27-Jan-15	BlackRock Investment Management	on mkt buy	`	3.30	oru	412,550	
27-Jan-15	<del>-</del>	on mkt buy	,	2 20	and	412,550	
07 lan 45	(Australia) Limited	ana malet a all		3.38	ord	2.000	412,550
27-Jan-15	BlackRock Japan Co., Ltd.	on mkt sell		3.35	ord	-2,099	
27-Jan-15	BlackRock Investment Management	on mkt buy	,	0 00		520	
07   45	(Australia) Limited		•	3.38	ord	04.000	520
27-Jan-15	BlackRock Investment Management	on mkt buy	,			21,080	
	(Australia) Limited			3.38	ord		21,080
27-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		3.39	ord	5,049	
27-Jan-15	BlackRock Advisors (UK) Limited	on mkt sell	(	3.39	ord	-2,175	
27-Jan-15	BlackRock Institutional Trust Company,	off mkt buy				443	
	National Association		(	3.38	CFD		443
27-Jan-15	BlackRock Institutional Trust Company,	off mkt buy				196,568	
	National Association		(	3.38	CFD		196,568
27-Jan-15	BlackRock Investment Management	on mkt buy				1,702	
	(Australia) Limited		3	3.38	ord		1,702
27-Jan-15	BlackRock Investment Management	on mkt buy				68,917	
	(Australia) Limited		3	3.38	ord		68,917
27-Jan-15	BlackRock Investment Management	on mkt buy				497	
	(Australia) Limited		3	3.38	ord		497
27-Jan-15	BlackRock Investment Management	on mkt buy				20,139	
	(Australia) Limited		3	3.38	ord		20,139
	BlackRock Institutional Trust Company,						
28-Jan-15	National Association	off mkt sell	3	3.47	CFD	-13,857	-13,857
	BlackRock Institutional Trust Company,						
28-Jan-15	National Association	on mkt buy	3	3.49	ord	2,016	2,016
28-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	-7,609	-7,609
28-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	1,649	1,649
	BlackRock Institutional Trust Company,						
28-Jan-15	National Association	on mkt buy	(	3.49	ord	98,858	98,858
	BlackRock Investment Management						
29-Jan-15	(Australia) Limited	on mkt buy	(	3.47	ord	19,937	19,937
	BlackRock Investment Management	-					
29-Jan-15	(Australia) Limited	on mkt buy	(	3.39	ord	406,630	406,630
29-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		3.36	ord	8,807	
	BlackRock Investment Management	,				•	•
29-Jan-15	(Australia) Limited	on mkt buy	3	3.47	ord	1,086	1,086
	BlackRock Investment Management		Ì			.,550	.,230
29-Jan-15	(Australia) Limited	on mkt buy		3.39	ord	22,150	22,150
0010	BlackRock Institutional Trust Company,	z Suy	`	2.30	514	, 100	
29-Jan-15	National Association	in specie	n/a		ord	-17,839	-17,839
29-Jan-15	BlackRock Fund Advisors	in specie	n/a		ord	21,437	
∠⊍-Jaii- IJ		in specie			ord	21,437 26,384	
20_ lan 15							
29-Jan-15	BlackRock Advisors	-	n/a	3 36			
29-Jan-15 29-Jan-15 SPK	BlackRock Advisors (UK) Limited	on mkt buy		3.36	ord	675	

Transaction Date	Person whose relevant interest changed	Nature of Considera			and number of rities affected	Person's votes affected
29-Jan-15	BlackRock Advisors (UK) Limited	on mkt sell	3	.36 ord	-3,045	-3,045
29-Jan-15	BlackRock Advisors (UK) Limited	on mkt sell		.36 ord	-19,868	•
	BlackRock Institutional Trust Company,					
29-Jan-15	National Association	off mkt buy	3	.47 CFD	19,116	19,116
	BlackRock Institutional Trust Company,					
29-Jan-15	National Association	off mkt buy	3	.39 CFD	183,547	183,547
	BlackRock Investment Management					
29-Jan-15	(Australia) Limited	on mkt sell	3	.40 ord	-3,704	-3,704
00 1 45	BlackRock Institutional Trust Company,			00 1	70.740	70.740
30-Jan-15	National Association	on mkt sell		.30 ord	-76,719	,
30-Jan-15	BlackRock Fund Advisors	in specie	n/a	ord	-32,364	
30-Jan-15	BlackRock Fund Advisors	in specie	n/a	ord	39,744	39,744
30-Jan-15	BlackRock Asset Management Canada Limited	on mkt sell	3	.30 ord	-24,580	-24,580
30-Jan-15	BlackRock Advisors (UK) Limited	on mkt buy		.30 ord	3,317	·
30-Jan-15	BlackRock Advisors (UK) Limited	on mkt sell		.30 ord	-1,740	
00 0an 10	BlackRock Investment Management (UK) Ltd	OH HIRE SOII	J	.00 014	1,740	1,740
30-Jan-15	Black took in council management (City Eta	on mkt sell	3	.30 ord	-110,000	-110.000
00 00	BlackRock Institutional Trust Company,	o			,	,
30-Jan-15	National Association	on mkt buy	3	.30 ord	48,286	48,286
	BlackRock Institutional Trust Company,	,			•	,
30-Jan-15	National Association	on mkt buy	3	.30 ord	76,719	76,719
02-Feb-15	BlackRock Japan Co., Ltd.	on mkt buy	3	.34 ord	130,543	130,543
02-Feb-15	BlackRock Fund Advisors	in specie	n/a	ord	-16,182	-16,182
	BlackRock Asset Management Deutschland					
02-Feb-15	AG	on mkt buy	3	.34 ord	20,009	20,009
	BlackRock Investment Management					
02-Feb-15	(Australia) Limited	on mkt buy	3	.35 ord	65,473	65,473
	BlackRock Institutional Trust Company,					
03-Feb-15	National Association	off mkt buy	3	.34 CFD	95	95
	BlackRock Institutional Trust Company,					
03-Feb-15	National Association	off mkt buy		.37 CFD	-,	·
03-Feb-15	BlackRock Japan Co., Ltd.	on mkt buy	3	.37 ord	10,164	10,164
00 5-5-45	BlackRock Investment Management (UK) Ltd		0	07	0.404	0.404
03-Feb-15	Disali Deals Fried Advisors	on mkt sell		.37 ord	-8,481	
03-Feb-15 03-Feb-15	BlackRock Fund Advisors BlackRock Fund Advisors	in specie	n/a n/a	ord	-7,609	
03-Feb-15 03-Feb-15	BlackRock Fund Advisors	in specie in specie	n/a	ord ord	-64,728 -32,364	
03-Feb-15 03-Feb-15	BlackRock Fund Advisors	in specie	n/a	ord	1,728	
00-1 60-10	BlackRock Asset Management Canada	пт эресіс	11/a	oru	1,720	1,720
03-Feb-15	Limited	on mkt buy	3	.37 ord	3,414	3,414
03-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		.37 ord	918	
00.00.10	BlackRock Institutional Trust Company,	on mile bay	Ŭ	.07 0.0	0.10	010
04-Feb-15	National Association	in specie	n/a	ord	-5,689	-5,689
	BlackRock Investment Management				,	•
04-Feb-15	(Australia) Limited	on mkt buy	3	.50 ord	27,078	27,078
04-Feb-15	BlackRock Japan Co., Ltd.	on mkt buy	3	.38 ord	2,768	
04-Feb-15	BlackRock (Netherlands) B.V.	in specie	n/a	ord	20,120	20,120
04-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	3	.46 ord	3,541	3,541
04-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	3	.44 ord	92,946	92,946
04-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	3	.46 ord	475	475
	BlackRock Institutional Trust Company,					
04-Feb-15	National Association	off mkt buy	3	.47 CFD	89,113	89,113
	BlackRock Institutional Trust Company,					
05-Feb-15	National Association	off mkt sell	3	.49 CFD	-11,402	-11,402
	BlackRock Investment Management (UK) Ltd					
05-Feb-15	DisabBasis Advis (URC) 11 "	on mkt buy		.45 ord	29,278	
05-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		.49 ord	3,543	
05-Feb-15	BlackRock Fund Advisors	in specie	n/a	ord	180,096	
05-Feb-15	BlackRock Fund Advisors	in specie	n/a	ord	-1,884	-1,884
00 5-5-45	BlackRock Investment Management (Australia) Limited	on mkt buy	0	.50 ord	7 047	7 047
	LOUSHANALL HUNGU	OH HIKL DUV	3	.50 ord	7,217	7,217
06-Feb-15		,				
	BlackRock Investment Management	-				20 400
06-Feb-15 06-Feb-15 SPK		on mkt buy		.50 ord	20,499	20,499 page 9 of 15

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)				nd number of ties affected	Person's votes affected
	BlackRock Investment Management						
06-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.50	ord	4,225	4,225
06-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.50	ord	12,553	12,553
06-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.50	ord	4,063	4,063
06-Feb-15	(Australia) Limited	on mkt buy	3	3.50	ord	10,744	10,744
06-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt huv	2	3.50	ord	0.767	9,767
06-Feb-15 06-Feb-15	BlackRock International Limited	on mkt buy in specie	n/a	5.50	ord ord	9,767 -2,713,736	·
00-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	165,088	
09-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	13,266	
09-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.43	ord	1,896	
09-Feb-15 09-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.43 3.43	ord	1,350	
	BlackRock Investment Management	•					
10-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.46	ord	18,193	18,193
10-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.46	ord	94,155	94,155
10-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.46	ord	3,126	3,126
10-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.46	ord	16,176	16,176
10-Feb-15	(Australia) Limited	on mkt buy	3	3.46	ord	351	351
40 Fab 45	BlackRock Investment Management	and malet lavore	,	2.40		4.044	4.044
10-Feb-15	(Australia) Limited	on mkt buy on mkt sell		3.46 3.47	ord	1,814	,
10-Feb-15	BlackRock Investment Management, LLC			3.47	ord	-73,192	·
10-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	6,596	
10-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	75,040	,
10-Feb-15 10-Feb-15	BlackRock Fund Advisors	in specie on mkt sell	n/a	3.47	ord	-1,884 -5,009	
10-Feb-15	BlackRock Advisors (UK) Limited BlackRock Advisors (UK) Limited	on mkt buy		3.47	ord ord	1,374	
10-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy	3	3.46	ord	355	355
10-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy	3	3.46	ord	1,839	1,839
10-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy	3	3.46	ord	338	338
10-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy	3	3.46	ord	1,750	1,750
10-Feb-15	BlackRock Institutional Trust Company, National Association	off mkt buy		3.45	CFD	7,254	
10-Feb-15	BlackRock Institutional Trust Company, National Association	off mkt buy		3.46	CFD	22,135	
	BlackRock Investment Management	,					
10-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.46	ord	10,682	10,682
10-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.46	ord	55,285	55,285
11-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.47	ord	531	531
11-Feb-15	(Australia) Limited	on mkt buy	3	3.47	ord	91	91
11-Feb-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy	3	3.45	ord	9,340	9,340
11-Feb-15	(Australia) Limited	on mkt buy	3	3.47	ord	11	11
11-Feb-15	BlackRock Fund Advisors BlackRock Investment Management	in specie	n/a		ord	360,192	
11-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3	3.47	ord	11	11
11-Feb-15	(Australia) Limited	on mkt buy	3	3.47	ord	10	10
11-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy	3	3.47	ord	311	311

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Transaction Date	Person whose relevant interest changed  BlackRock Investment Management (Australia) Limited	Nature of change / Consideration (NZD)				d number of es affected	Person's votes affected
12-Feb-15		on mkt buy	3.34		ord 60,245		
12-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy		3.34	ord	4,468	
	BlackRock Institutional Trust Company,	o 2 a.,		0.0.	0.0	.,	.,
12-Feb-15	National Association BlackRock Institutional Trust Company,	in specie	n/a		ord	-32,338	-32,338
12-Feb-15	National Association	in specie	n/a		ord	-58,153	-58,153
12-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell		3.32	ord	-15,844	-15,844
12-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.32	ord	3,545	3,545
12-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	15,731	15,731
12-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell		3.32	ord	-92,956	
12-Feb-15	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell		3.32	ord	-30,048	-30,048
12-Feb-15	National Association BlackRock Investment Management	off mkt buy		3.34	CFD	77,309	77,309
12-Feb-15	(Australia) Limited BlackRock Institutional Trust Company,	on mkt sell		3.30	ord	-6,989	-6,989
13-Feb-15	National Association  BlackRock Institutional Trust Company,	off mkt buy		3.33	CFD	2,130	2,130
13-Feb-15	National Association	in specie	n/a		ord	27,968	27,968
13-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	120,064	
13-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	135,072	
13-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	11/4	3.33	ord	916	
13-Feb-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy		3.33	ord	1,374	
16-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy		3.35	ord	3,778	3,778
16-Feb-15	(Australia) Limited	on mkt buy		3.35	ord	22,746	22,746
16-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy		3.35	ord	3,416	3,416
16-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy		3.35	ord	2,347	2,347
16-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy		3.35	ord	2,237	2,237
17-Feb-15	BlackRock Asset Management North Asia Limited	on mkt buy		3.32	ord	114,652	114,652
17-Feb-15 17-Feb-15	BlackRock Fund Advisors	on mkt buy in specie	n/a	3.32	ord	6,596	
17-Feb-15 17-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	90,048	
17-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell	II/a	3.32	ord	-1,460	
17-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.32	ord	1,374	
17-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.32	ord	4,122	
17-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell		3.32	ord	-3,038	
18-Feb-15	BlackRock Investment Management, LLC BlackRock Institutional Trust Company,	on mkt sell		3.31	ord	-17,148	
18-Feb-15	National Association	on mkt buy		3.31	ord	79,528	79,528
18-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell		3.31	ord	-6,723	
18-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	75,040	
18-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	2,948	
18-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	12,529	
18-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	4,563	
18-Feb-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy		3.31	ord	1,377	
18-Feb-15	(Australia) Limited BlackRock Investment Management	on mkt buy		3.33	ord	178	178
18-Feb-15	(Australia) Limited BlackRock Asset Management Canada	on mkt buy		3.30	ord	1,050	1,050
18-Feb-15	Limited  BlackRock Institutional Trust Company,	on mkt buy		3.31	ord	18,067	18,067
19-Feb-15	National Association	off mkt buy		3.17	CFD	26,635	26,635
20-Feb-15	BlackRock Investment Management (Australia) Limited	on mkt buy		3.17	ord	46,431	46,431
20 Eab 15	BlackRock Investment Management (Australia) Limited	on mkt huy		2 17	ord	7 050	7 050
20-Feb-15 SPK	(Australia) Littilieu	on mkt buy		3.17	ord	7,253	7,253 page 11 of 15

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)			Class and number of securities affected		Person's votes affected	
	BlackRock Asset Management Canada							
20-Feb-15	Limited	on mkt sell		3.16	ord	-5,433		
20-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	53,940		
20-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	6,596		
20-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.16	ord	3,659	3,659	
	BlackRock Investment Management							
20-Feb-15	(Australia) Limited	on mkt buy		3.17	ord	4,098	4,098	
00 = 1 1=	BlackRock Investment Management			a 4 <b>-</b>			= = 40	
20-Feb-15	(Australia) Limited	on mkt buy		3.17	ord	5,512	5,512	
00 Fab 45	BlackRock Institutional Trust Company,	aff malet lavor		2 42	OED	00.007	00 007	
23-Feb-15	National Association	off mkt buy	1	3.13	CFD	23,337		
23-Feb-15	BlackRock Fund Advisors	in specie	n/a	2 42	ord	3,298		
23-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.13	ord	918		
23-Feb-15 23-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.13	ord	3,213		
	BlackRock Advisors (UK) Limited	on mkt sell on mkt sell		3.13 3.13	ord ord	-2,028 -9,982		
23-Feb-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sen		3.13	oru	-9,902	-9,902	
24-Feb-15	(Australia) Limited	on mkt sell		3.10	ord	-14,266	-14,266	
24-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.10	ord	10,509	10,509	
24-1 60-13	BlackRock Investment Management	On mikt buy		3.10	oru	10,509	10,309	
24-Feb-15	(Australia) Limited	in specie	n/a		ord	-3,181	-3,181	
24-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	12,532		
24-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	3,298		
24-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	2,535		
24-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	15,731	15,731	
24-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	11/a	3.10	ord	918	918	
24-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.10	ord	474	474	
2410010	BlackRock Institutional Trust Company,	on mike buy		0.10	ora	7/7	7/7	
24-Feb-15	National Association	in specie	n/a		ord	-19,562	-19,562	
2110010	BlackRock Investment Management	п ороско	1170		o.u	10,002	10,002	
24-Feb-15	(Australia) Limited	on mkt sell		3.10	ord	-4,555	-4,555	
2110010	BlackRock Institutional Trust Company,	on mixe con		0.10	o.u	1,000	1,000	
25-Feb-15	National Association	off mkt buy		3.18	CFD	19,375	19,375	
25-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.23	ord	131,031	131,031	
25-Feb-15	BlackRock Japan Co., Ltd.	on mkt sell		3.20	ord	-1,770	-1,770	
25-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	138,556	,	
	BlackRock Institutional Trust Company,					,	,	
25-Feb-15	National Association	in specie	n/a		ord	38,204	38,204	
25-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell		3.23	ord	-51,480	-51,480	
25-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy		3.23	ord	1,836		
25-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	2,444		
	BlackRock Investment Management	•					,	
26-Feb-15	(Australia) Limited	on mkt sell		3.30	ord	-477,258	-477,258	
	BlackRock Investment Management							
26-Feb-15	(Australia) Limited	on mkt buy		3.28	ord	20,339	20,339	
	BlackRock Investment Management							
26-Feb-15	(Australia) Limited	on mkt sell		3.30	ord	-25,338	-25,338	
	BlackRock Investment Management							
26-Feb-15	(Australia) Limited	on mkt buy		3.28	ord	6,500	6,500	
26-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	180,096	180,096	
26-Feb-15	BlackRock Fund Advisors	in specie	n/a		ord	19,899	19,899	
	BlackRock Institutional Trust Company,							
27-Feb-15	National Association	off mkt sell		3.27	CFD	-14,449	-14,449	
	BlackRock Investment Management (UK) Ltd							
27-Feb-15		on mkt buy		3.27	ord	1,684	1,684	
	BlackRock Investment Management (UK) Ltd							
27-Feb-15		on mkt buy		3.27	ord	7,319	7,319	
27-Feb-15	BlackRock Japan Co., Ltd.	on mkt buy		3.27	ord	8,904	8,904	
	BlackRock Institutional Trust Company,							
	Nietienel Association	on mkt sell		3.27	ord	-32,334	-32,334	
27-Feb-15	National Association	OIT ITHE OCH						
27-Feb-15 27-Feb-15	BlackRock Financial Management, Inc.	on mkt buy		3.27	ord	48,212		
				3.27 3.27 3.27	ord ord	48,212 209,612		

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Transaction Date	Person whose relevant interest changed	Nature of Considera	change / tion (NZD)		and number of ities affected	Person's votes affected
	BlackRock Asset Management Canada					
27-Feb-15	Limited	on mkt sell	3.2	7 ord	-3,382	-3,382
27-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	3.2	7 ord	459	459
27-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	3.2		1,377	1,377
27-Feb-15	BlackRock Advisors (UK) Limited	on mkt sell	3.2		-1,308	•
27-Feb-15	BlackRock Advisors (UK) Limited	on mkt buy	3.2		19,106	
27-Feb-15 27-Feb-15	` ,	•	3.2			
	BlackRock Advisors (UK) Limited	on mkt buy			83,069	
27-Feb-15	BlackRock Advisors (UK) Limited BlackRock Institutional Trust Company,	on mkt sell	3.2	7 ord	-26,002	
27-Feb-15	National Association BlackRock Institutional Trust Company,	on mkt buy	3.2	7 ord	532,104	532,104
27-Feb-15	National Association BlackRock Investment Management (UK) Ltd	on mkt buy	3.2	7 ord	10,863	10,863
27-Feb-15	BlackRock Institutional Trust Company,	on mkt sell	3.2	7 ord	-300,000	-300,000
07 Fab 15	National Association	on make being	2.0	7 ord	1 505	1 505
27-Feb-15		on mkt buy	3.2	7 ord	1,525	1,525
	BlackRock Investment Management					
02-Mar-15	(Australia) Limited	on mkt sell	3.2	8 ord	-462,592	-462,592
	BlackRock Investment Management					
02-Mar-15	(Australia) Limited BlackRock Investment Management	on mkt sell	3.2	6 ord	-14,666	-14,666
00 Mar 15		on milet bene	2.0	O ord	25 204	25.20
02-Mar-15	(Australia) Limited BlackRock Investment Management	on mkt buy	3.2	8 ord	25,204	25,204
02-Mar-15	(Australia) Limited BlackRock Investment Management	on mkt sell	3.2	8 ord	-24,559	-24,559
02-Mar-15	(Australia) Limited	on mkt sell	3.2	6 ord	-779	-779
	BlackRock Investment Management					- 0-4
02-Mar-15	(Australia) Limited	on mkt buy	3.2	8 ord	5,956	
02-Mar-15	BlackRock Fund Advisors	in specie	n/a	ord	64,728	
02-Mar-15	BlackRock Fund Advisors	in specie	n/a	ord	8,245	8,245
02-Mar-15	BlackRock Fund Advisors	on mkt sell	3.2	9 ord	-16,214	-16,214
02-Mar-15	BlackRock Fund Advisors	in specie	n/a	ord	105,056	105,056
02-Mar-15	BlackRock Fund Advisors	in specie	n/a	ord	13,266	
	BlackRock Institutional Trust Company,					
02-Mar-15	National Association	on mkt buy	3.2		9,924	
02-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy	3.2		3,672	
02-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell	3.2	9 ord	-3,924	-3,924
02-Mar-15	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy	3.2	8 ord	4,161	4,16
00 Mar 45		aff malet a all	2.0	0.00	10.010	10.04
03-Mar-15	National Association	off mkt sell	3.2		-12,649	
03-Mar-15	BlackRock Financial Management, Inc.	in specie	n/a	ord	1,070,772	
03-Mar-15	BlackRock Fund Advisors	in specie	n/a	ord	4,947	
03-Mar-15	BlackRock Fund Advisors BlackRock Asset Management Canada	in specie	n/a	ord	60,032	60,032
03-Mar-15	Limited	on mkt sell	3.2	9 ord	-9,674	-9,674
03-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy	3.2	9 ord	2,295	
04-Mar-15	(Australia) Limited	on mkt sell	3.3	0 ord	-2,807	-2,807
04-Mar-15	BlackRock Investment Management (Australia) Limited	on mkt sell	3.2	8 ord	-566,742	-566,742
	BlackRock Investment Management (UK) Ltd			_		
04-Mar-15		on mkt sell	3.2	9 ord	-70,349	,
04-Mar-15	BlackRock Fund Advisors BlackRock Asset Management Canada	in specie	n/a	ord	120,064	120,064
04-Mar-15	Limited	on mkt buy	3.2	9 ord	4,719	4,719
04-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy	3.2		15,012	
		•				
04-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy	3.2		460	
04-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy	3.2	9 ord	920	920
04-Mar-15	(Australia) Limited	on mkt buy	3.2	9 ord	1,018	1,018
05-Mar-15	BlackRock Japan Co., Ltd.	on mkt sell	3.2		-8,492	
05-Mar-15	BlackRock Fund Advisors	in specie	n/a	ord	75,040	
05-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell	3.2		-3,480	
	DIAGNINGE AUVISOIS (UN) LIIIIILEU	OH HINL SEII	3.2	J UIU	-3,460	-3,460
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Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)			Class and number of securities affected		Person's votes affected	
	BlackRock Investment Management (UK) Ltd							
06-Mar-15		on mkt buy		3.30	ord	2,120	•	
06-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	-2,174		
06-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	21,576		
06-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell		3.30	ord	-1,740	-1,740	
06-Mar-15	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy		3.28	ord	1,417	1,417	
06-Mar-15	National Association BlackRock Investment Management (UK) Ltd	off mkt sell		3.28	CFD	-39,837	-39,837	
09-Mar-15		on mkt buy		3.29	ord	8,283	8,283	
09-Mar-15	BlackRock Japan Co., Ltd.	on mkt sell		3.30	ord	-98,382	-98,382	
09-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	64,728	64,728	
09-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	6,596	6,596	
09-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	90,048	90,048	
09-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	5,896		
09-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy		3.30	ord	476		
10-Mar-15	(Australia) Limited	on mkt buy		3.25	ord	42,208	42,208	
10 Mar 45	BlackRock Investment Management	on walst law.		2.05	است	0.455	0.455	
10-Mar-15	(Australia) Limited	on mkt buy	,	3.25	ord	3,155		
10-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	21,576		
10-Mar-15	BlackRock Fund Advisors BlackRock Asset Management Deutschland	in specie	n/a		ord	2,535		
10-Mar-15	AG	on mkt buy		3.24	ord	55,724	55,724	
10-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy		3.24	ord	3,654		
10-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.24	ord	-3,480	-3,480	
10-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell		3.24	ord	-1,740	-1,740	
10-Mar-15	(Australia) Limited BlackRock Institutional Trust Company,	on mkt buy		3.25	ord	1,900	1,900	
10-Mar-15	National Association	off mkt sell		3.25	CFD	-9,484	-9,484	
10-Mar-15	BlackRock (Singapore) Limited	on mkt buy		3.24	ord	15,942		
11-Mar-15	BlackRock Fund Advisors	in specie	n/a	0	ord	26,970		
11-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	120,064		
11-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.18	ord	-2,704	-2,704	
12-Mar-15	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt sell		3.20	ord	-2,964	-2,964	
12-Mar-15	(Australia) Limited BlackRock Asset Management North Asia	on mkt sell		3.23	ord	-4,493	-4,493	
12-Mar-15	Limited	on mkt sell		3.15	ord	-82,610	-82,610	
12-Mar-15	BlackRock Fund Advisors	in specie	n/a	5.15	ord	10,788		
12-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	21,576		
12-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	60,176		
12-Mar-15	BlackRock Fund Advisors	on mkt buy	11/4	3.16	ord	92,772		
12-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy		3.20	ord	10,008		
12-Mar-15	BlackRock Institutional Trust Company, National Association	off mkt sell		3.22	CFD	-30,220	-30,220	
12 Mar 45	BlackRock Investment Management (UK) Ltd	on milet been		2 05	امدما	44.004	44.004	
13-Mar-15 13-Mar-15	BlackRock Investment Management, LLC	on mkt buy on mkt sell		3.25 3.24	ord ord	41,221 -85,302	41,221 -85,302	
13-Mar-15	BlackRock Institutional Trust Company, National Association	on mkt sell		3.24	ord	-30,128	-30,128	
13-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	-9,783		
13-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy		3.24	ord	3,213		
13-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt sell		3.24	ord	-3,915	-3,915	
16-Mar-15	(Australia) Limited	on mkt sell		3.17	ord	-16,411	-16,411	
16-Mar-15	BlackRock Japan Co., Ltd. BlackRock Investment Management	on mkt sell		3.15	ord	-11,848		
16-Mar-15	(Australia) Limited	on mkt sell		3.17	ord	-2,080	-2,080	
			n/a	J. 17				
		•	11/a	3 15				
16-Mar-15 16-Mar-15	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	in specie on mkt buy	n/a	3.15	ord ord	3,298 1,354		

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Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)				nd number of ties affected	Person's votes affected	
16-Mar-15	BlackRock Institutional Trust Company, National Association	off mkt sell		3.17	CFD	-121,032	-121,032	
17 Mor 15	BlackRock Institutional Trust Company,	off mkt buy		2 17	CED			
17-Mar-15	National Association BlackRock Institutional Trust Company,	off mkt buy		3.17	CFD	15,227	15,227	
17-Mar-15	National Association	in specie	n/a		ord	123,947	123,947	
17-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	26,970	26,970	
17-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy		3.15	ord	92,968	92,968	
17-Mar-15	BlackRock Advisors (UK) Limited	on mkt buy		3.15	ord	5,980	5,980	
17-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.15	ord	-5,655	-5,655	
18-Mar-15	BlackRock Investment Management, LLC	on mkt buy		3.08	ord	19,334	19,334	
18-Mar-15	BlackRock Investment Management, LLC	on mkt buy	/	3.08	ord	3,581	3,581	
18-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	26,970 75,516	26,970 75,516	
18-Mar-15 18-Mar-15	BlackRock Fund Advisors BlackRock Fund Advisors	in specie in specie	n/a n/a		ord ord	75,516 3,298	75,516 3,298	
18-Mar-15	BlackRock Fund Advisors	on mkt sell	II/a	3.09	ord	-647,831	-647,831	
18-Mar-15	BlackRock Fund Advisors	in specie	n/a	5.05	ord	13,266	13,266	
10 10101 10	BlackRock Asset Management Deutschland	пт орсою	11/4		ora	10,200	10,200	
18-Mar-15	AG	on mkt sell		3.08	ord	-1,550,976	-1,550,976	
18-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.09	ord	-104,284	-104,284	
	BlackRock Institutional Trust Company,					•	,	
18-Mar-15	National Association	in specie	n/a		ord	55,758	55,758	
	BlackRock Institutional Trust Company,							
19-Mar-15	National Association	off mkt buy		3.11	CFD	15,451	15,451	
	BlackRock Investment Management							
19-Mar-15	(Australia) Limited	on mkt sell		3.10	ord	-6,410	-6,410	
	BlackRock Investment Management							
19-Mar-15	(Australia) Limited	on mkt sell		3.10	ord	-1,053	-1,053	
19-Mar-15	BlackRock Fund Advisors	on mkt sell		3.08	ord	-1,948,655		
19-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.08 3.10	ord	-1,500,857	-1,500,857 30,078	
19-Mar-15	BlackRock Advisors (UK) Limited BlackRock Investment Management	on mkt buy		3.10	ord	30,078	30,076	
19-Mar-15	(Australia) Limited	on mkt sell		3.10	ord	-801	-801	
19-Mai-13	BlackRock Investment Management	OH HIKE SCH		5.10	oru	-001	-001	
19-Mar-15	(Australia) Limited	on mkt sell		3.10	ord	-1,829	-1,829	
ro mai ro	BlackRock Investment Management	orr mine oon		0.10	0.0	1,020	1,020	
20-Mar-15	(Australia) Limited	on mkt sell		3.08	ord	-121,772	-121,772	
20-Mar-15	BlackRock Investment Management, LLC	on mkt sell		3.08	ord	-4,905	-4,905	
	BlackRock Investment Management							
20-Mar-15	(Australia) Limited	on mkt sell		3.08	ord	-20,008	-20,008	
	BlackRock Institutional Trust Company,							
20-Mar-15	National Association	on mkt buy		3.07	ord	3,262	3,262	
20-Mar-15	BlackRock Fund Advisors	on mkt sell		3.07	ord	-799,995	-799,995	
20-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	3,298	3,298	
20-Mar-15	BlackRock Fund Advisors	on mkt sell		3.07	ord	-17,215,270	-17,215,270	
00 M 45	BlackRock Asset Management Deutschland			0.07		0.050.004	0.050.004	
20-Mar-15	AG	on mkt sell		3.07	ord	-3,053,301	-3,053,301	
20-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.07	ord	-4,502,569	-4,502,569	
20-Mar-15	BlackRock Asset Management Canada Limited	on mkt sell		3.07	ord	-5,029	-5,029	
20-IVIAI-13	BlackRock Asset Management Canada	OH HIKE SEII		3.07	oru	-5,029	-5,029	
20-Mar-15	Limited	on mkt sell		3.07	ord	-186,388	-186,388	
20 Mai 10	BlackRock Investment Management	on mike oon		0.07	ora	100,000	100,000	
20-Mar-15	(Australia) Limited	on mkt sell		3.08	ord	-28,746	-28,746	
20-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.07	ord	-2,180	-2,180	
20-Mar-15	BlackRock Fund Advisors	in specie	n/a		ord	611	611	
20-Mar-15	BlackRock Advisors (UK) Limited	on mkt sell		3.07	ord	-24,736	-24,736	
	BlackRock Investment Management							
20-Mar-15	(Australia) Limited	on mkt sell		3.08	ord	-15,232	-15,232	
	BlackRock Institutional Trust Company,							
20-Mar-15	National Association	on mkt buy		3.07	ord	30,844	30,844	
	BlackRock Investment Management							
20-Mar-15	(Australia) Limited	on mkt sell		3	ord	-34,749	-34,749	

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# Appendix C

#### Parties to the Derivative

Investment Manager / Agent	Fund	On Behalf of	Counterparty
BlackRock Institutional Trust Company, National Association	The 32 Capital Master Fund SPC Ltd	Global Market Neutral SP	UBS SECURITIES LLC
BlackRock Institutional Trust Company, National Association	Pan Asia Opportunities Master Fund Ltd		UBS SECURITIES LLC

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