

Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To **NZX Limited**

And

To **Trade Me Group Limited**

Date this disclosure made: **2 May 2019**

Date on which substantial holding began: **29 April 2019**

Substantial product holder(s) giving disclosure

Full name(s): **Credit Suisse Holdings (Australia) Limited (on behalf of Credit Suisse Group AG and its affiliates)**

Summary of substantial holding

Class of quoted voting products: **NZX: TME Ordinary Shares**

Summary for: **Credit Suisse Group AG and its related bodies corporate**

For this disclosure,—

- (a) total number held in class: **20,325,803**
- (b) total in class: **396,973,029**
- (c) total percentage held in class: **5.12%**

Details of relevant interests

Details for: **Credit Suisse Securities (Europe) Limited**

Nature of relevant interest(s):

Credit Suisse Securities (Europe) Limited has a holding of 19,579,939 fully paid ordinary shares with power to exercise control over voting shares and to control the acquisition or disposition of the security.

For that relevant interest,—

- (a) number held in class: **19,579,939**
- (b) percentage held in class: **4.93%**
- (c) current registered holder(s): **HSBC NOMINEES (New Zealand) Limited**
- (d) registered holder(s) once transfers registered: **HSBC NOMINEES (New Zealand) Limited**

For a derivative relevant interest, also—

- (a) type of derivative: **N/a**
- (b) details of derivative: **N/a**
- (c) parties to the derivative: **N/a**

(d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: **N/a**

Details for: Credit Suisse Funds AG

Nature of relevant interest (s):

Credit Suisse Funds AG has a holding of 374,992 fully paid ordinary shares with discretionary to control the acquisition or disposition of the security

For that relevant interest,—

- (a) number held in class: **374,992**
- (b) percentage held in class: **0.09%**
- (c) current registered holder(s) : **HSBC NOMINEES (New Zealand) Limited**
- (d) registered holder(s) once transfers registered: **HSBC NOMINEES (New Zealand) Limited**

For a derivative relevant interest, also—

- (a) type of derivative: **N/a**
- (b) details of derivative: **N/a**
- (c) parties to the derivative: **N/a**
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: **N/a**

Details for: Credit Suisse Equities (Australia) Limited

Nature of relevant interest (s):

Credit Suisse Equities (Australia) Limited has a holding of 370,872 fully paid ordinary shares with power to exercise control over voting shares and to control the acquisition or disposition of the security.

For that relevant interest,—

- (a) number held in class: **370,872**
- (b) percentage held in class: **0.09%**
- (c) current registered holder(s) : **CS Fourth Nominees Pty Limited**
- (d) registered holder(s) once transfers registered: **CS Fourth Nominees Pty Limited**

For a derivative relevant interest, also—

- (a) type of derivative: **N/a**
- (b) details of derivative: **N/a**
- (c) parties to the derivative: **N/a**
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: **N/a**

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

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash (NZD)	Nature of change	Ordinary shares
Credit Suisse Funds AG	25-Jan-19	6.35	Sell	16,761

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash (AUD)	Nature of change	Ordinary shares
Credit Suisse Equities (Australia) Limited	31-Dec-18	17,362.50	BUY	2,908
Credit Suisse Equities (Australia) Limited	31-Dec-18	20,985.75	SEL	-3,511
Credit Suisse Equities (Australia) Limited	2-Jan-19	7,850.32	BUY	1,313
Credit Suisse Equities (Australia) Limited	2-Jan-19	11,194.96	BUY	1,872
Credit Suisse Equities (Australia) Limited	2-Jan-19	42,641.76	SEL	-7,203
Credit Suisse Equities (Australia) Limited	2-Jan-19	84,299.28	SEL	-14,225
Credit Suisse Equities (Australia) Limited	3-Jan-19	24,611.83	SEL	-4,093
Credit Suisse Equities (Australia) Limited	4-Jan-19	48,778.10	BUY	8,151
Credit Suisse Equities (Australia) Limited	4-Jan-19	4,967.80	BUY	828
Credit Suisse Equities (Australia) Limited	4-Jan-19	6,002.44	BUY	1,001
Credit Suisse Equities (Australia) Limited	4-Jan-19	5,984.47	BUY	998
Credit Suisse Equities (Australia) Limited	4-Jan-19	562.18	BUY	94
Credit Suisse Equities (Australia) Limited	4-Jan-19	41,165.94	SEL	-6,895
Credit Suisse Equities (Australia) Limited	7-Jan-19	7,311.94	BUY	1,222
Credit Suisse Equities (Australia) Limited	7-Jan-19	2,188.90	BUY	366
Credit Suisse Equities (Australia) Limited	7-Jan-19	1,184.16	BUY	198
Credit Suisse Equities (Australia) Limited	7-Jan-19	1,178.18	BUY	197
Credit Suisse Equities (Australia) Limited	7-Jan-19	185.30	BUY	31
Credit Suisse Equities (Australia) Limited	7-Jan-19	50,816.95	SEL	-8,494
Credit Suisse Equities (Australia) Limited	8-Jan-19	5,472.25	BUY	915
Credit Suisse Equities (Australia) Limited	8-Jan-19	21,183.28	BUY	3,542

Credit Suisse Equities (Australia) Limited	8-Jan-19	3,815.24	BUY	638
Credit Suisse Equities (Australia) Limited	8-Jan-19	82,535.17	SEL	-13,803
Credit Suisse Equities (Australia) Limited	9-Jan-19	5.97	BUY	1
Credit Suisse Equities (Australia) Limited	9-Jan-19	52,848.40	SEL	-8,887
Credit Suisse Equities (Australia) Limited	10-Jan-19	3,048.22	BUY	510
Credit Suisse Equities (Australia) Limited	11-Jan-19	304,886.54	BUY	50,912
Credit Suisse Equities (Australia) Limited	11-Jan-19	34,797.80	BUY	5,809
Credit Suisse Equities (Australia) Limited	11-Jan-19	4,135.89	BUY	691
Credit Suisse Equities (Australia) Limited	11-Jan-19	9,574.16	SEL	-1,600
Credit Suisse Equities (Australia) Limited	14-Jan-19	8,098.73	BUY	1,349
Credit Suisse Equities (Australia) Limited	14-Jan-19	24,993.39	BUY	4,171
Credit Suisse Equities (Australia) Limited	14-Jan-19	6.01	SEL	-1
Credit Suisse Equities (Australia) Limited	15-Jan-19	45,379.58	BUY	7,570
Credit Suisse Equities (Australia) Limited	16-Jan-19	40,553.80	BUY	6,761
Credit Suisse Equities (Australia) Limited	16-Jan-19	4,824.77	BUY	805
Credit Suisse Equities (Australia) Limited	16-Jan-19	3,811.74	BUY	636
Credit Suisse Equities (Australia) Limited	16-Jan-19	8,821.43	BUY	1,472
Credit Suisse Equities (Australia) Limited	16-Jan-19	4,632.78	BUY	773
Credit Suisse Equities (Australia) Limited	16-Jan-19	2,396.00	SEL	-400
Credit Suisse Equities (Australia) Limited	17-Jan-19	9,670.18	BUY	1,617
Credit Suisse Equities (Australia) Limited	17-Jan-19	14,603.77	BUY	2,442
Credit Suisse Equities (Australia) Limited	17-Jan-19	7,666.82	BUY	1,282
Credit Suisse Equities (Australia) Limited	17-Jan-19	6,122.65	BUY	1,025
Credit Suisse Equities (Australia) Limited	17-Jan-19	6,189.05	BUY	1,035
Credit Suisse Equities (Australia) Limited	18-Jan-19	5.95	BUY	1
Credit Suisse Equities (Australia) Limited	18-Jan-19	7,130.01	SEL	-1,200
Credit Suisse Equities (Australia) Limited	18-Jan-19	6,188.72	SEL	-1,041
Credit Suisse Equities (Australia) Limited	21-Jan-19	4,771.23	BUY	800

Credit Suisse Equities (Australia) Limited	21-Jan-19	13,735.84	SEL	-2,319
Credit Suisse Equities (Australia) Limited	22-Jan-19	26,962.99	SEL	-4,521
Credit Suisse Equities (Australia) Limited	23-Jan-19	1,045.84	BUY	174
Credit Suisse Equities (Australia) Limited	23-Jan-19	25,682.31	BUY	4,267
Credit Suisse Equities (Australia) Limited	24-Jan-19	4,056.51	BUY	673
Credit Suisse Equities (Australia) Limited	24-Jan-19	632.16	BUY	105
Credit Suisse Equities (Australia) Limited	24-Jan-19	9,581.98	BUY	1,589
Credit Suisse Equities (Australia) Limited	24-Jan-19	6,699.47	BUY	1,111
Credit Suisse Equities (Australia) Limited	24-Jan-19	90,111.10	BUY	14,932
Credit Suisse Equities (Australia) Limited	24-Jan-19	3,436.40	BUY	570
Credit Suisse Equities (Australia) Limited	24-Jan-19	6.02	SEL	-1
Credit Suisse Equities (Australia) Limited	25-Jan-19	7,243.08	BUY	1,198
Credit Suisse Equities (Australia) Limited	25-Jan-19	6,681.72	BUY	1,102
Credit Suisse Equities (Australia) Limited	25-Jan-19	6.08	SEL	-1
Credit Suisse Equities (Australia) Limited	29-Jan-19	19,633.39	BUY	3,242
Credit Suisse Equities (Australia) Limited	29-Jan-19	25,251.27	BUY	4,161
Credit Suisse Equities (Australia) Limited	29-Jan-19	3,643,800.05	BUY	602,281
Credit Suisse Equities (Australia) Limited	29-Jan-19	12.15	SEL	-2
Credit Suisse Equities (Australia) Limited	30-Jan-19	17,176.61	BUY	2,844
Credit Suisse Equities (Australia) Limited	30-Jan-19	6.05	SEL	-1
Credit Suisse Equities (Australia) Limited	31-Jan-19	6,496.23	BUY	1,079
Credit Suisse Equities (Australia) Limited	31-Jan-19	46,911.99	SEL	-7,791
Credit Suisse Equities (Australia) Limited	1-Feb-19	36,765.17	BUY	6,104
Credit Suisse Equities (Australia) Limited	1-Feb-19	892.53	BUY	148
Credit Suisse Equities (Australia) Limited	4-Feb-19	3,606.00	BUY	600
Credit Suisse Equities (Australia) Limited	4-Feb-19	3,400.96	SEL	-565
Credit Suisse Equities (Australia) Limited	4-Feb-19	5,333.19	SEL	-886
Credit Suisse Equities (Australia) Limited	4-Feb-19	1,270.09	SEL	-211

Credit Suisse Equities (Australia) Limited	4-Feb-19	12,067.40	SEL	-2,008
Credit Suisse Equities (Australia) Limited	5-Feb-19	6,030.00	BUY	1,000
Credit Suisse Equities (Australia) Limited	5-Feb-19	62,006.74	SEL	-10,333
Credit Suisse Equities (Australia) Limited	5-Feb-19	8,047.57	SEL	-1,334
Credit Suisse Equities (Australia) Limited	5-Feb-19	3,195.71	SEL	-530
Credit Suisse Equities (Australia) Limited	5-Feb-19	428.09	SEL	-71
Credit Suisse Equities (Australia) Limited	6-Feb-19	77,554.91	SEL	-12,786
Credit Suisse Equities (Australia) Limited	7-Feb-19	795.88	SEL	-132
Credit Suisse Equities (Australia) Limited	7-Feb-19	1,314.41	SEL	-218
Credit Suisse Equities (Australia) Limited	7-Feb-19	70,568.95	SEL	-11,732
Credit Suisse Equities (Australia) Limited	8-Feb-19	34,072.32	BUY	5,604
Credit Suisse Equities (Australia) Limited	8-Feb-19	302,892.59	BUY	50,000
Credit Suisse Equities (Australia) Limited	8-Feb-19	16,457.13	SEL	-2,710
Credit Suisse Equities (Australia) Limited	11-Feb-19	34,920.38	SEL	-5,762
Credit Suisse Equities (Australia) Limited	12-Feb-19	16,764.55	BUY	2,771
Credit Suisse Equities (Australia) Limited	12-Feb-19	9,456.28	SEL	-1,563
Credit Suisse Equities (Australia) Limited	12-Feb-19	302,197.50	SEL	-50,000
Credit Suisse Equities (Australia) Limited	13-Feb-19	81,298.44	BUY	13,309
Credit Suisse Equities (Australia) Limited	13-Feb-19	1,283.10	BUY	210
Credit Suisse Equities (Australia) Limited	14-Feb-19	65,044.88	BUY	10,626
Credit Suisse Equities (Australia) Limited	14-Feb-19	12,259.06	BUY	2,000
Credit Suisse Equities (Australia) Limited	14-Feb-19	3,711.08	SEL	-606
Credit Suisse Equities (Australia) Limited	15-Feb-19	73,948.79	BUY	12,039
Credit Suisse Equities (Australia) Limited	15-Feb-19	21,275.10	BUY	3,465
Credit Suisse Equities (Australia) Limited	15-Feb-19	12,261.63	SEL	-2,000
Credit Suisse Equities (Australia) Limited	18-Feb-19	21,291.30	BUY	3,462
Credit Suisse Equities (Australia) Limited	18-Feb-19	17,589.00	BUY	2,860
Credit Suisse Equities (Australia) Limited	19-Feb-19	28,296.08	BUY	4,616

Credit Suisse Equities (Australia) Limited	19-Feb-19	30,143.25	SEL	-4,917
Credit Suisse Equities (Australia) Limited	20-Feb-19	63,580.68	BUY	10,389
Credit Suisse Equities (Australia) Limited	20-Feb-19	26,033.28	SEL	-4,254
Credit Suisse Equities (Australia) Limited	21-Feb-19	25,662.00	BUY	4,200
Credit Suisse Equities (Australia) Limited	21-Feb-19	56,493.72	BUY	9,231
Credit Suisse Equities (Australia) Limited	21-Feb-19	30,634.86	SEL	-5,008
Credit Suisse Equities (Australia) Limited	22-Feb-19	21,048.96	BUY	3,462
Credit Suisse Equities (Australia) Limited	22-Feb-19	24,003.99	SEL	-3,948
Credit Suisse Equities (Australia) Limited	25-Feb-19	42,381.00	BUY	6,925
Credit Suisse Equities (Australia) Limited	25-Feb-19	25,539.76	SEL	-4,173
Credit Suisse Equities (Australia) Limited	25-Feb-19	25,735.37	SEL	-4,200
Credit Suisse Equities (Australia) Limited	26-Feb-19	50,945.26	SEL	-8,317
Credit Suisse Equities (Australia) Limited	27-Feb-19	21,193.56	BUY	3,463
Credit Suisse Equities (Australia) Limited	27-Feb-19	24,981.93	SEL	-4,082
Credit Suisse Equities (Australia) Limited	28-Feb-19	28,152.00	BUY	4,600
Credit Suisse Equities (Australia) Limited	28-Feb-19	11,582.45	BUY	1,893
Credit Suisse Equities (Australia) Limited	28-Feb-19	1,258.39	BUY	206
Credit Suisse Equities (Australia) Limited	28-Feb-19	4,297.53	BUY	702
Credit Suisse Equities (Australia) Limited	28-Feb-19	4,463.08	BUY	731
Credit Suisse Equities (Australia) Limited	1-Mar-19	3,696.65	BUY	602
Credit Suisse Equities (Australia) Limited	1-Mar-19	2,646.60	BUY	431
Credit Suisse Equities (Australia) Limited	1-Mar-19	113,093.47	BUY	18,468
Credit Suisse Equities (Australia) Limited	1-Mar-19	6,920.47	BUY	1,127
Credit Suisse Equities (Australia) Limited	1-Mar-19	4,832.66	BUY	787
Credit Suisse Equities (Australia) Limited	1-Mar-19	6,757.34	BUY	1,101
Credit Suisse Equities (Australia) Limited	1-Mar-19	181,158.78	BUY	29,581
Credit Suisse Equities (Australia) Limited	1-Mar-19	5,452.87	BUY	888
Credit Suisse Equities (Australia) Limited	4-Mar-19	94,749.46	BUY	15,400

Credit Suisse Equities (Australia) Limited	4-Mar-19	351.73	BUY	57
Credit Suisse Equities (Australia) Limited	4-Mar-19	37,757.04	BUY	6,128
Credit Suisse Equities (Australia) Limited	4-Mar-19	2,328.36	BUY	378
Credit Suisse Equities (Australia) Limited	4-Mar-19	1,071.62	BUY	174
Credit Suisse Equities (Australia) Limited	4-Mar-19	2,309.91	BUY	375
Credit Suisse Equities (Australia) Limited	5-Mar-19	42,601.05	BUY	6,927
Credit Suisse Equities (Australia) Limited	5-Mar-19	47,230.09	BUY	7,680
Credit Suisse Equities (Australia) Limited	6-Mar-19	28,434.56	BUY	4,616
Credit Suisse Equities (Australia) Limited	6-Mar-19	10,090.52	BUY	1,640
Credit Suisse Equities (Australia) Limited	7-Mar-19	10,164.00	BUY	1,650
Credit Suisse Equities (Australia) Limited	7-Mar-19	35,580.16	BUY	5,776
Credit Suisse Equities (Australia) Limited	7-Mar-19	12,868.75	SEL	-2,091
Credit Suisse Equities (Australia) Limited	8-Mar-19	12,312.30	BUY	2,002
Credit Suisse Equities (Australia) Limited	8-Mar-19	3,823.79	SEL	-622
Credit Suisse Equities (Australia) Limited	11-Mar-19	2,537.92	BUY	412
Credit Suisse Equities (Australia) Limited	11-Mar-19	17,737.44	BUY	2,876
Credit Suisse Equities (Australia) Limited	11-Mar-19	4,506.08	BUY	730
Credit Suisse Equities (Australia) Limited	11-Mar-19	9,558.26	BUY	1,550
Credit Suisse Equities (Australia) Limited	11-Mar-19	10,164.00	SEL	-1,650
Credit Suisse Equities (Australia) Limited	11-Mar-19	11,701.46	SEL	-1,899
Credit Suisse Equities (Australia) Limited	12-Mar-19	2,398.08	BUY	388
Credit Suisse Equities (Australia) Limited	12-Mar-19	6,881.23	BUY	1,112
Credit Suisse Equities (Australia) Limited	12-Mar-19	7,939.82	BUY	1,283
Credit Suisse Equities (Australia) Limited	12-Mar-19	4,301.71	BUY	696
Credit Suisse Equities (Australia) Limited	12-Mar-19	1,601.99	SEL	-259
Credit Suisse Equities (Australia) Limited	12-Mar-19	279.00	SEL	-45
Credit Suisse Equities (Australia) Limited	13-Mar-19	8,031.57	BUY	1,294
Credit Suisse Equities (Australia) Limited	13-Mar-19	6,255.64	BUY	1,007

Credit Suisse Equities (Australia) Limited	13-Mar-19	7,342.12	BUY	1,183
Credit Suisse Equities (Australia) Limited	13-Mar-19	7,919.72	BUY	1,276
Credit Suisse Equities (Australia) Limited	13-Mar-19	6,531.70	BUY	1,052
Credit Suisse Equities (Australia) Limited	14-Mar-19	10,595.96	BUY	1,711
Credit Suisse Equities (Australia) Limited	14-Mar-19	5,827.59	BUY	940
Credit Suisse Equities (Australia) Limited	14-Mar-19	6,929.44	BUY	1,119
Credit Suisse Equities (Australia) Limited	14-Mar-19	6,347.35	BUY	1,025
Credit Suisse Equities (Australia) Limited	14-Mar-19	6,700.21	BUY	1,082
Credit Suisse Equities (Australia) Limited	15-Mar-19	11,484.88	BUY	1,860
Credit Suisse Equities (Australia) Limited	15-Mar-19	10,236.32	BUY	1,658
Credit Suisse Equities (Australia) Limited	15-Mar-19	9,100.92	BUY	1,474
Credit Suisse Equities (Australia) Limited	15-Mar-19	9,896.36	BUY	1,603
Credit Suisse Equities (Australia) Limited	15-Mar-19	37.02	SEL	-6
Credit Suisse Equities (Australia) Limited	15-Mar-19	18,312.56	SEL	-2,968
Credit Suisse Equities (Australia) Limited	18-Mar-19	9,084.67	BUY	1,471
Credit Suisse Equities (Australia) Limited	18-Mar-19	5,898.87	BUY	955
Credit Suisse Equities (Australia) Limited	18-Mar-19	7,437.12	BUY	1,204
Credit Suisse Equities (Australia) Limited	18-Mar-19	6,417.25	BUY	1,039
Credit Suisse Equities (Australia) Limited	18-Mar-19	43,841.41	SEL	-7,105
Credit Suisse Equities (Australia) Limited	19-Mar-19	6,246.09	BUY	1,013
Credit Suisse Equities (Australia) Limited	19-Mar-19	9,185.72	BUY	1,490
Credit Suisse Equities (Australia) Limited	19-Mar-19	5,198.11	BUY	843
Credit Suisse Equities (Australia) Limited	19-Mar-19	6,116.65	BUY	992
Credit Suisse Equities (Australia) Limited	19-Mar-19	36,985.10	SEL	-5,994
Credit Suisse Equities (Australia) Limited	20-Mar-19	1,659.09	BUY	268
Credit Suisse Equities (Australia) Limited	20-Mar-19	2,470.06	BUY	399
Credit Suisse Equities (Australia) Limited	20-Mar-19	2,470.06	BUY	399
Credit Suisse Equities (Australia) Limited	20-Mar-19	173,608.26	BUY	28,015

Credit Suisse Equities (Australia) Limited	20-Mar-19	2,463.87	BUY	398
Credit Suisse Equities (Australia) Limited	20-Mar-19	74,893.83	SEL	-12,081
Credit Suisse Equities (Australia) Limited	21-Mar-19	161,175.20	BUY	25,996
Credit Suisse Equities (Australia) Limited	21-Mar-19	6,209.29	BUY	1,003
Credit Suisse Equities (Australia) Limited	21-Mar-19	8,948.60	BUY	1,445
Credit Suisse Equities (Australia) Limited	21-Mar-19	5,763.50	BUY	931
Credit Suisse Equities (Australia) Limited	21-Mar-19	6,370.31	BUY	1,029
Credit Suisse Equities (Australia) Limited	21-Mar-19	62,756.87	SEL	-10,134
Credit Suisse Equities (Australia) Limited	22-Mar-19	3,577.76	BUY	577
Credit Suisse Equities (Australia) Limited	22-Mar-19	2,343.83	BUY	378
Credit Suisse Equities (Australia) Limited	22-Mar-19	2,036.51	BUY	329
Credit Suisse Equities (Australia) Limited	22-Mar-19	2,350.03	BUY	379
Credit Suisse Equities (Australia) Limited	22-Mar-19	2,350.03	BUY	379
Credit Suisse Equities (Australia) Limited	22-Mar-19	34,057.22	SEL	-5,500
Credit Suisse Equities (Australia) Limited	25-Mar-19	5,026.26	BUY	808
Credit Suisse Equities (Australia) Limited	25-Mar-19	7,340.33	BUY	1,180
Credit Suisse Equities (Australia) Limited	25-Mar-19	5,237.76	BUY	842
Credit Suisse Equities (Australia) Limited	25-Mar-19	3,807.02	BUY	612
Credit Suisse Equities (Australia) Limited	25-Mar-19	28,414.38	SEL	-4,571
Credit Suisse Equities (Australia) Limited	27-Mar-19	48,623.16	BUY	7,932
Credit Suisse Equities (Australia) Limited	27-Mar-19	14,416.04	BUY	2,336
Credit Suisse Equities (Australia) Limited	27-Mar-19	10,557.05	BUY	1,714
Credit Suisse Equities (Australia) Limited	27-Mar-19	15,608.19	BUY	2,537
Credit Suisse Equities (Australia) Limited	27-Mar-19	13,167.38	BUY	2,139
Credit Suisse Equities (Australia) Limited	27-Mar-19	508.79	SEL	-83
Credit Suisse Equities (Australia) Limited	28-Mar-19	1,445.39	BUY	235
Credit Suisse Equities (Australia) Limited	28-Mar-19	1,451.55	BUY	236
Credit Suisse Equities (Australia) Limited	28-Mar-19	4,460.44	BUY	726

Credit Suisse Equities (Australia) Limited	28-Mar-19	381,909.90	BUY	62,053
Credit Suisse Equities (Australia) Limited	28-Mar-19	5,192.36	BUY	845
Credit Suisse Equities (Australia) Limited	29-Mar-19	2,427.72	BUY	396
Credit Suisse Equities (Australia) Limited	29-Mar-19	2,427.72	BUY	396
Credit Suisse Equities (Australia) Limited	29-Mar-19	25,767.38	BUY	4,209
Credit Suisse Equities (Australia) Limited	29-Mar-19	16,941.85	BUY	2,768
Credit Suisse Equities (Australia) Limited	29-Mar-19	2,427.72	BUY	396
Credit Suisse Equities (Australia) Limited	29-Mar-19	501.84	SEL	-82
Credit Suisse Equities (Australia) Limited	1-Apr-19	3,530.85	BUY	575
Credit Suisse Equities (Australia) Limited	1-Apr-19	20,216.74	BUY	3,298
Credit Suisse Equities (Australia) Limited	1-Apr-19	6,871.35	BUY	1,119
Credit Suisse Equities (Australia) Limited	1-Apr-19	10,346.93	BUY	1,685
Credit Suisse Equities (Australia) Limited	1-Apr-19	5,962.54	BUY	971
Credit Suisse Equities (Australia) Limited	1-Apr-19	4,918.63	BUY	801
Credit Suisse Equities (Australia) Limited	2-Apr-19	8,715.69	BUY	1,421
Credit Suisse Equities (Australia) Limited	2-Apr-19	41,009.29	BUY	6,680
Credit Suisse Equities (Australia) Limited	2-Apr-19	5,386.32	BUY	878
Credit Suisse Equities (Australia) Limited	2-Apr-19	1,909.73	BUY	311
Credit Suisse Equities (Australia) Limited	2-Apr-19	5,380.19	BUY	877
Credit Suisse Equities (Australia) Limited	2-Apr-19	5,380.19	BUY	877
Credit Suisse Equities (Australia) Limited	3-Apr-19	5,646.25	BUY	921
Credit Suisse Equities (Australia) Limited	3-Apr-19	55,540.12	BUY	9,061
Credit Suisse Equities (Australia) Limited	3-Apr-19	4,276.26	BUY	697
Credit Suisse Equities (Australia) Limited	3-Apr-19	3,246.31	BUY	529
Credit Suisse Equities (Australia) Limited	3-Apr-19	16,749.05	BUY	2,733
Credit Suisse Equities (Australia) Limited	3-Apr-19	4,178.16	BUY	681
Credit Suisse Equities (Australia) Limited	4-Apr-19	828.98	BUY	135
Credit Suisse Equities (Australia) Limited	4-Apr-19	828.98	BUY	135

Credit Suisse Equities (Australia) Limited	4-Apr-19	3,281.71	BUY	535
Credit Suisse Equities (Australia) Limited	4-Apr-19	835.12	BUY	136
Credit Suisse Equities (Australia) Limited	4-Apr-19	57,568.64	SEL	-9,376
Credit Suisse Equities (Australia) Limited	5-Apr-19	5,794.36	BUY	950
Credit Suisse Equities (Australia) Limited	5-Apr-19	6,386.05	BUY	1,047
Credit Suisse Equities (Australia) Limited	5-Apr-19	5,330.82	BUY	874
Credit Suisse Equities (Australia) Limited	5-Apr-19	10,645.23	BUY	1,745
Credit Suisse Equities (Australia) Limited	5-Apr-19	6,679.12	BUY	1,095
Credit Suisse Equities (Australia) Limited	5-Apr-19	40,181.82	SEL	-6,598
Credit Suisse Equities (Australia) Limited	8-Apr-19	3,196.72	BUY	524
Credit Suisse Equities (Australia) Limited	8-Apr-19	1,506.85	BUY	247
Credit Suisse Equities (Australia) Limited	8-Apr-19	9,577.96	BUY	1,570
Credit Suisse Equities (Australia) Limited	8-Apr-19	53,795.90	BUY	8,819
Credit Suisse Equities (Australia) Limited	8-Apr-19	1,500.75	BUY	246
Credit Suisse Equities (Australia) Limited	8-Apr-19	5,325.83	BUY	873
Credit Suisse Equities (Australia) Limited	9-Apr-19	7,988.92	BUY	1,314
Credit Suisse Equities (Australia) Limited	9-Apr-19	11,508.75	BUY	1,893
Credit Suisse Equities (Australia) Limited	9-Apr-19	1,505.51	BUY	248
Credit Suisse Equities (Australia) Limited	9-Apr-19	7,562.53	BUY	1,244
Credit Suisse Equities (Australia) Limited	9-Apr-19	4,958.51	BUY	816
Credit Suisse Equities (Australia) Limited	10-Apr-19	4,515.42	BUY	743
Credit Suisse Equities (Australia) Limited	10-Apr-19	5,988.80	BUY	985
Credit Suisse Equities (Australia) Limited	10-Apr-19	3,900.95	BUY	642
Credit Suisse Equities (Australia) Limited	10-Apr-19	8,452.78	BUY	1,390
Credit Suisse Equities (Australia) Limited	10-Apr-19	20,938.52	BUY	3,440
Credit Suisse Equities (Australia) Limited	10-Apr-19	3,505.68	BUY	577
Credit Suisse Equities (Australia) Limited	11-Apr-19	3,278.13	BUY	540
Credit Suisse Equities (Australia) Limited	11-Apr-19	8,911.65	BUY	1,468

Credit Suisse Equities (Australia) Limited	11-Apr-19	2,878.60	BUY	474
Credit Suisse Equities (Australia) Limited	11-Apr-19	687.11	BUY	113
Credit Suisse Equities (Australia) Limited	11-Apr-19	27,220.84	SEL	-4,485
Credit Suisse Equities (Australia) Limited	12-Apr-19	2,155.07	BUY	355
Credit Suisse Equities (Australia) Limited	12-Apr-19	3,011.02	BUY	496
Credit Suisse Equities (Australia) Limited	12-Apr-19	9,204.60	BUY	1,516
Credit Suisse Equities (Australia) Limited	16-Apr-19	1,045.86	BUY	172
Credit Suisse Equities (Australia) Limited	16-Apr-19	3,513.02	BUY	578
Credit Suisse Equities (Australia) Limited	16-Apr-19	5,226.69	BUY	860
Credit Suisse Equities (Australia) Limited	16-Apr-19	2,484.60	BUY	409
Credit Suisse Equities (Australia) Limited	16-Apr-19	1,045.86	BUY	172
Credit Suisse Equities (Australia) Limited	17-Apr-19	11,616.25	BUY	1,929
Credit Suisse Equities (Australia) Limited	17-Apr-19	10,495.43	BUY	1,743
Credit Suisse Equities (Australia) Limited	17-Apr-19	9,056.50	BUY	1,504
Credit Suisse Equities (Australia) Limited	17-Apr-19	8,730.80	BUY	1,450
Credit Suisse Equities (Australia) Limited	17-Apr-19	9,622.44	BUY	1,598
Credit Suisse Equities (Australia) Limited	18-Apr-19	11,615.68	BUY	1,929
Credit Suisse Equities (Australia) Limited	18-Apr-19	13,549.30	BUY	2,250
Credit Suisse Equities (Australia) Limited	18-Apr-19	28,473.01	BUY	4,727
Credit Suisse Equities (Australia) Limited	18-Apr-19	10,592.18	BUY	1,759
Credit Suisse Equities (Australia) Limited	18-Apr-19	11,910.69	BUY	1,978
Credit Suisse Equities (Australia) Limited	23-Apr-19	132,201.72	BUY	21,924
Credit Suisse Equities (Australia) Limited	23-Apr-19	8,169.96	BUY	1,357
Credit Suisse Equities (Australia) Limited	23-Apr-19	6,875.53	BUY	1,142
Credit Suisse Equities (Australia) Limited	23-Apr-19	4,545.55	BUY	755
Credit Suisse Equities (Australia) Limited	23-Apr-19	3,142.75	BUY	522
Credit Suisse Equities (Australia) Limited	23-Apr-19	6,026.62	BUY	1,001
Credit Suisse Equities (Australia) Limited	24-Apr-19	132,201.72	BUY	21,924

Credit Suisse Equities (Australia) Limited	24-Apr-19	254,930.00	BUY	42,224
Credit Suisse Equities (Australia) Limited	24-Apr-19	989.02	BUY	164
Credit Suisse Equities (Australia) Limited	24-Apr-19	15,264.77	BUY	2,526
Credit Suisse Equities (Australia) Limited	24-Apr-19	3,093.70	BUY	513
Credit Suisse Equities (Australia) Limited	24-Apr-19	27,241.08	BUY	4,499
Credit Suisse Equities (Australia) Limited	24-Apr-19	989.02	BUY	164
Credit Suisse Equities (Australia) Limited	24-Apr-19	18,217.52	BUY	3,015
Credit Suisse Equities (Australia) Limited	26-Apr-19	3,729.38	BUY	613
Credit Suisse Equities (Australia) Limited	26-Apr-19	2,117.65	BUY	348
Credit Suisse Equities (Australia) Limited	26-Apr-19	11,868.74	BUY	1,950
Credit Suisse Equities (Australia) Limited	26-Apr-19	3,735.48	BUY	614
Credit Suisse Equities (Australia) Limited	26-Apr-19	3,832.93	BUY	630
Credit Suisse Equities (Australia) Limited	29-Apr-19	2,253.53	BUY	370
Credit Suisse Equities (Australia) Limited	29-Apr-19	5,353.65	BUY	879
Credit Suisse Equities (Australia) Limited	29-Apr-19	2,229.16	BUY	366
Credit Suisse Equities (Australia) Limited	29-Apr-19	5,073.70	BUY	833
Credit Suisse Equities (Australia) Limited	29-Apr-19	2,241.34	BUY	368
Credit Suisse Equities (Australia) Limited	29-Apr-19	2,344.88	BUY	385

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash (NZD)	Nature of change	Ordinary shares
Credit Suisse Securities (Europe) Limited	31-Dec-18	367,840.17	BUY	58,329
Credit Suisse Securities (Europe) Limited	3-Jan-19	1,951,713.96	BUY	308,590
Credit Suisse Securities (Europe) Limited	3-Jan-19	1,359,176.93	BUY	214,764
Credit Suisse Securities (Europe) Limited	3-Jan-19	93,564.12	BUY	14,800
Credit Suisse Securities (Europe) Limited	4-Jan-19	4,374,080.91	BUY	691,410
Credit Suisse Securities (Europe) Limited	4-Jan-19	1,887,030.00	BUY	300,000
Credit Suisse Securities (Europe) Limited	7-Jan-19	1,894,800.00	BUY	300,000

Credit Suisse Securities (Europe) Limited	8-Jan-19	1,580,375.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	8-Jan-19	1,580,000.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	9-Jan-19	25.32	Buy	4
Credit Suisse Securities (Europe) Limited	9-Jan-19	326,533.05	BUY	51,585
Credit Suisse Securities (Europe) Limited	9-Jan-19	2,532,000.00	BUY	400,000
Credit Suisse Securities (Europe) Limited	9-Jan-19	210,977.80	BUY	33,331
Credit Suisse Securities (Europe) Limited	10-Jan-19	79,874.29	BUY	12,611
Credit Suisse Securities (Europe) Limited	10-Jan-19	2,215,500.00	BUY	350,000
Credit Suisse Securities (Europe) Limited	10-Jan-19	1,584,875.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	11-Jan-19	53,306.72	BUY	8,408
Credit Suisse Securities (Europe) Limited	11-Jan-19	375,304.32	BUY	59,200
Credit Suisse Securities (Europe) Limited	14-Jan-19	3,221,024.32	BUY	508,048
Credit Suisse Securities (Europe) Limited	14-Jan-19	71,730.76	BUY	11,314
Credit Suisse Securities (Europe) Limited	15-Jan-19	1,583,500.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	15-Jan-19	244,895.37	BUY	38,674
Credit Suisse Securities (Europe) Limited	15-Jan-19	1,475,928.56	BUY	233,533
Credit Suisse Securities (Europe) Limited	16-Jan-19	1,267,266.00	BUY	200,000
Credit Suisse Securities (Europe) Limited	16-Jan-19	6,340,254.00	BUY	1,000,000
Credit Suisse Securities (Europe) Limited	16-Jan-19	118,272.73	BUY	18,683
Credit Suisse Securities (Europe) Limited	16-Jan-19	950,130.00	BUY	150,000
Credit Suisse Securities (Europe) Limited	17-Jan-19	2,391,453.22	BUY	376,824
Credit Suisse Securities (Europe) Limited	17-Jan-19	380,568.00	BUY	60,000
Credit Suisse Securities (Europe) Limited	17-Jan-19	355,501.25	BUY	56,048
Credit Suisse Securities (Europe) Limited	17-Jan-19	951,510.00	BUY	150,000
Credit Suisse Securities (Europe) Limited	17-Jan-19	1,903,500.00	BUY	300,000
Credit Suisse Securities (Europe) Limited	17-Jan-19	3,174,750.00	BUY	500,000
Credit Suisse Securities (Europe) Limited	17-Jan-19	380,568.00	SELL	(60,000)
Credit Suisse Securities (Europe) Limited	18-Jan-19	10,291,153.02	BUY	1,623,176

Credit Suisse Securities (Europe) Limited	18-Jan-19	1,201,389.31	BUY	189,727
Credit Suisse Securities (Europe) Limited	18-Jan-19	1,583,300.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	18-Jan-19	1,531,680.26	BUY	241,609
Credit Suisse Securities (Europe) Limited	21-Jan-19	354,777.51	BUY	56,047
Credit Suisse Securities (Europe) Limited	21-Jan-19	1,266,000.00	BUY	200,000
Credit Suisse Securities (Europe) Limited	22-Jan-19	1,267,340.00	BUY	200,000
Credit Suisse Securities (Europe) Limited	22-Jan-19	414,526.83	BUY	65,390
Credit Suisse Securities (Europe) Limited	23-Jan-19	6,346,340.00	BUY	1,000,000
Credit Suisse Securities (Europe) Limited	23-Jan-19	1,584,400.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	23-Jan-19	514,320.84	BUY	81,127
Credit Suisse Securities (Europe) Limited	23-Jan-19	594,692.00	BUY	93,800
Credit Suisse Securities (Europe) Limited	24-Jan-19	6,346,340.00	BUY	1,000,000
Credit Suisse Securities (Europe) Limited	24-Jan-19	469,058.56	BUY	73,984
Credit Suisse Securities (Europe) Limited	24-Jan-19	1,585,000.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	25-Jan-19	267,327.94	BUY	42,036
Credit Suisse Securities (Europe) Limited	28-Jan-19	7,727.40	BUY	1,215
Credit Suisse Securities (Europe) Limited	29-Jan-19	12.72	Buy	2
Credit Suisse Securities (Europe) Limited	29-Jan-19	222,987.11	BUY	35,081
Credit Suisse Securities (Europe) Limited	29-Jan-19	326,892.32	BUY	51,471
Credit Suisse Securities (Europe) Limited	29-Jan-19	2,540,000.00	BUY	400,000
Credit Suisse Securities (Europe) Limited	30-Jan-19	2,220,995.00	BUY	350,000
Credit Suisse Securities (Europe) Limited	30-Jan-19	1,593,625.49	BUY	251,202
Credit Suisse Securities (Europe) Limited	30-Jan-19	221,506.14	BUY	34,890
Credit Suisse Securities (Europe) Limited	30-Jan-19	2,220,400.00	SELL	(350,000)
Credit Suisse Securities (Europe) Limited	31-Jan-19	1,585,900.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	31-Jan-19	296,257.83	BUY	46,707
Credit Suisse Securities (Europe) Limited	1-Feb-19	286,130.54	BUY	45,131
Credit Suisse Securities (Europe) Limited	1-Feb-19	1,582,950.00	BUY	250,000

Credit Suisse Securities (Europe) Limited	1-Feb-19	1,096,450.02	BUY	173,100
Credit Suisse Securities (Europe) Limited	1-Feb-19	334,973.90	SELL	(52,835)
Credit Suisse Securities (Europe) Limited	7-Feb-19	632,632.00	BUY	100,000
Credit Suisse Securities (Europe) Limited	7-Feb-19	53,179.92	BUY	8,388
Credit Suisse Securities (Europe) Limited	7-Feb-19	727,950.00	BUY	115,000
Credit Suisse Securities (Europe) Limited	7-Feb-19	316,936.89	BUY	50,019
Credit Suisse Securities (Europe) Limited	7-Feb-19	1,342,403.20	BUY	212,576
Credit Suisse Securities (Europe) Limited	7-Feb-19	53,179.92	SELL	(8,388)
Credit Suisse Securities (Europe) Limited	11-Feb-19	1,037,673.00	BUY	162,900
Credit Suisse Securities (Europe) Limited	12-Feb-19	738,862.00	BUY	116,000
Credit Suisse Securities (Europe) Limited	12-Feb-19	6,376,400.00	BUY	1,000,000
Credit Suisse Securities (Europe) Limited	13-Feb-19	2,546,750.00	BUY	400,000
Credit Suisse Securities (Europe) Limited	13-Feb-19	2,589,620.12	BUY	406,779
Credit Suisse Securities (Europe) Limited	14-Feb-19	3,185,000.00	BUY	500,000
Credit Suisse Securities (Europe) Limited	18-Feb-19	3,289,707.36	BUY	515,113
Credit Suisse Securities (Europe) Limited	21-Feb-19	726,381.12	BUY	113,600
Credit Suisse Securities (Europe) Limited	21-Feb-19	270,986.88	BUY	42,432
Credit Suisse Securities (Europe) Limited	22-Feb-19	1,307,707.10	BUY	204,765
Credit Suisse Securities (Europe) Limited	26-Feb-19	2,229,500.00	BUY	350,000
Credit Suisse Securities (Europe) Limited	28-Feb-19	195,802.20	BUY	30,690
Credit Suisse Securities (Europe) Limited	28-Feb-19	585,046.00	BUY	91,700
Credit Suisse Securities (Europe) Limited	4-Mar-19	1,984,388.33	BUY	309,705
Credit Suisse Securities (Europe) Limited	6-Mar-19	700,613.00	BUY	109,300
Credit Suisse Securities (Europe) Limited	6-Mar-19	3,843,840.00	BUY	600,000
Credit Suisse Securities (Europe) Limited	11-Mar-19	1827.54	SELL	-286
Credit Suisse Securities (Europe) Limited	11-Mar-19	284,643.70	BUY	44,615
Credit Suisse Securities (Europe) Limited	11-Mar-19	1,917,900.00	BUY	300,000
Credit Suisse Securities (Europe) Limited	11-Mar-19	284,643.70	SELL	(44,615)

Credit Suisse Securities (Europe) Limited	11-Mar-19	23,636.34	SELL	(3,704)
Credit Suisse Securities (Europe) Limited	13-Mar-19	1,574,739.20	BUY	246,053
Credit Suisse Securities (Europe) Limited	19-Mar-19	12.8	BUY	2
Credit Suisse Securities (Europe) Limited	20-Mar-19	12499.2	SELL	-1953
Credit Suisse Securities (Europe) Limited	21-Mar-19	204.8	SELL	-32
Credit Suisse Securities (Europe) Limited	25-Mar-19	4878.01	BUY	761
Credit Suisse Securities (Europe) Limited	26-Mar-19	21,604,864.00	SELL	(3,375,760)
Credit Suisse Securities (Europe) Limited	26-Mar-19	58,947,078.40	SELL	(9,210,481)
Credit Suisse Securities (Europe) Limited	1-Apr-19	198,028.80	BUY	30,942
Credit Suisse Securities (Europe) Limited	1-Apr-19	198,028.80	BUY	30,942
Credit Suisse Securities (Europe) Limited	1-Apr-19	198,028.80	SELL	(30,942)
Credit Suisse Securities (Europe) Limited	1-Apr-19	488,442.00	BUY	76,200
Credit Suisse Securities (Europe) Limited	1-Apr-19	1,923,000.00	BUY	300,000
Credit Suisse Securities (Europe) Limited	1-Apr-19	402,315.72	BUY	62,666
Credit Suisse Securities (Europe) Limited	1-Apr-19	196,025.60	SELL	(30,629)
Credit Suisse Securities (Europe) Limited	2-Apr-19	83,960.76	BUY	13,078
Credit Suisse Securities (Europe) Limited	2-Apr-19	541,605.33	BUY	84,231
Credit Suisse Securities (Europe) Limited	2-Apr-19	83,590.00	SELL	(13,000)
Credit Suisse Securities (Europe) Limited	3-Apr-19	683,383.32	BUY	106,446
Credit Suisse Securities (Europe) Limited	3-Apr-19	2,985,088.92	BUY	464,244
Credit Suisse Securities (Europe) Limited	3-Apr-19	541,592.47	BUY	84,229
Credit Suisse Securities (Europe) Limited	4-Apr-19	2,331,222.22	BUY	362,554
Credit Suisse Securities (Europe) Limited	4-Apr-19	545,712.72	BUY	84,738
Credit Suisse Securities (Europe) Limited	5-Apr-19	2,331,222.22	BUY	362,554
Credit Suisse Securities (Europe) Limited	8-Apr-19	545,326.32	BUY	84,678
Credit Suisse Securities (Europe) Limited	9-Apr-19	15,881.04	BUY	2,466
Credit Suisse Securities (Europe) Limited	9-Apr-19	1,929,000.00	BUY	300,000
Credit Suisse Securities (Europe) Limited	9-Apr-19	478,318.12	BUY	74,273

Credit Suisse Securities (Europe) Limited	10-Apr-19	2,250,325.00	BUY	350,000
Credit Suisse Securities (Europe) Limited	10-Apr-19	538,943.31	BUY	83,817
Credit Suisse Securities (Europe) Limited	11-Apr-19	476,366.55	BUY	74,085
Credit Suisse Securities (Europe) Limited	11-Apr-19	2,571,750.00	BUY	400,000
Credit Suisse Securities (Europe) Limited	12-Apr-19	344,701.16	BUY	53,535
Credit Suisse Securities (Europe) Limited	15-Apr-19	1,607,500.00	BUY	250,000
Credit Suisse Securities (Europe) Limited	15-Apr-19	317,137.80	BUY	49,245
Credit Suisse Securities (Europe) Limited	16-Apr-19	964,500.00	BUY	150,000
Credit Suisse Securities (Europe) Limited	16-Apr-19	271,407.36	BUY	42,144
Credit Suisse Securities (Europe) Limited	17-Apr-19	271,400.92	BUY	42,143
Credit Suisse Securities (Europe) Limited	18-Apr-19	12,995.92	BUY	2,018
Credit Suisse Securities (Europe) Limited	18-Apr-19	43,553.71	BUY	6,763
Credit Suisse Securities (Europe) Limited	18-Apr-19	89,052.32	BUY	13,828
Credit Suisse Securities (Europe) Limited	18-Apr-19	125,612.20	BUY	19,505
Credit Suisse Securities (Europe) Limited	23-Apr-19	251,577.93	BUY	39,122
Credit Suisse Securities (Europe) Limited	24-Apr-19	274,865.64	BUY	42,681
Credit Suisse Securities (Europe) Limited	26-Apr-19	416,824.75	BUY	64,825
Credit Suisse Securities (Europe) Limited	29-Apr-19	277,100.32	BUY	43,028
Credit Suisse Securities (Europe) Limited	29-Apr-19	10,017,229.37	BUY	1,556,679

Additional information

Address(es) of substantial product holder(s):

Name	Address
Credit Suisse Holdings (Australia) Limited (ACN 008 496 713)	Level 31, Gateway, 1 Macquarie Place, Sydney NSW 2000, Australia
Credit Suisse Fourth Nominees Pty Limited (ACN 069 126 432)	Level 31, Gateway, 1 Macquarie Place, Sydney NSW 2000, Australia
Credit Suisse Third Nominees Pty Limited (ACN 069 126 432)	Level 31, Gateway, 1 Macquarie Place, Sydney NSW 2000, Australia
Credit Suisse Equities (Australia) Limited (ACN 068 232 708)	Level 31, Gateway, 1 Macquarie Place, Sydney NSW 2000, Australia
Credit Suisse Securities (Europe) Limited (ARBN 099554131)	One Cabot Square, London, E14 4QJ
Credit Suisse Funds AG	Uetlibergstrasse 231, Zurich, 8045

Contact details: Lim Wee Lee

Tel: +65 6306 7902

Contact details: Franky Chen

Tel: +65 6212 3426

Email: apac.rsr@credit-suisse.com

Nature of connection between substantial product holders:

Name and ACN/ARSN (if applicable)	Nature of association
Credit Suisse Securities (Europe) Limited (ARBN 099554131)	Related Body Corporate
Credit Suisse Funds AG	Related Body Corporate
Credit Suisse Equities (Australia) Limited (ACN 068 232 708)	Related Body Corporate

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: **None**

Certification

We 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.

Signature

Credit Suisse Holdings (Australia) Limited (ACN 008 496 713)

print name Winston Loke

capacity Authorised Signatory

sign here

date 2-May-2019

