

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: NZX Limited

and

To: The A2 Milk Company Limited

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

Date of relevant event: 27 November 2019

Date this disclosure made: 29 November 2019

Date last disclosure made: 22 November 2019

Substantial product holder(s) giving disclosure

Full name(s): **UBS Group AG and its related bodies corporate**

Summary of substantial holding

Class of quoted voting products: **Ordinary shares**

Summary for: **UBS Group AG and its related bodies corporate**

For this disclosure,—

(a) total number held in class: 40,400,679 shares

(b) total in class: 735,880,598 shares

(c) total percentage held in class: 5.49%

For **last** disclosure,—

(a) total number held in class: 47,913,191 shares

(b) total in class: 735,380,598 shares

(c) total percentage held in class: 6.52%

Details of transactions and events giving rise to relevant event

Details of the transactions or other events requiring disclosure: Please see Appendix A.

Details for: UBS Switzerland AG

Nature of relevant interest(s): Broker has the right to use over this position under a Securities Lending agreement

For that relevant interest,—

(a) number held in class: 115,240

(b) percentage held in class: 0.02%

(c) current registered holder(s): Not applicable

- (d) registered holder(s) once transfers are registered: UBS Switzerland AG

Nature of relevant interest(s): Broker with power to exercise discretion over account

For that relevant interest,—

- (a) number held in class: 18,734
- (b) percentage held in class: 0.00%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Switzerland AG

Nature of relevant interest(s): Power to control disposal over shares pursuant to stock borrowing and lending activities

For that relevant interest,—

- (a) number held in class: 118,641
- (b) percentage held in class: 0.02%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Switzerland AG

For a derivative relevant interest, also—

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

Details for: UBS Asset Management (Australia) Ltd

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 3,842,014
- (b) percentage held in class: 0.52%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Asset Management (Australia) Ltd

For a derivative relevant interest, also—

- (a) type of derivative: Not applicable
- (b) details of derivative: Not applicable
- (c) parties to the derivative: Not applicable
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant

interest in the derivative: Not applicable

Details for: UBS Asset Management (Deutschland) GmbH

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 16,902
- (b) percentage held in class: 0.00%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Asset Management (Deutschland) GmbH

For a derivative relevant interest, also—

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

Details for: UBS Asset Management Life Limited

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 263,510
- (b) percentage held in class: 0.04%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Asset Management Life Limited

For a derivative relevant interest, also—

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

Details for: UBS Asset Management Switzerland AG

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 411,967
- (b) percentage held in class: 0.06%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Asset Management Switzerland AG

For a derivative relevant interest, also—

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

Details for: UBS Asset Management Trust Company

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 48,117
- (b) percentage held in class: 0.01%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Asset Management Trust Company

For a derivative relevant interest, also—

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

Details for: UBS Asset Management (UK) Limited

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 437,806
- (b) percentage held in class: 0.05%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Asset Management (UK) Limited

For a derivative relevant interest, also—

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

Details for: UBS Fund Management (Luxembourg) S.A.

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 201,116
- (b) percentage held in class: 0.03%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Fund Management (Luxembourg) S.A.

For a derivative relevant interest, also—

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

Details for: UBS Fund Management (Switzerland) AG

Nature of relevant interest(s): Fund Manager with power to exercise control over voting shares

For that relevant interest,—

- (a) number held in class: 809,614
- (b) percentage held in class: 0.11%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Fund Management (Switzerland) AG

For a derivative relevant interest, also—

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

Details for: UBS AG Australia Branch

Nature of relevant interest(s): Prime Broker that has exercised its borrowing right in respect of shares pursuant to a Prime Broking Agreement

For that relevant interest,—

- (a) number held in class: 261,068
- (b) percentage held in class: 0.04%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS AG Australia Branch

For a derivative relevant interest, also—

- (a) type of derivative: Not applicable
- (b) details of derivative: Not applicable
- (c) parties to the derivative: Not applicable

- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: Not applicable

Details for: UBS AG London Branch

Nature of relevant interest(s): Power to control disposal over shares pursuant to stock borrowing and lending activities

For that relevant interest,—

- (a) number held in class: 5,013,513
- (b) percentage held in class: 0.68%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS AG London Branch

Nature of relevant interest(s): Beneficial Owner

For that relevant interest,—

- (a) number held in class: 450,216
- (b) percentage held in class: 0.06%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS AG London Branch

Nature of relevant interest(s): Prime Broker that has exercised its borrowing right in respect of shares pursuant to a Prime Broking Agreement

For that relevant interest,—

- (a) number held in class: 924,976
- (b) percentage held in class: 0.12%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS AG London Branch

For a derivative relevant interest, also—

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

Details for: UBS Securities Australia Ltd

For a derivative relevant interest, also—

- (a) type of derivative: swap
- (b) details of derivative: 26,374,101 cash-settled swap (3.58% held in class)

- (c) parties to the derivative: various clients entering into equity swap transactions through UBS Securities Australia Ltd
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: Not applicable

For a derivative relevant interest, also—

- (a) type of derivative: Options
- (b) details of derivative: 725,358 Physical-settled Options (0.10% held in class)
- (c) parties to the derivative: Not applicable
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: UBS Securities Australia Ltd

Details for: UBS Securities LLC

Nature of relevant interest(s): Power to control disposal over shares pursuant to stock borrowing and lending activities

For that relevant interest,—

- (a) number held in class: 365,000
- (b) percentage held in class: 0.05%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Securities LLC

Nature of relevant interest(s): Prime Broker that has exercised its borrowing right in respect of shares pursuant to a Prime Broking Agreement

For that relevant interest,—

- (a) number held in class: 2,786
- (b) percentage held in class: 0.00%
- (c) current registered holder(s): Not applicable
- (d) registered holder(s) once transfers are registered: UBS Securities LLC

For a derivative relevant interest, also—

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

Details of transactions and events giving rise to substantial holding

Details of the transactions or other events requiring disclosure: Please see Appendix A.

Additional information

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

Name	Addresses
UBS Switzerland AG	Bahnhofstrasse 45, Zürich, Switzerland
UBS Asset Management (Australia) Ltd	Level 16, Chifley Tower, 2 Chifley Square, Sydney, Australia
UBS Asset Management (Deutschland) GmbH	Bockenheimer Landstrasse 2-4, Frankfurt am Main, Germany
UBS Asset Management Life Limited	5 Broadgate, London, United Kingdom
UBS Asset Management Switzerland AG	Bahnhofstrasse 45, Zürich Switzerland
UBS Asset Management Trust Company	Illinois Corporation Service Company 801 Adlai Stevenson Drive, Springfield, IL, USA
UBS Asset Management (UK) Limited	5 Broadgate, London, United Kingdom
UBS Fund Management (Luxembourg) S.A	33A avenue J.F. Kennedy, Luxembourg
UBS Fund Management (Switzerland) AG	Aeschenplatz 6, Basel, Switzerland
UBS AG Australia Branch	Level 16, Chifley Tower, 2 Chifley Square, Sydney, Australia
UBS AG London Branch	5 Broadgate, London, United Kingdom
UBS Securities Australia Ltd	Level 16, Chifley Tower, 2 Chifley Square, Sydney, Australia
UBS Securities LLC	Corporation Service Company 251 Little Falls Drive, Wilmington, Delaware, USA

Contact details: **Andrew Costley**

Tel: **+852 3712 3707**

Email: andrew.costley@ubs.com

Nature of connection between substantial product holders:

UBS Switzerland AG: Related body corporate

UBS Asset Management (Australia) Ltd: Related body corporate

UBS Asset Management (Deutschland) GmbH: Related body corporate

UBS Asset Management Life Limited: Related body corporate

UBS Asset Management Switzerland AG: Related body corporate

UBS Asset Management Trust Company: Related body corporate

UBS Asset Management (UK) Limited: Related body corporate

UBS Fund Management (Luxembourg) S.A.: Related body corporate

UBS Fund Management (Switzerland) AG: Related body corporate

UBS AG Australia Branch: Related body corporate

UBS AG London Branch: Related body corporate

UBS Securities Australia Ltd: Related body corporate

UBS Securities LLC: 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: Not applicable

Certification

We, certify that, to the best of our knowledge and belief, the information contained in this disclosure is correct and that we are duly authorised to make this disclosure by all persons for whom it is made.

SIGNATURE

Print Name: Andrew Costley

Capacity: Authorised signatory

Sign Here:

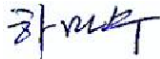


Date: 29 November 2019

Print Name: Minsoo Ha

Capacity: Authorised signatory

Sign Here:



Date: 29 November 2019

ATM - Appendix A					
Date of change	Person whose relevant interest changed	Nature of Change	Consideration given in relation to change	Number of securities	Class
21-Nov-19	UBS AG London Branch	sell	2,012	(136)	Ordinary
21-Nov-19	UBS AG London Branch	sell	19,810	(1,344)	Ordinary
21-Nov-19	UBS AG London Branch	sell	24,354	(1,656)	Ordinary
21-Nov-19	UBS AG London Branch	stock returned	N/A	(20,000)	Ordinary
21-Nov-19	UBS AG London Branch	stock returned	N/A	(576)	Ordinary
21-Nov-19	UBS AG, Australia Branch	sell	107,848	(7,400)	Ordinary
21-Nov-19	UBS AG, Australia Branch	buy	147,525	10,000	Ordinary
21-Nov-19	UBS AG, Australia Branch	sell	146,948	(10,000)	Ordinary
21-Nov-19	UBS AG, Australia Branch	sell	49,033	(3,366)	Ordinary
21-Nov-19	UBS Asset Management	buy	43,237	2,939	Ordinary
21-Nov-19	UBS Fund Management (Luxembourg) SA	buy	43,233	2,939	Ordinary
21-Nov-19	UBS Fund Management (Switzerland) AG	sell	136,273	(9,264)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(5,292)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	5,243	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	319,386	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(312,985)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	24,925	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(99,267)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	101,632	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	294,545	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(447,883)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	159,821	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(337,400)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(927)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	3,426	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(188)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(6,218)	Swaps
21-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	4,149	Swaps
21-Nov-19	UBS Securities Australia Ltd	sell	15	(1)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	552	(38)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	109,898	(7,562)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	15	(1)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	29	(2)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	349	(24)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	3,988	(277)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	57,957	(3,988)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	77,315	(5,320)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	13,908	(957)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	36,841	(2,535)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	104,419	(7,185)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	105,611	(7,267)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	29	2	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	900	62	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	8,801	606	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	29,425	2,026	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	1,147	(79)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	77,248	5,292	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	77,125	(5,243)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	4,666,771	(319,386)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	4,583,100	312,985	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	363,943	(24,925)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	1,452,950	99,267	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	1,485,048	(101,632)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	4,310,173	(294,545)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	6,538,357	447,883	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	2,326,009	(159,821)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	4,918,685	337,400	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	13,577	927	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	50,348	(3,426)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	2,723	188	Ordinary
21-Nov-19	UBS Securities Australia Ltd	buy	90,391	6,218	Ordinary
21-Nov-19	UBS Securities Australia Ltd	sell	61,071	(4,149)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	stock borrowed	N/A	2,500,000	Ordinary
21-Nov-19	UBS Securities Australia Ltd	stock returned	N/A	(6,000,000)	Ordinary
21-Nov-19	UBS Securities Australia Ltd	stock returned	N/A	(2,000,000)	Ordinary
21-Nov-19	UBS Switzerland AG	stock borrowed	N/A	769,000	Ordinary
21-Nov-19	UBS Switzerland AG	stock returned	N/A	(3)	Ordinary
21-Nov-19	UBS Switzerland AG	stock returned	N/A	(1)	Ordinary
21-Nov-19	UBS Switzerland AG	stock returned	N/A	(768,999)	Ordinary
21-Nov-19	UBS AG London Branch	buy	3,545	241	Ordinary
22-Nov-19	UBS AG London Branch	sell	2,031	(136)	Ordinary
22-Nov-19	UBS AG London Branch	stock returned	N/A	(896)	Ordinary
22-Nov-19	UBS AG London Branch	stock returned	N/A	(3,859)	Ordinary
22-Nov-19	UBS AG, Australia Branch	sell	73,343	(5,000)	Ordinary
22-Nov-19	UBS AG, Australia Branch	buy	221,760	15,000	Ordinary
22-Nov-19	UBS AG, Australia Branch	sell	73,479	(5,000)	Ordinary
22-Nov-19	UBS AG, Australia Branch	buy	14,648	1,000	Ordinary

22-Nov-19	UBS AG, Australia Branch	sell	295,050	(20,000)	Ordinary
22-Nov-19	UBS AG, Australia Branch	buy	279,101	19,000	Ordinary
22-Nov-19	UBS AG, Australia Branch	buy	64,846	4,385	Ordinary
22-Nov-19	UBS AG, Australia Branch	buy	47,293	3,198	Ordinary
22-Nov-19	UBS AG, Australia Branch	buy	70,525	4,769	Ordinary
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	343	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	246,920	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(234,702)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	1,436	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	7,004	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	142,699	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(159,113)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	18,322	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	190,695	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(339,762)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	149,071	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(5,003)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(12,794)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	3,200	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(244,246)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	4,578	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	1,643	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(27,442)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(16,095)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	408	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(19,033)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	817	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(23,402)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	22,765	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(970)	Swaps
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(535)	Swaps
22-Nov-19	UBS Securities Australia Ltd	buy	15	1	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	323	22	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	1,116	76	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	64,178	4,369	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	85,948	5,851	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	925	(63)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	17,801	(1,212)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	103	(7)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	44	(3)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	662	(45)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	88	(6)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	162	(11)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,002	(204)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	368	(25)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,369	(229)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,105	(211)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	677	(46)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	59	(4)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,561	(242)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	280	(19)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	206	(14)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	427	(29)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,340	(227)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	486	(33)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,502	(238)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	544	(37)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	1,663	(113)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	1,957	(133)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	11,123	(756)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	5,376	365	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	543,306	(36,986)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	5,044	(343)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	3,637,528	(246,920)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	3,462,811	234,702	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	21,124	(1,436)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	103,130	(7,004)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	2,105,991	(142,699)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	2,345,093	(159,113)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	270,363	(18,322)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	2,815,093	(190,695)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	5,008,236	339,762	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	2,195,382	(149,071)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	73,882	5,003	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	188,606	12,794	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	47,040	(3,200)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	3,600,623	244,246	Ordinary
22-Nov-19	UBS Securities Australia Ltd	buy	67,314	(4,578)	Ordinary
22-Nov-19	UBS Securities Australia Ltd	sell	24,296	(1,643)	Ordinary

22-Nov-19	UBS Securities Australia Ltd	Buy		405,193	27,442	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Buy		237,441	16,095	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Sell		6,025	(408)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Buy		280,163	19,033	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Sell		12,069	(817)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Buy		331,089	22,407	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Sell		336,308	(22,769)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Buy		14,254	970	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Buy		7,856	535	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(822,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(100,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(160,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(750,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(50,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(50,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(128,000)	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Stock returned		N/A	(15,299)	Ordinary		
22-Nov-19	UBS Switzerland AG	Stock borrowed		N/A	768,999	Ordinary		
22-Nov-19	UBS Switzerland AG	Stock borrowed		N/A	1	Ordinary		
22-Nov-19	UBS Switzerland AG	Stock borrowed		N/A	7	Ordinary		
22-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	400	Options		
25-Nov-19	UBS AG London Branch	Sell		9,186	(617)	Ordinary		
25-Nov-19	UBS AG London Branch	Sell		2,346	(158)	Ordinary		
25-Nov-19	UBS AG, Australia Branch	Sell		73,553	(5,000)	Ordinary		
25-Nov-19	UBS AG, Australia Branch	Buy		226,206	15,338	Ordinary		
25-Nov-19	UBS AG, Australia Branch	Buy		161,197	10,930	Ordinary		
25-Nov-19	UBS AG, Australia Branch	Buy		7,064	479	Ordinary		
25-Nov-19	UBS AG, Australia Branch	Buy		66,773	4,528	Ordinary		
25-Nov-19	UBS AG, Australia Branch	Buy		179,499	12,171	Ordinary		
25-Nov-19	UBS Asset Management	Buy		68,434	4,611	Ordinary		
25-Nov-19	UBS Fund Management (Luxembourg) SA	Buy		68,427	4,611	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	3,262	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(216,438)	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	180,825	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	30,273	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	12,962	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(3,492)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	9,499	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(234,732)	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	120,537	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(222,935)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	53,577	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	165,341	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(684)	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(2,464)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(934)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(1,900)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	2,472	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(2,529)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(27,299)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(13,326)	Swaps		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(120,993)	swaps		
25-Nov-19	UBS Securities Australia Ltd	Buy		15	1	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy		206	14	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy		1,603	109	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy		29	2	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy		176	12	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy		44	3	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy		132	9	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		118	(8)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		2,115	(144)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		30	(2)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		89	(6)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		2,242	(152)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		5,252	(356)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		856	(58)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		15	(1)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		103	(7)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		162	(11)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		531	(36)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		753	(51)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		1,770	(120)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		2,478	(168)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		2,950	(200)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		30	(2)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		30	(2)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		118	(8)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		59	(4)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell		2,626	(178)	Ordinary		

25-Nov-19	UBS Securities Australia Ltd	Sell			9,131	(619)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			44	(3)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			44	(3)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			44	(3)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			10,739	(728)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			3,306	(258)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,136	(77)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			8,836	(595)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			502	(34)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			443	(30)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			531	(36)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			251	(17)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			325	(22)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,936	(199)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,033	(70)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,593	(108)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,416	(96)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,460	(99)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,611	(177)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,759	(187)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			605	(41)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			3,083	(209)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			44	(3)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			74	(5)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,047	(71)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,460	(99)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			30	(2)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			44	(3)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,177	(11)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			177	(12)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			236	(16)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			339	(23)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			369	(25)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,596	(176)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			325	(22)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			679	(46)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			752	(51)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			3,408	(231)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,361	(83)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,564	(105)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			148	(10)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			325	(22)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			738	(50)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,711	(116)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			3,363	(228)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			7,804	(529)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			3,408	(231)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,537	(172)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			6,093	(413)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			679	(46)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,092	(74)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			797	(54)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,950	(200)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			8,777	(595)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			2,995	(203)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,549	(105)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			679	(46)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			6,978	(473)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			974	(66)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,347	(132)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			4,529	(307)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			605	(41)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,623	(110)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			162	(11)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			354	(24)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			354	(24)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			708	(48)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,269	(86)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			708	(48)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			103	(7)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			397	(14)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			103	(7)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			221	(15)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,269	(86)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			236	(16)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			30	(2)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,711	(116)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			30	(2)	Ordinary	
25-Nov-19	UBS Securities Australia Ltd	Sell			1,888	(128)	Ordinary	

25-Nov-19	UBS Securities Australia Ltd	Sell	1,881	(128)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	353	(24)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	573	(39)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	103	(7)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	544	(37)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,925	(199)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	1,705	(116)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	147	(10)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	309	(21)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	456	(31)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	852	(58)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	926	(63)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	235	(16)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	59	(4)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	485	(33)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	88	(6)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	7,070	(481)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	250	(17)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	1,661	(113)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	176	(12)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,440	(166)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	588	(40)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	73	(5)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	59	(4)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	12,934	(880)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,043	(139)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,557	(174)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	5,438	(370)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	323	(22)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,440	(166)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	147	(10)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	191	(13)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,910	(198)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	118	(8)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	1,146	(78)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	81,073	(5,516)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	470	32	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	4,246	289	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	17	1	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	3,027	206	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	3,629	247	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	132	9	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	793	54	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	529	36	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	162	11	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	7,640	520	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	159,708	(10,848)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	950,617	(37,400)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	48,355	(3,262)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	3,196,115	216,438	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,666,159	(180,825)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	550,974	37,400	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	447,464	(30,273)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	191,317	(12,962)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	51,355	3,492	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	139,640	(9,499)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	3,471,658	234,722	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	1,778,247	(120,537)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	3,288,497	222,935	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	790,575	(53,577)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	2,438,655	(165,341)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	10,048	684	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	36,316	2,464	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	13,798	934	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	27,948	1,900	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Sell	36,510	(2,472)	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	37,185	2,529	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	403,009	27,299	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	196,729	13,326	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Buy	1,784,733	120,993	Ordinary		
25-Nov-19	UBS Switzerland AG	Stock borrowed	N/A	1,617,436	Ordinary		
25-Nov-19	UBS Switzerland AG	Stock returned	N/A	(7)	Ordinary		
25-Nov-19	UBS AG London Branch	Buy	70,950	4,781	Ordinary		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	500	Options		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	36,920	Options		
25-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	87,652	Options		
26-Nov-19	UBS AG London Branch	Sell	2,028	(135)	Ordinary		
26-Nov-19	UBS AG London Branch	Sell	39,102	(2,642)	Ordinary		
26-Nov-19	UBS AG London Branch	Sell	22,858	(1,525)	Ordinary		

26-Nov-19	UBS AG London Branch	Sell	15,259	(1,031)	Ordinary		
26-Nov-19	UBS AG, Australia Branch	Sell	148,425	(9,997)	Ordinary		
26-Nov-19	UBS AG, Australia Branch	Buy	147,848	9,997	Ordinary		
26-Nov-19	UBS Asset Management	Buy	122,541	8,279	Ordinary		
26-Nov-19	UBS Asset Management	Sell	39,556	(2,673)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(3,148)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	3,148	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	643	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(268,642)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	200,905	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	2,368	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	635	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	209,032	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(110,489)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	231,331	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(277,529)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	40,416	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(587)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(5,268)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(202)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(1,248)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	2,063	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(129,104)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Buy	46,363	3,148	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	15	1	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	30	2	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	15	1	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	24,958	1,681	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	157,319	10,595	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	222,066	14,957	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	46,363	(3,148)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	26,712	(1,803)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	270,958	(18,250)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	316,033	(21,286)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	17,564	1,183	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	9,565	(643)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	3,999,303	268,642	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	2,990,325	(200,905)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	35,148	(2,368)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	9,476	(635)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	3,113,287	(209,032)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	1,641,904	110,489	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	3,446,230	(231,331)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	4,134,781	277,529	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	603,239	(40,416)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	8,738	587	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	78,389	5,268	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	3,003	202	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	18,536	1,248	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Sell	30,797	(2,063)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Buy	1,921,660	129,104	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Stock borrowed	N/A	1,000,000	Ordinary		
26-Nov-19	UBS Switzerland AG	Stock borrowed	N/A	45,480	Ordinary		
26-Nov-19	UBS Switzerland AG	Stock borrowed	N/A	90	Ordinary		
26-Nov-19	UBS Switzerland AG	Stock returned	N/A	(768,999)	Ordinary		
26-Nov-19	UBS Switzerland AG	Stock returned	N/A	(1)	Ordinary		
26-Nov-19	UBS AG London Branch	Buy	3,424	229	Ordinary		
26-Nov-19	UBS AG London Branch	Buy	2,338	158	Ordinary		
26-Nov-19	UBS AG London Branch	Sell	39,102	(2,642)	Ordinary		
26-Nov-19	UBS AG London Branch	Buy	121,138	8,185	Ordinary		
26-Nov-19	UBS AG London Branch	Sell	28,488	(1,893)	Ordinary		
26-Nov-19	UBS AG London Branch	Sell	2,046	(136)	Ordinary		
26-Nov-19	UBS AG London Branch	Stock returned	N/A	(172,097)	Ordinary		
26-Nov-19	UBS AG London Branch	Stock returned	N/A	(590,000)	Ordinary		
26-Nov-19	UBS AG London Branch	Stock returned	N/A	(277,903)	Ordinary		
26-Nov-19	UBS AG, Australia Branch	Buy	231,457	15,456	Ordinary		
26-Nov-19	UBS AG London Branch	Sell	99,660	(6,600)	Ordinary		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(258,830)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	1,501	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	245,014	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(208,381)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	13,019	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	85,192	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	5,395	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(161,703)	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	176,385	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	94,971	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	250,000	Swaps		
26-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	9,000	Swaps		

27-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(1,116)	Swaps
27-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	12	Swaps
27-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	24	Swaps
27-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	(5,525)	Swaps
27-Nov-19	UBS Securities Australia Ltd	Buy	3,872,825	258,830	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	45	(3)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	922	(6)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	223	(15)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	297	(20)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	342	(23)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	74	(5)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	535	(36)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	3,390	(228)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	45	(3)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	238	(16)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	595	(40)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	595	(40)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	238	(16)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	15	(1)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	104	(7)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	15	(1)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	149	(10)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	75	(5)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	1,775	(118)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	15,242	(1,013)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	27,731	(1,843)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	38,985	(2,591)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	60,185	(4,000)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	110,863	(7,368)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	129,851	(8,630)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	157,913	(10,495)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	282,423	(18,770)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	15	(1)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	119,003	(7,909)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	1,760	117	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	3,340	222	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	14,670	975	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	21,863	1,453	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	34,095	2,266	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	60,999	4,054	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	166	11	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	1,881	125	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	4,710	313	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	368,263	24,475	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	466	31	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	22,373	(1,501)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	3,666,794	(245,014)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	3,118,120	208,381	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	194,212	(13,019)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	1,273,415	(85,192)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	80,212	(5,395)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	2,420,194	161,703	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	2,639,494	(176,385)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	1,421,472	(94,971)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	3,742,279	(250,000)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	134,379	(9,000)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	16,704	1,116	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	179	(12)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	355	(24)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Buy	82,732	5,525	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Sell	1,008,001	(104,557)	Ordinary
27-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	79,557	Options
27-Nov-19	UBS Securities Australia Ltd	Enter Into Derivative Contract	N/A	79,557	Options
27-Nov-19	UBS Switzerland AG	Stock borrowed	N/A	29	Ordinary
27-Nov-19	UBS Switzerland AG	Stock returned	N/A	(14,400)	Ordinary
27-Nov-19	UBS Switzerland AG	Stock returned	N/A	(1,603,036)	Ordinary
27-Nov-19	UBS Switzerland AG	Stock returned	N/A	(45,480)	Ordinary
27-Nov-19	UBS Switzerland AG	Stock returned	N/A	(90)	Ordinary
27-Nov-19	UBS AG London Branch	Buy	5,949	394	Ordinary
27-Nov-19	UBS AG London Branch	Sell	143,541	(9,506)	Ordinary