

Form 604

Corporations Law
Section 671B

Notice of change of interests of substantial holder

To: Company Name/Scheme **PERPETUAL LIMITED**
ACN/ARSN **000 431 827**

1. Details of substantial holder

Name **UBS Group AG and its related bodies corporate**
ACN/ARSN (if applicable): _____

There was a change in the interests of the substantial holder on **26 July 2017**

The previous notice was given to the company on **11 July 2017**

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous Notice		Present Notice	
	Person's Votes	Voting Power (5)	Person's Votes	Voting Power (5)
Ordinary	2,390,548	5.13%	2,998,851	6.44%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of Change (6)	Consideration given in relation to change (7)	Class and Number of securities affected	Person's votes affected
Please see Appendix B.					

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
UBS Asset Management (Americas) Inc	Various Custodians	UBS Asset Management (Americas) Inc	Fund Manager with power to exercise control over voting shares	7,745 Ordinary	7,745
UBS Asset Management (Australia) Ltd	Various Custodians	UBS Asset Management (Australia) Ltd	Fund Manager with power to exercise control over voting shares	298,037 Ordinary	298,037

UBS Asset Management Life Limited	Various Custodians	UBS Asset Management Life Limited	Fund Manager with power to exercise control over voting shares	6,938 Ordinary	6,938
UBS Asset Management Trust Company	Various Custodians	UBS Asset Management Trust Company	Fund Manager with power to exercise control over voting shares	1,690 Ordinary	1,690
UBS Asset Management (UK) Limited	Various Custodians	UBS Asset Management (UK) Limited	Fund Manager with power to exercise control over voting shares	4,190 Ordinary	4,190
UBS Fund Management (Switzerland) AG	Various Custodians	UBS Fund Management (Switzerland) AG	Fund Manager with power to exercise control over voting shares	16,678 Ordinary	16,678
UBS Third Party Management Company S.A.	Various Custodians	UBS Third Party Management Company S.A.	Fund Manager with power to exercise control over voting shares	543 Ordinary	543
UBS AG London Branch	Various Custodians	UBS AG London Branch	Power to control disposal over shares pursuant to stock borrowing and lending activities (see Appendix A)	1,210,771 Ordinary	1,210,771
UBS Securities Australia Ltd	Warbont Nominees Pty Ltd	UBS Securities Australia Ltd	Power to control disposal over shares pursuant to stock borrowing and lending activities (see Appendix A)	1,000,678 Ordinary	1,000,678
	Brispot Nominees Pty Ltd	UBS Securities Australia Ltd	Beneficial Owner	42,618 Ordinary	42,618
	N/A	UBS Securities Australia Ltd	Beneficial Owner	70,000 Options	70,000
UBS Securities LLC	Various Custodians	UBS Securities LLC	Power to control disposal over shares pursuant to stock borrowing and lending activities (see Appendix A)	150,000 Ordinary	150,000
UBS AG Australia Branch	UBS Nominees Pty Ltd	UBS AG Australia Branch	Prime Broker that has exercised its borrowing right in respect of shares pursuant to a Prime Broking Agreement (see Appendix A)	188,963 Ordinary	188,963

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ ARSN (if applicable)	Nature of association
N/A	N/A

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Details of all UBS offices can be found through the following link: http://apps2.ubs.com/locationfinder/	

SIGNATURE

Print Name: Kyu-Ri Kim

Capacity: Authorised signatory

Sign Here:

Date: 28 July 2017

Print Name: Serene Peh

Capacity: Authorised signatory

Sign Here:

Date: 28 July 2017

Contact details for this notice:

Serene Peh
Group Risk Control
(T) +65 6495 5283

Appendix A

Holder of relevant interest	UBS AG, London Branch	UBS Securities Australia Ltd	UBS Securities LLC
Type of agreement	Securities Lending Agreement	Securities Lending Agreement	Securities Lending Agreement
Parties to agreement	(i) UBS AG, London Branch ("UBS AG")/ UBS Limited (ii) Client (Please refer to Appendix A-1.)	(i) UBS AG, Australia Branch ("UBS AG")/ UBS Securities Australia Limited (ii) Client (Please refer to Appendix A-1.)	(i) UBS Securities LLC ("UBS Sec LLC") (ii) Client (Please refer to Appendix A-1.)
Transfer date	Please refer to Appendix A-1.	Please refer to Appendix A-1.	Please refer to Appendix A-1.
Holder of voting rights	UBS AG/ UBS Limited	UBS AG/ UBS Securities Australia Limited	UBS Sec LLC
Are there any restrictions on voting rights?	Please refer to the details below.	Please refer to the details below.	No.
If yes, detail	Since all right and title in the securities passes to the transferee (i.e. UBS AG/ UBS Limited), the transferee has the right to vote. However, in certain circumstances, the transferee may seek to arrange for instructions to be exercised in accordance with the instructions of the transferor (i.e. Client).	Since all right and title in the securities passes to the transferee (i.e. UBS AG/ UBS Securities Australia Limited), the transferee has the right to vote. However, in certain circumstances, the transferee may seek to arrange for instructions to be exercised in accordance with the instructions of the transferor (i.e. Client).	N/A
Scheduled return date (if any)	None.	None, subject to the terms of the relevant loan.	None unless agreed to by the parties.
Does the borrower have the right to return early?	Yes.	Yes.	Yes. Either party can terminate the loan upon notice unless otherwise agreed.
If yes, detail	The borrower (i.e. UBS AG/ UBS Limited) has the right to return at its discretion subject to the terms of the relevant loan.	The borrower (i.e. UBS AG/ UBS Securities Australia Limited) has the right to return at its discretion.	The borrower (i.e. UBS Sec LLC) has the right to return at its discretion.
Does the lender have the right to recall early?	Yes.	Yes.	Yes. Either party can terminate the loan upon notice unless otherwise agreed.
If yes, detail	The lender (i.e. Client) can recall at its request subject to compliance with margin requirements and the terms of the relevant loan.	The lender (i.e. Client) can recall at its request subject to compliance with margin requirements and the terms of the relevant loan.	The lender has the right to return at its discretion.
Will the securities be returned on settlement?	Yes.	Yes.	Yes (equivalent securities).
If yes, detail any exceptions	None.	None.	None.

The information in this appendix is based on the relevant standard UBS agreement.

A copy of the agreement is available to the company, or responsible entity to whom the prescribed form must be given, or to ASIC, upon request.

Holder of relevant interest	UBS AG, Australia Branch
Type of agreement	Prime Brokerage Agreement
Parties to agreement	(i) UBS AG, Australia Branch ("UBS AG") (ii) Client (Please refer to Appendix A-1.)
Transfer date	Please refer to Appendix A-1.
Holder of voting rights	UBS AG
Are there any restrictions on voting rights?	Please refer to the details below.
If yes, detail	Since all right and title in the securities passes to the transferee (i.e. UBS AG), the transferee has the right to vote. However, in certain circumstances, the transferee may seek to arrange for instructions to be exercised in accordance with the instructions of the transferor (i.e. Client).
Scheduled return date (if any)	None, subject to the terms of the relevant loan.
Does the borrower have the right to return early?	Yes.
If yes, detail	The borrower (i.e. UBS AG) has the right to return at its discretion.
Does the lender have the right to recall early?	Yes.
If yes, detail	The lender (i.e. Client) can recall at its request subject to compliance with margin requirements and the terms of the relevant loan.
Will the securities be returned on settlement?	Yes.
If yes, detail any exceptions	None.

The information in this appendix is based on the relevant standard UBS agreement.

A copy of the agreement is available to the company, or responsible entity to whom the prescribed form must be given, or to ASIC, upon request.

Securities Lending Agreement - UBS AG, London Branch / UBS Limited

Parties to agreement	Transfer date
Citibank NA as an agent acting on behalf of its clients	(i) 11 January 2016 (ii) 25 February 2016 (iii) 1 April 2016 (iv) 3 May 2016 (v) 18 August 2016 (vi) 1 February 2017 (vii) 8 February 2017 (viii) 21 June 2017 (ix) 26 July 2017
HSBC Bank Plc as an agent acting on behalf of its clients	(i) 6 January 2016 (ii) 14 June 2016
The Northern Trust Company as an agent acting on behalf of its clients	(i) 16 November 2015 (ii) 14 March 2017 (iii) 26 July 2017
State Street Bank & Trust Company as an agent acting on behalf of its clients	(i) 7 February 2017 (ii) 26 July 2017
The Bank of New York Mellon as an agent acting on behalf of its clients	(i) 13 January 2017 (ii) 7 July 2017 (iii) 26 July 2017

Securities Lending Agreement - UBS AG, Australia Branch/ UBS Securities Australia Limited

Parties to agreement	Transfer date
Citibank NA as an agent acting on behalf of its clients	(i) 3 August 2016 (ii) 29 November 2016 (iii) 3 January 2017 (iv) 16 March 2017 (v) 9 May 2017 (vi) 18 July 2017
JPMorgan Chase Bank, N.A. as an agent acting on behalf of its clients	(i) 24 July 2017 (ii) 26 July 2017
Macquarie Bank Ltd	(i) 8 September 2016 (ii) 2 March 2017 (iii) 18 July 2017 (iv) 21 July 2017 (v) 24 July 2017 (vi) 26 July 2017
National Australia Bank Limited	(i) 24 July 2017

Securities Lending Agreement - UBS Securities LLC

Parties to agreement	Transfer date
State Street Bank & Trust Company as an agent acting on behalf of its clients	(i) 26 July 2017

Prime Brokerage Agreement - UBS AG, Australia Branch

Parties to agreement	Transfer date
CJH Holdings Pty Ltd in its capacity as trustee of the CJH Family Trust	(i) 3 March 2017
Manderrah Pty Ltd in its capacity as trustee of the GJJ Family Trust	(i) 3 March 2017
Colonial First State Investment Limited as Responsible Entity for the Commonwealth Specialist Fund 9	(i) 3 March 2017 (ii) 6 March 2017 (iii) 10 March 2017 (iv) 28 April 2017
Colonial First State Investment Limited as Responsible Entity for the Commonwealth Specialist Fund 20	(i) 3 March 2017 (ii) 10 March 2017 (iii) 24 March 2017 (iv) 5 June 2017 (v) 7 June 2017 (vi) 8 June 2017
RF Capital Pty Ltd as trustee of RF Capital (PB) Trust	(i) 3 March 2017 (ii) 6 March 2017 (iii) 22 March 2017 (iv) 13 April 2017 (v) 20 April 2017 (vi) 2 May 2017 (vii) 3 May 2017 (viii) 12 May 2017 (ix) 2 June 2017 (x) 27 June 2017 (xi) 13 July 2017 (xii) 14 July 2017 (xiii) 17 July 2017 (xiv) 24 July 2017 (xv) 25 July 2017 (xvi) 26 July 2017
BlackRock Investment Management (Australia) Limited as responsible entity for Blackrock Australian Equity Market Neutral Fund	(i) 3 March 2017
Signature Capital Nominees Pty Ltd as trustee for the Signature Quantitative Fund	(i) 13 April 2017 (ii) 18 April 2017 (iii) 20 April 2017 (iv) 24 April 2017 (v) 3 May 2017

Appendix A-1

	(vi)	27 June 2017
	(vii)	13 July 2017
	(viii)	14 July 2017
	(ix)	25 July 2017

PPF - Appendix B					Class	
Date of change	Person whose relevant interest changed	Nature of Change	Consideration given in relation to change	Number of securities	Class	
10-Jul-17	UBS Securities Australia Ltd	Stock borrowed	N/A	50,000	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	1,247	23	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	1,247	(23)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	328	(6)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	328	(6)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	544	(10)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	653	(12)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	1,088	(20)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	2,230	(41)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	3,861	(71)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	2,233	(13)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	11,509	(218)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	17,505	(323)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	27,571	(507)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	113,709	(2,091)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	15,128	278	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	33,993	625	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	2,012	(37)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	756	14	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	31,377	(571)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	3,371	(62)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	58,492	1,075	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	342,787	6,298	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	80,002	1,470	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	95,644	1,757	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	74,736	1,373	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	1,253	(23)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	883	18	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	186,930	3,438	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	172,202	(3,164)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	355,623	(6,543)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	55	(1)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	439	(8)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	1,373	(25)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	2,636	(48)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	2,911	(53)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	5,108	(93)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	5,712	(104)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	5,712	(104)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	9,566	(176)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	10,554	(194)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	13,346	(243)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	21,693	(395)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	28,449	(518)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	42,508	(774)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	64,037	(1,156)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	20,625	377	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	12,332	223	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	30,669	554	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	51,179	932	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	3,615	(66)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	656	(12)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	464,977	8,478	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	50,538	923	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	315,109	5,755	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	327,956	(5,965)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	126,602	(2,314)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	141,955	(2,585)	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	9,193	168	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	6,719	124	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Buy	873	16	Ordinary	
10-Jul-17	UBS Securities Australia Ltd	Sell	69,702	(1,638)	Ordinary	

11-Jul-17	UBS Securities Australia Ltd	Sell		42,980	(785)	Ordinary
11-Jul-17	UBS Securities Australia Ltd	Sell		522,406	(9,524)	Ordinary
11-Jul-17	UBS Securities Australia Ltd	Buy		619,546	11,315	Ordinary
11-Jul-17	UBS Securities Australia Ltd	Sell		129,383	(2,369)	Ordinary
11-Jul-17	UBS Securities Australia Ltd	Sell		397,114	(7,259)	Ordinary
12-Jul-17	UBS AG Australia Branch	Stock returned		N/A	N/A	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Stock returned		N/A	N/A	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		54	(1)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		218	(4)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		162	(3)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		218	(4)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		108	2	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		216	4	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		108	2	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		108	2	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		216	4	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		703	13	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		54	1	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		162	3	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		108	(2)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		162	(3)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		216	(4)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		703	(13)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		216	(4)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		162	3	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		58,492	1,075	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		464,977	8,478	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		58,492	1,075	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		464,977	(8,478)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		324	6	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		217,618	4,024	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		2,163	40	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		2,486	46	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		4,002	74	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		4,435	82	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		97,344	1,800	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		3,358	62	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		3,569	(66)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		3,725	69	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		1,948	36	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		21,195	(392)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		3,087	57	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		64,412	1,190	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		51,291	957	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		3,964	(72)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		190,943	(3,525)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		102,659	(1,898)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		5,681	(105)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		178,111	3,291	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		178,483	(3,298)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		26,083	(479)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		2,929	(54)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		62,655	(1,158)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		379	7	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		23,373	(432)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		32,361	600	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		177,026	(3,269)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		45,211	(835)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Buy		247,125	4,565	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		208,395	(3,951)	Ordinary
12-Jul-17	UBS AG Australia Branch	Stock received		N/A	N/A	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		55	(1)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		55	(1)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		109	(2)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		164	(3)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		218	(4)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		328	(6)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		308	(6)	Ordinary
12-Jul-17	UBS Securities Australia Ltd	Sell		437	(8)	Ordinary

13-Jul-17	UBS Securities Australia Ltd	Sell	545	(10)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	2,239	(41)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	3,768	(69)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	3,877	(71)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	5,733	(105)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	6,552	(120)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	9,829	(180)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	14,688	(269)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	55	(1)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	164	(3)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	1,966	(36)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	164	(3)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	437	(8)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	20,568	(384)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	5,515	(101)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	5,570	(102)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	65,960	(1,208)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	109	2	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	164	3	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	51,791	957	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	120,977	(2,237)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	51,791	(957)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	164	3	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	55	(1)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	164	(3)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	328	(6)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	876	(16)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	1,204	(22)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	1,477	(23)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	2,079	(38)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	5,565	(98)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	7,114	(130)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	8,957	(150)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	9,357	(171)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	40,493	(740)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	51,929	(949)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	58,769	(1,074)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	76,334	(1,395)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	4,978	91	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	54,515	995	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	12,351	(225)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	12,441	227	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	38,182	(688)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	10,459	(192)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	44,091	806	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	26,546	465	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	285,492	5,222	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	199,718	(3,547)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	84,333	(1,541)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	2,509	(46)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	98,621	1,803	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	23,877	(435)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	14,114	258	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	24,42	442	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	44,219	(808)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	334,761	6,130	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	187,941	(3,434)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	56,638	(1,171)	Ordinary
13-Jul-17	UBS AG Australia Branch	Stock received	N/A	1,702	Ordinary
13-Jul-17	UBS Asset Management	Buy	590,263	2,920	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Sell	19,335	(349)	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	222	4	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	3,879	70	Ordinary
13-Jul-17	UBS Securities Australia Ltd	Buy	22,279	402	Ordinary

14-Jul-17	UBS Securities Australia Ltd	Buy	23,609	476	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	221	(4)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	55	(1)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	4,434	(80)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	5,819	(105)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	7,870	(142)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	7,925	(143)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	16,404	(296)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	40,567	(732)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	179,339	(3,236)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	254,877	(4,595)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	388	(7)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	2,108	(38)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	3,159	(57)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	3,879	(70)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	4,489	(81)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	26,103	(471)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	33,030	(596)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	82,520	(1,489)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	57,138	(1,031)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	22,083	369	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	2,379	43	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	8,377	(151)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	19,298	348	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	52,316	(944)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	3,652	66	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	19,817	358	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	159,376	(2,877)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	176,814	(3,197)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	75,447	(1,363)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	76,708	1,367	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	7,874	139	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	145,390	(2,628)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	173,668	(3,136)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	176,014	3,191	Ordinary
14-Jul-17	UBS AG Australia Branch	Stock received	N/A	280	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Stock borrowed	N/A	5,121	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	938	(17)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	110	(2)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	110	(2)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	55	(1)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	55	(1)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	110	(2)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	165	(3)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	1,212	22	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	220	4	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	111	1	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	6,014	109	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	2,821	51	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	69,533	1,101	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	44,209	(799)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	6,742	122	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	5,195	(94)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	9,065	164	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	166	(3)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	207,694	(3,755)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	241,920	4,379	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	176,256	(3,185)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	52,721	(953)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	86,776	1,571	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	35,507	(642)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	3,709	67	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	24,003	(434)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	5,028	91	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	9,893	(179)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Sell	331,479	(5,952)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Buy	186,356	3,369	Ordinary
14-Jul-17	UBS AG Australia Branch	Stock returned	N/A	(65)	Ordinary
14-Jul-17	UBS AG Australia Branch	Stock returned	N/A	(27)	Ordinary
14-Jul-17	UBS AG Australia Branch	Stock returned	N/A	(96)	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Stock borrowed	N/A	80,003	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Stock borrowed	N/A	2,563	Ordinary
14-Jul-17	UBS Securities Australia Ltd	Stock returned	N/A	(2,320)	Ordinary

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18-Jul-17	UBS Securities Australia Ltd	Buy	544	10	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	54	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	54	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	327	(6)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	599	(11)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	327	(6)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	599	(11)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	272	(5)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	2,179	(40)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	1,035	(19)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	1,035	(19)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	183	(3)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	163	(3)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	545	(10)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	163	(3)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	109	(2)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	872	(16)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	272	(5)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	218	(4)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	218	(4)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	54	(1)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	545	(10)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	17,256	(225)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	273	5	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	218	4	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	764	14	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	545	10	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	218	4	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	873	16	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	1,690	31	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	1,799	33	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	3,782	69	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	4,089	75	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	5,018	92	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	5,179	95	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	14,175	260	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	16,738	307	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	29,827	548	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	30,095	552	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	34,893	640	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	41,708	785	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	54,247	995	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	96,337	1,767	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	55	1	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	7,512	138	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	1,311	(24)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	100,665	(1,848)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	23,028	478	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	3,054	56	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	288,056	5,274	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	364,993	(6,693)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	34,552	(631)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	18,170	(332)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	144,633	2,653	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	131,938	(2,431)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Sell	18,159	(333)	Ordinary
18-Jul-17	UBS Securities Australia Ltd	Buy	23,910	438	Ordinary

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24-Jul-17	UBS Securities Australia Ltd	Buy		101	2	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		203	4	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		507	10	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		51	1	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		101	2	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		293	5	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		304	6	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		51	1	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		152	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		152	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		152	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		101	(2)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		303	(6)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		303	(6)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		455	(9)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		152	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		253	(5)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		101	(2)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		202	(4)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		101	(2)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		355	7	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		51	1	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		152	3	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		203	4	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		51	1	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		101	2	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		51	1	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		205	4	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		51	1	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		154	3	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		103	2	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		154	3	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		103	2	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		154	3	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		154	3	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		154	3	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		8,932	174	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		205	(4)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		205	(4)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		154	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		102	(2)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		154	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		1,250	(24)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		1,179	(23)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		2,972	(58)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		51	(1)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		102	(2)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		154	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		154	(3)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		81,370	(1,563)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		29,435	573	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		30,565	595	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		33,236	647	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		48,304	952	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		42,650	(637)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		1,725	34	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		15,117	(298)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		41,022	801	Ordinary

24-Jul-17	UBS Securities Australia Ltd	Sell		122,943	(2,359)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		11,814	(234)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		19,226	376	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		25,491	578	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		667,190	13,082	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		2,209	(45)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		471,851	(9,281)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		336,815	6,612	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		271,933	(5,359)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		9,388	(183)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		177,138	(3,502)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		26,274	520	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		215,403	(4,217)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		13,226	(261)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		83,732	(1,541)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		212,383	4,191	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		168,573	(3,321)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		929,461	18,260	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		561,899	(11,034)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		351,304	(6,922)	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Buy		43,381	854	Ordinary
24-Jul-17	UBS Securities Australia Ltd	Sell		43,580	(854)	Ordinary
24-Jul-17	UBS AG Australia Branch	Stock received		N/A	899	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		52	1	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		52	1	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		155	3	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		155	3	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		206	4	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		52	1	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		52	1	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		103	2	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		361	7	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		103	2	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		1,289	25	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		103	2	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		258	5	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		52	1	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		206	4	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		2,115	41	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		4,332	84	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		10,418	202	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		43,115	836	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		103	(2)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		465	(9)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		258	(5)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		465	(9)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		310	(6)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		1,802	(37)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		172,117	(3,376)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		19,226	376	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		19,226	(376)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		465	9	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		465	9	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		73,436	(1,424)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		20,698	(401)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		22,300	(452)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		244	244	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		58,104	1,127	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		5,879	(114)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		11,252	218	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		2,066	(40)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		396,218	7,673	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		298,046	(5,780)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		349,899	(6,768)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		181,823	(3,518)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		82,818	(1,606)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		187,711	3,635	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		35,060	(679)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		2,100	41	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		14,802	(286)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy		338,099	6,549	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell		420,827	(8,141)	Ordinary

25-Jul-17	UBS Securities Australia Ltd	Sell	187,603	(3,639)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell	79,503	(1,540)	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Buy	925,988	17,830	Ordinary
25-Jul-17	UBS Securities Australia Ltd	Sell	823,892	(15,942)	Ordinary
26-Jul-17	UBS AG Australia Branch	Stock received	N/A	245	Ordinary
26-Jul-17	UBS Securities LLC	Stock borrowed	N/A	150,000	Ordinary
26-Jul-17	UBS AG London Branch	Stock borrowed	N/A	30,000	Ordinary
26-Jul-17	UBS AG London Branch	Stock borrowed	N/A	30,000	Ordinary
26-Jul-17	UBS AG London Branch	Stock borrowed	N/A	20,000	Ordinary
26-Jul-17	UBS AG London Branch	Stock borrowed	N/A	50,000	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Stock borrowed	N/A	100,000	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Stock borrowed	N/A	100,000	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Stock returned	N/A	(50,000)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Stock returned	N/A	(4,892)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Stock returned	N/A	(50,000)	Ordinary
26-Jul-17	UBS Asset Management	Sell	565,393	(10,908)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	52	(1)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	52	(1)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	155	3	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	104	2	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	104	(2)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	161,105	3,124	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	522	(12)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	27,843	(537)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	8,464	163	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	7,314	141	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	27,346	(527)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	56,310	1,855	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	6,180	119	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	28,103	541	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	685,555	13,209	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	339,370	(6,942)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	262,874	(5,056)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	153,645	2,960	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	67,565	(1,300)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	50,766	(979)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	50,329	972	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	371	(11)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	256,970	4,950	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	22,824	440	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	5,175	100	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	169,439	(3,268)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Sell	516,649	(9,950)	Ordinary
26-Jul-17	UBS Securities Australia Ltd	Buy	600,374	11,562	Ordinary