

# Form 604

Corporations Law  
Section 671B

## Notice of change of interests of substantial holder

To: Company Name/Scheme IOOF HOLDINGS LIMITED

ACN/ARSN 100 103 722

### 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 **5 December 2018**

The previous notice was given to the company on **27 November 2018**

### 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	23,689,028	6.75%	19,786,344	5.64%

### 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 AG New York (299 Park Avenue) Branch	Various Custodians	UBS AG New York (299 Park Avenue) Branch	Broker with power to exercise discretion over account	157,085 Ordinary	157,085
UBS Asset Management (Americas) Inc	Various Custodians	UBS Asset Management (Americas) Inc	Fund Manager with power to exercise control over voting shares	8,772 Ordinary	8,772

UBS Asset Management (Australia) Ltd	Various Custodians	UBS Asset Management (Australia) Ltd	Fund Manager with power to exercise control over voting shares	1,111,421 Ordinary	1,111,421
UBS Asset Management (Deutschland) GmbH	Various Custodians	UBS Asset Management (Deutschland) GmbH	Fund Manager with power to exercise control over voting shares	5,101 Ordinary	5,101
UBS Asset Management Life Limited	Various Custodians	UBS Asset Management Life Limited	Fund Manager with power to exercise control over voting shares	119,676 Ordinary	119,676
UBS Asset Management Trust Company	Various Custodians	UBS Asset Management Trust Company	Fund Manager with power to exercise control over voting shares	19,184 Ordinary	19,184
UBS Asset Management (UK) Limited	Various Custodians	UBS Asset Management (UK) Limited	Fund Manager with power to exercise control over voting shares	24,814 Ordinary	24,814
UBS Fund Management (Switzerland) AG	Various Custodians	UBS Fund Management (Switzerland) AG	Fund Manager with power to exercise control over voting shares	243,935 Ordinary	243,935
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)	9,525,618 Ordinary	9,525,618
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)	6,648,238 Ordinary	6,648,238
	N/A	UBS Securities Australia Ltd	Beneficial Owner	982,500 Options	982,500
UBS Securities LLC	Various Custodians	UBS Securities LLC	Power to control disposal over shares pursuant to stock borrowing and lending activities (see Appendix A)	940,000 Ordinary	940,000

## 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: <a href="http://apps2.ubs.com/locationfinder/">http://apps2.ubs.com/locationfinder/</a>	

**SIGNATURE**

Print Name: Serene Peh

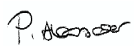
Capacity: Authorised signatory

Sign Here: 

Date: 7 December 2018

Print Name: Philip Alexander

Capacity: Authorised signatory

Sign Here: 

Date: 7 December 2018

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Contact details for this notice:

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Serene Peh  
Compliance & Operational Risk Control  
(T) +65 6495 5283  
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**Appendix A**

Holder of relevant interest	UBS AG, London Branch	UBS Securities Australia Ltd	UBS Securities LLC
<b>Type of agreement</b>	Securities Lending Agreement	Securities Lending Agreement	Securities Lending Agreement
<b>Parties to agreement</b>	(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.)
<b>Transfer date</b>	Please refer to Appendix A-1.	Please refer to Appendix A-1.	Please refer to Appendix A-1.
<b>Holder of voting rights</b>	UBS AG/ UBS Limited	UBS AG/ UBS Securities Australia Limited	UBS Sec LLC
<b>Are there any restrictions on voting rights?</b>	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 voting rights 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 voting rights to be exercised in accordance with the instructions of the transferor (i.e. Client).	N/A
<b>Scheduled return date (if any)</b>	None.	None, subject to the terms of the relevant loan.	None unless agreed to by the parties.
<b>Does the borrower have the right to return early?</b>	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.
<b>Does the lender have the right to recall early?</b>	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.
<b>Will the securities be returned on settlement?</b>	Yes.	Yes.	Yes (equivalent securities).
<b>If yes, detail any exceptions</b>	None.	None.	None.

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

Parties to agreement	Transfer date
BlackRock Institutional Trust Company N.A.	(i) 16 October 2017
Blackrock Advisors UK LTD-Northern Trust Custody	(i) 11 December 2017
The Bank of New York Mellon as an agent acting on behalf of its clients	(i) 8 August 2018 (ii) 21 August 2018 (iii) 6 September 2018
Citibank NA as an agent acting on behalf of its clients	(i) 19 June 2014 (ii) 3 September 2014 (iii) 1 June 2016 (iv) 21 February 2018 (v) 26 February 2018 (vi) 24 April 2018 (vii) 9 July 2018 (viii) 25 July 2018 (ix) 26 July 2018 (x) 6 August 2018 (xi) 15 August 2018 (xii) 20 August 2018 (xiii) 7 September 2018 (xiv) 21 September 2018 (xv) 12 October 2018 (xvi) 30 October 2018 (xvii) 15 November 2018 (xviii) 16 November 2018
HSBC Bank Plc as an agent acting on behalf of its clients	(i) 16 October 2017
JPMorgan Chase Bank, N.A. as an agent acting on behalf of its clients	(i) 23 July 2018 (ii) 15 November 2018
The Northern Trust Company as an agent acting on behalf of its clients	(i) 23 July 2018
RBC Dexia Investor Services Trust	(i) 9 July 2018
The Bank of New York Mellon Corporation	(i) 9 July 2018 (ii) 23 July 2018

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

Parties to agreement	Transfer date
JPMorgan Chase Bank, N.A. as an agent acting on behalf of its clients	(i) 05 December 2018

Citibank NA as an agent acting on behalf of its clients	(i)	23 January 2018
	(ii)	16 February 2018
	(iii)	19 February 2018
	(iv)	15 May 2018
	(v)	15 June 2018
	(vi)	19 July 2018
	(vii)	23 July 2018
	(viii)	8 August 2018
	(ix)	18 October 2018
National Australia Bank Limited	(i)	05 December 2018
State Street Bank & Trust Company as an agent acting on behalf of its clients	(i)	21 September 2018
	(ii)	1 November 2018
	(iii)	2 November 2018
	(iv)	5 November 2018

**Securities Lending Agreement - UBS Securities LLC**

<b>Parties to agreement</b>	<b>Transfer date</b>	
State Street Bank & Trust Company as an agent acting on behalf of its clients	(i)	27 July 2018
	(ii)	7 August 2018
The Bank of New York Mellon as an agent acting on behalf of its clients	(i)	2 August 2018

IFL - Appendix B						
Date of change	Person whose relevant interest changed	Nature of Change	Consideration given in relation to change	Number of securities	Class	
26-Nov-18	UBS Securities Australia Ltd	Buy		27	4	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	168,715	(24,977)		Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell		7	(1)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	5,943		(887)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	55,422		(8,272)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	56,508		(8,434)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	1,293		193	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	121,474		(18,101)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	134,317		20,013	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	175		(26)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	697,272		103,787	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	668,855		(99,569)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	2,297		341	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	39,996		(5,917)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	60		(9)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	23,988		3,559	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	116,383		17,254	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	218,958		(32,495)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	5,139		(765)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	13,889		(2,058)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	565,327		(84,225)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	112,151		(16,610)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	354,001		52,729	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	36,728		(5,400)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	912		(136)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	6,948		1,027	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	26,084		(3,878)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	14,362		(2,139)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	24,340		3,597	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	275		(41)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	4,225		(628)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	1,761		(260)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	582		86	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	4,519		673	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Sell	546		(81)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Buy	329,851		49,066	Ordinary
26-Nov-18	UBS AG New York (299 Park Avenue) Branch	Buy	1,742		255	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(54,870)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock borrowed	N/A		185,000	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock borrowed	N/A		640,000	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(640,000)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(113,115)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(101,470)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(3,630)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(39,000)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(365,286)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(31,000)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(70,000)	Ordinary
26-Nov-18	UBS Securities Australia Ltd	Stock returned	N/A		(169,408)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell	107		(16)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell	20		(3)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy	20		3	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell	530		(78)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell	103,422		(15,283)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy	176,388		26,049	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy	2,414		359	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell	674,510		(100,619)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy	817,869		122,386	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy	4,093		607	Ordinary

27-Nov-18	UBS Securities Australia Ltd	Sell		1,045		(155)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		56,483		8,389	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell		7,784		(1,158)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell		4,388		(653)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		48,667		7,247	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell		476,795		(71,490)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		737,927		110,030	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		20		3	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		50,555		7,574	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell		53,534		(8,000)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell		56,440		(8,349)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Sell		33,314		(4,928)	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		135,885		20,191	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		18,918		2,811	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		40,004		5,941	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		416,321		61,787	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		769		115	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		45,359		6,719	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		38,382		5,752	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		7,916		1,186	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Buy		404,800		60,510	Ordinary
27-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A		(132,000)	Ordinary
28-Nov-18	UBS Asset Management	Buy		11,138		1,635	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		145,458		(21,352)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		75		11	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		7		1	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		27		4	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		7		1	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		20		3	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		7		(1)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		7		(1)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		293		(43)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		27		(4)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		7		(1)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		293		43	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		126,689		18,608	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		936		138	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		428,246		63,442	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		336,951		(49,733)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		10,518		(1,551)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		56,292		8,324	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		524,050		(77,728)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		45,079		(6,739)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		1,097,884		163,490	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		7		1	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		19,123		2,838	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		169,919		25,091	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		6,976		1,024	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		7,409		1,087	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		21,888		3,218	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		32,293		4,771	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		36,509		5,352	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		9,128		1,342	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Buy		9,385		1,385	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		3,057		(450)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Sell		197		(29)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Stock borrowed		N/A		166,000	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A		(75,000)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A		(53,000)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A		(9,530)	Ordinary
28-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A		(518,856)	Ordinary

29-Nov-18	UBS Securities Australia Ltd	Buy		4,284	629	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,015,759	(141,656)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		20	(3)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		170	(25)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		184	(27)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		728	(107)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		755	(111)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		864	(127)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		864	(127)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		898	(132)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		959	(141)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,048	(154)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,136	(167)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,184	(174)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,633	(240)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,919	(282)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		2,028	(298)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		2,613	(384)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		2,667	(392)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		2,681	(394)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		3,899	(573)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		5,096	(749)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		5,627	(827)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		16,472	(2,421)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		17,404	(2,558)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		7	(1)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		7	(1)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		88	(13)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		7	(1)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		20	(3)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		20	(3)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		823	(121)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		7	1	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		7	1	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		7	1	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		89	13	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		21	3	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		7	1	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		14	2	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		64	9	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		1,865	(262)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		110,854	(15,414)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		198,570	27,673	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		36	5	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		701,541	(98,346)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		219,530	(30,517)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		519,622	72,501	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		853	124	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		223,027	31,403	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		68,856	(9,813)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		147,156	20,831	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		7,055	(994)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		124,314	17,387	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		830,396	(115,846)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		780,362	109,808	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		663,642	92,964	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		6,916	1,007	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		6,914	967	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		78,914	11,031	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		315,866	44,092	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Buy		11,952	1,702	Ordinary

29-Nov-18	UBS Securities Australia Ltd	Buy		1,878	262	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		43,066	(6,067)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		2,697	(375)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Sell		310,000	(40,000)	Ordinary
29-Nov-18	UBS AG New York (299 Park Avenue) Branch	Buy		748	110	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A	(658,095)	Ordinary
29-Nov-18	UBS AG London Branch	Stock returned		N/A	(66,000)	Ordinary
29-Nov-18	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(10,000)	Options
29-Nov-18	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(20,000)	Options
29-Nov-18	UBS Securities Australia Ltd	Enter Into Derivative Contract		N/A	(20,000)	Options
30-Nov-18	UBS Asset Management	Transfer-Out		N/A	(10,394)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		63	(9)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		21	(3)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		175	(25)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		91,581	13,051	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		21	3	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		173	25	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		2,347	340	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		2,484	360	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		15,151	2,130	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		86,954	(12,600)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		68,373	9,900	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		561	80	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		254,069	(36,279)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		453,150	(64,025)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		1,086,829	155,704	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		450	63	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		4,566	(635)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		9,026	(1,301)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		336,966	48,632	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		6,844	946	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		641,843	(92,430)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		555,415	79,762	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		32,975	(4,575)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		636	(92)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		17,993	2,537	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		87,562	12,553	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		45,028	6,435	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		12,437	1,791	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		3,601	(522)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		29,061	(4,157)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Buy		95,031	13,648	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		6,808	(970)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Sell		1,375	(193)	Ordinary
30-Nov-18	UBS Securities Australia Ltd	Stock returned		N/A	(497,662)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		179,304	(25,075)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		57	8	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		14	2	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		184	26	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		7	1	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		7	1	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		135	19	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		50	7	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		14	(2)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		184	(26)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		43	(6)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		43	6	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		2,578	(359)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy		291,399	40,738	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		1,221	(172)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell		535,365	(75,101)	Ordinary



03-Dec-18	UBS Securities Australia Ltd	Buy	379,316	53,197	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	131,186	(18,594)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	31,205	4,424	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	53,997	(7,602)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	6,031	850	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	436,619	61,493	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	378,497	(53,335)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	4,558	(633)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	15,664	2,217	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	1,065	150	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	3,556	503	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	1,474	(208)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	21,545	(3,026)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	15,882	2,251	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	18,257	(2,564)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	19,165	(2,695)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	14,889	(2,087)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	355	(50)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	7,851	1,110	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Buy	431	60	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	39,438	(5,537)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	3,168,311	(441,269)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Sell	3,532	(492)	Ordinary
03-Dec-18	UBS AG New York (299 Park Avenue) Branch	Sell	2,722	(390)	Ordinary
03-Dec-18	UBS Securities Australia Ltd	Stock returned	N/A	(112,000)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	305	(43)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	50	(7)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	14	2	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	28	4	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	1,080	153	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	2,062	292	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	294,839	(41,890)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	169,267	24,083	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	2,329	(331)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	878,345	125,001	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	333,565	(47,137)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	1,111,231	(157,971)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	1,808	256	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	66,030	(9,393)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	78,090	(11,099)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	782,310	(111,152)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	667,236	94,763	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	488,295	(69,439)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	54,473	(7,780)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	52,160	(7,406)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	52,740	(7,471)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	82,848	(11,776)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	7,441	(1,059)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	14,897	(2,126)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	3,566	505	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Buy	10,262	1,464	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Sell	5,961	(848)	Ordinary
04-Dec-18	UBS AG New York (299 Park Avenue) Branch	Sell	1,773	(250)	Ordinary
04-Dec-18	UBS Securities Australia Ltd	Stock returned	N/A	(54,000)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Stock returned	N/A	(1,296,030)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	7,747	(1,113)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	84,137	12,156	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	78,446	(11,253)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	26,596	3,857	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	14	2	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	294	42	Ordinary

05-Dec-18	UBS Securities Australia Ltd	Buy	2,824	404	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	294	(42)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	14	(2)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	357	(51)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	7	(1)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	49,220	(7,032)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	28	4	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	385	55	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	150,505	(21,567)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	149,749	21,416	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	535	(77)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	704,744	101,201	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	656,441	(94,554)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	7	1	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	7	(1)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Buy	1,135,773	162,961	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	269,366	(39,085)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	471,237	(67,358)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	53,705	(7,678)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	1,412	(205)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	12,063	(1,740)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Sell	12,815	(1,835)	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Stock borrowed	N/A	417,000	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Stock borrowed	N/A	37,225	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Stock borrowed	N/A	5,000	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Stock borrowed	N/A	10,000	Ordinary
05-Dec-18	UBS Securities Australia Ltd	Stock borrowed	N/A	10,143	Ordinary