

Form 605

Corporations Law
Section 671B

Notice of ceasing to be a substantial holder

To: Company Name/Scheme APPEN LIMITED

ACN/ARSN 138 878 298

1. Details of substantial holder (1)

Name UBS Group AG and its related bodies corporate

ACN/ARSN (if applicable): _____

The holder ceased to be a substantial shareholder on **30 August 2018**

The previous notice was given to the company on **17 August 2018**

The previous notice was dated **15 August 2018**

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change (5)	Class (6) and Number of securities affected	Person's votes affected
Please see Appendix A.					

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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

4. 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: Serene Peh

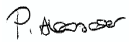
Capacity: Authorised signatory

Sign Here: 

Date: 3 September 2018

Print Name: Philip Alexander

Capacity: Authorised signatory

Sign Here: 

Date: 3 September 2018

Contact details for this notice:

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

APX - Appendix A					
Date of change	Person whose relevant interest changed	Nature of Change	Consideration given in relation to change	Number of securities	Class
16-Aug-18	UBS Securities Australia Ltd	Buy	234,366	20,837	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	222,643	(19,872)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	136,348	(12,144)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	152,187	13,557	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	275,924	(24,588)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	176,077	15,712	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	13,828	(1,238)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	23,958	2,135	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	43,808	(3,909)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	6,261	(557)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	138,651	(12,370)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	84,360	(7,530)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	121,732	(10,866)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	7,614	(679)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	125	(11)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	156,959	(14,005)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	5,050	450	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	8,479	755	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	23,119	(2,068)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	8,262	(739)	Ordinary
16-Aug-18	UBS AG London Branch	Stock received	N/A	17,310	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	202	18	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	9,633	857	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	73,082	6,502	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	79	7	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	79	7	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	540	48	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	416	37	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	292	26	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	3,945	351	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	34	3	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	2,091	186	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	697	62	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	2,248	200	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	11	1	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	11	(1)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	22	2	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	11	(1)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	11	(1)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Sell	592	(53)	Ordinary
16-Aug-18	UBS Securities Australia Ltd	Buy	34	3	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	185,132	(16,574)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy	247,877	22,165	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	201,923	(18,047)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	118,606	(10,592)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	7,637	(683)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	190,700	(17,022)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	120,378	(10,772)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy	124,781	11,140	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	342,454	(30,516)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy	297,848	26,521	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy	10,379	930	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy	11	1	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy	4,564	408	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	139,406	(12,459)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	5,744	(513)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	8,286	(740)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	8,743	(781)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell	7,331	(657)	Ordinary

17-Aug-18	UBS Securities Australia Ltd	Sell		143,269	(12,826)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy		49,018	4,362	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy		13,434	1,202	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell		4,546	(404)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy		780	70	Ordinary
17-Aug-18	UBS AG London Branch	Stock received	N/A		1,625	Ordinary
17-Aug-18	UBS AG London Branch	Stock returned	N/A		(1,177)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell		112	(10)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Sell		22	(2)	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy		22	2	Ordinary
17-Aug-18	UBS Securities Australia Ltd	Buy		11	1	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		424,482	37,495	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		240,431	(21,365)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		141,664	12,597	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		302,134	(26,717)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		90,605	(8,033)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		117,514	10,466	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		1,295	115	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		891	79	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		54,555	4,840	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		223,223	(19,771)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		11,998	1,064	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		9,151	815	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		1,773	(158)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		73,928	(6,590)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		66,737	5,772	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		77,297	(6,888)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		526	47	Ordinary
20-Aug-18	UBS AG London Branch	Stock received	N/A		1,278	Ordinary
20-Aug-18	UBS AG London Branch	Stock received	N/A		2,400	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Sell		180	(16)	Ordinary
20-Aug-18	UBS Securities Australia Ltd	Buy		56	5	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		331,338	29,223	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		132,370	(11,724)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		429,716	37,811	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		176,207	(15,619)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		162,966	14,315	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		50,978	(4,515)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		690	(60)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		5,003	436	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		271	(24)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		9,851	870	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		262,374	(23,162)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		2,284	(200)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		158,525	(13,953)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		11,470	1,000	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		5,414	473	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		11,079	968	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		126	11	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		15,228	(1,355)	Ordinary
21-Aug-18	UBS AG London Branch	Stock returned	N/A		(1,278)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		11	1	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		80	(7)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		34	3	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Sell		11	(1)	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		34	3	Ordinary
21-Aug-18	UBS Securities Australia Ltd	Buy		70	6	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		785,107	(62,167)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		889,307	71,162	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		643	(55)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		1,902	153	Ordinary

22-Aug-18	UBS Securities Australia Ltd	Sell		218,635	(17,192)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		366,141	(28,978)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		478,984	(37,422)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		672,462	52,829	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		1,053,189	(84,484)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		1,520,522	119,780	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		6,731	564	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		114,704	9,308	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		561,192	(44,788)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		19,441	1,518	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		17,915	(1,421)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		2,415	(190)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		32,662	(2,610)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		9,480	746	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		134,492	(10,734)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		120,998	9,715	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		13,087	1,018	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		26,192	(2,083)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		79,604	(6,276)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		361,041	30,000	Ordinary
22-Aug-18	UBS AG London Branch	Stock returned		N/A	(3,005)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		77	(6)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Buy		39	3	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		51	(4)	Ordinary
22-Aug-18	UBS Securities Australia Ltd	Sell		7,527	(579)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		1,435,556	101,341	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		1,586,792	(111,923)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		11,615	(800)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		7,910	565	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		3,198	246	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		20,245	(1,402)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		593	44	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		72,713	(5,490)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		2,435	171	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		271,271	(20,138)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		1,059,738	75,634	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		908,134	(63,181)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		664,681	46,549	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		451,847	(31,408)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		20,601	1,600	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		62,605	(4,438)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		97,093	(6,868)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		24,052	(1,709)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		15,247	(1,154)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		606	(46)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		129,521	(8,911)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		15,503	(1,066)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		24,706	1,746	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		27,640	(2,100)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		114,625	(7,953)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		12,943	(898)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		43,561	3,008	Ordinary
23-Aug-18	UBS AG London Branch	Stock returned		N/A	(3,577)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		43	3	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		332	(23)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		505	(35)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Sell		159	(11)	Ordinary
23-Aug-18	UBS Securities Australia Ltd	Buy		14	1	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		239,285	16,571	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		2,322,988	(168,921)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		2,094,011	151,970	Ordinary

24-Aug-18	UBS Securities Australia Ltd	Sell		308,472	(22,303)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		454,959	32,787	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		24,208	(1,688)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		28,316	(2,124)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		42,767	2,943	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		25,810	(1,787)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		18,754	1,307	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		25,343	(1,950)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		203,487	(14,742)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		190,976	13,834	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		552	40	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		39,776	2,706	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		76,357	(5,509)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		362,808	(26,480)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		21,347	(1,549)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		2,254	(163)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		1,371	(100)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		306,466	(22,351)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		39,298	2,805	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		162,051	11,805	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		158,531	(11,305)	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		1,666,804	120,107	Ordinary
24-Aug-18	UBS AG London Branch	Stock returned		N/A	(4,425)	Ordinary
24-Aug-18	UBS AG Australia Branch	Stock received		N/A	1,247	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Buy		42	3	Ordinary
24-Aug-18	UBS Securities Australia Ltd	Sell		811	(59)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		1,585,504	113,949	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		1,498,701	(107,340)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		395,029	(28,671)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		48,565	(3,505)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		476,895	34,131	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		932,208	(66,483)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		1,462,913	104,560	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		416,595	(29,649)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		14,187	1,006	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		481	35	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		9,417	(666)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		1,532	(110)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		56,819	4,165	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		45,355	(3,231)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		9,123	655	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		106,447	(7,626)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		27,550	(1,976)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		67,363	(4,764)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		26,219	1,865	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		2,767	(201)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		31,385	(2,225)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		641,001	(45,507)	Ordinary
27-Aug-18	UBS AG London Branch	Stock returned		N/A	(3,848)	Ordinary
27-Aug-18	UBS AG London Branch	Stock returned		N/A	(1,278)	Ordinary
27-Aug-18	UBS AG London Branch	Stock returned		N/A	(363)	Ordinary
27-Aug-18	UBS AG London Branch	Stock returned		N/A	(1,450)	Ordinary
27-Aug-18	UBS AG Australia Branch	Stock received		N/A	5,000	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		71	(5)	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		57,012	4,032	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		14	1	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		4,426	313	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Buy		28,775	2,035	Ordinary
27-Aug-18	UBS Securities Australia Ltd	Sell		31	(2)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		3,441,870	228,411	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		2,820,603	(185,837)	Ordinary

28-Aug-18	UBS Securities Australia Ltd	Sell		487,287	(32,437)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		661,092	44,187	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		37,604	(2,550)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		114,972	(7,674)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		65,284	4,328	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		63,372	(4,281)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		71,707	(4,824)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		26,336	1,700	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		13,475	(900)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		525	(35)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		16,322	1,053	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		20,660	1,400	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		94,383	(6,298)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		16,034	(1,069)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		1,796	120	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		88,879	(5,900)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		305,747	20,108	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		157,398	(10,400)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		12,029	813	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		58,374	(3,908)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		58,852	(3,940)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		141,186	(9,541)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		3,761	251	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		4,264,184	282,065	Ordinary
28-Aug-18	UBS AG London Branch	Stock returned		N/A	(3,511)	Ordinary
28-Aug-18	UBS AG London Branch	Stock returned		N/A	(600)	Ordinary
28-Aug-18	UBS AG London Branch	Stock returned		N/A	(350)	Ordinary
28-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(37,655)	Ordinary
28-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(24,731)	Ordinary
28-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(4,107)	Ordinary
28-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(5,000)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		5,405	(351)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Sell		120	(8)	Ordinary
28-Aug-18	UBS Securities Australia Ltd	Buy		45	3	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		1,366,716	(91,749)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		1,372,543	91,893	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		1,152,025	77,242	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		399,755	(26,772)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		50,014	(3,353)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		273,442	(18,332)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		1,234,232	(82,637)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		572,139	38,333	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		418	(28)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		83,107	5,563	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		19,841	1,329	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		43,834	2,935	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		14,466	969	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		65,610	4,400	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		67,929	(4,550)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		18,680	1,249	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		14,274	(956)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		11,631	(779)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		881	59	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		40,271	(2,700)	Ordinary
29-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(40,218)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		75	(5)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		75	5	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		15	(1)	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		15	1	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Buy		75	5	Ordinary
29-Aug-18	UBS Securities Australia Ltd	Sell		253	(17)	Ordinary

30-Aug-18	UBS AG London Branch	Sell		1,538,473	(101,475)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		158,178	10,616	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		1,177,805	(76,941)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		1,103,057	72,009	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		16,104	1,058	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		193,472	(12,498)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		210,724	13,645	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		321	21	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		27,590	1,800	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		2,017,182	131,763	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		656,595	(43,192)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		904,301	(58,625)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		526,775	34,314	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		226,670	(14,706)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		154,016	(10,127)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		673,519	43,670	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		7,908	516	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		8,485	552	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		1,537	101	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		253,878	16,636	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		31,175	(2,000)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		9,568	(625)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		203,322	(13,156)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		301,232	(19,692)	Ordinary
30-Aug-18	UBS AG London Branch	Stock returned		N/A	(227)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(130,000)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(30,000)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(1,071,369)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(5,082)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(13,437)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(1,551)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(12,376)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(500,000)	Ordinary
30-Aug-18	UBS AG Australia Branch	Stock returned		N/A	(1,247)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		15	1	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		861	57	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		4,898	322	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		3,996	262	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		17,060	1,115	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		30	2	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		227	15	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		15	(1)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		1,663	110	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		624	41	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		1,249	82	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		470	31	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		502	33	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		46	3	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		46	(3)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		16	(1)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Sell		11,919	(768)	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		16	1	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		4,703	303	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		9,855	635	Ordinary
30-Aug-18	UBS Securities Australia Ltd	Buy		3,476	224	Ordinary