

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme ERM POWER LIMITED

ACN/ARSN 122 259 223

1. Details of substantial holder (1)

Name Morgan Stanley and its subsidiaries listed in Annexure A
ACN/ARSN (if applicable) Not Applicable

The holder became a substantial holder on August 22, 2019

The holder became aware on August 26, 2019

2. Details of 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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary Shares	12,700,784	12,700,784	5.07%
			Based on 250,288,527 Ordinary Shares Outstanding

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Morgan Stanley Australia Securities Limited	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses.	12,678,605 Ordinary Shares
Morgan Stanley Wealth Management Australia Pty Ltd	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business.	22,179 Ordinary Shares
Each of the entities (as listed in Annexure A) in the Morgan Stanley group upstream of the above entities	Each of the above entities is a body corporate that each upstream entity controls and therefore has the relevant interests that the above entities collectively have.	12,700,784 Ordinary Shares(N.B.: Total of the above direct interest)

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Morgan Stanley Australia Securities Limited	Morgan Stanley Australia Securities (Nominee) Pty Limited	Not Applicable	12,678,605 Ordinary Shares
Morgan Stanley Wealth Management Australia Pty Ltd	Morgan Stanley Wealth Management Australia Pty discretionary client account	Not Applicable	22,179 Ordinary Shares

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number interest of securities
		Cash	Non-cash	
Morgan Stanley Australia Securities Limited	04/23/2019	444.19	Buy	259 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/23/2019	49.74	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/23/2019	3,937.08	Buy	2,289 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	277.73	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	456.31	Buy	263 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	385.28	Buy	224 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	5,885.59	Buy	3,407 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	41.52	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	453.02	Buy	263 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	48.37	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	3,321.66	Buy	1,909 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	2,206.76	Buy	1,283 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	1,198.75	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	158.24	Buy	92 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	55.04	Buy	32 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	825.75	Buy	478 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	36.12	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	873.76	Buy	508 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	197.79	Buy	114 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	6,364.67	Buy	3,679 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	548.68	Buy	319 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	195.49	Buy	113 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	1,399.28	Buy	810 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	638.37	Buy	369 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	676.43	Buy	391 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/24/2019	379.50	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	13.84	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	369.56	Buy	213 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	133.02	Buy	77 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	507.89	Buy	294 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	282.98	Buy	165 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	24.22	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	193.20	Buy	112 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	609.81	Buy	353 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	267.93	Buy	156 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	15.57	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	932.47	Buy	539 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	318.20	Buy	185 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	455.40	Buy	264 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	604.56	Buy	352 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	223.82	Buy	129 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	1,866.45	Buy	1,082 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	1,615.08	Buy	939 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	275.31	Buy	161 Ordinary Shares

Morgan Stanley Australia Securities Limited	04/26/2019	205.57	Buy	119 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	18.87	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	288.91	Buy	167 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/26/2019	791.16	Buy	456 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	3,808.60	Buy	2,192 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	5.16	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	258.21	Buy	151 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	202.96	Buy	118 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	122.83	Buy	71 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	246.68	Buy	143 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	429.53	Buy	249 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	492.42	Buy	283 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	57.26	Buy	33 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	3,418.48	Buy	1,976 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	3,856.17	Buy	2,229 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	138.60	Buy	80 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	200.10	Buy	116 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	365.30	Buy	213 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	260.48	Buy	151 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	264.69	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/29/2019	25.95	Buy	15 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	239.43	Buy	138 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	24.36	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	65.36	Buy	38 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	5.16	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	37.84	Buy	22 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	820.11	Buy	481 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	510.35	Buy	295 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	3,450.00	Buy	2,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	170.28	Buy	98 Ordinary Shares
Morgan Stanley Australia Securities Limited	04/30/2019	2,366.40	Buy	1,360 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	6,556.32	Buy	3,768 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	3,516.54	Buy	2,021 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	53.79	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	96.32	Buy	56 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	2,050.05	Buy	1,185 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	1.73	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	4,720.23	Buy	2,705 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	324.45	Buy	187 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/01/2019	24.36	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	5.21	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	220.35	Buy	127 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	240.12	Buy	138 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	2,031.18	Buy	1,164 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	1,656.48	Buy	952 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	24.29	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	64.29	Buy	37 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	1.72	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	1,021.38	Buy	587 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/02/2019	334.56	Buy	192 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/03/2019	295.84	Buy	172 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	269.88	Buy	156 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	360.36	Buy	208 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	7,259.00	Buy	4,270 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	817.74	Buy	472 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	1.73	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	806.78	Buy	463 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	1,915.35	Buy	1,130 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	297.54	Buy	171 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	692.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	577.92	Buy	336 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/03/2019	1,539.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	854.91	Buy	483 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	3,536.86	Buy	1,987 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	88.23	Buy	51 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	235.17	Buy	134 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	31.37	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	384.45	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	320.40	Buy	180 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	258.14	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	15.57	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	574.29	Buy	331 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	360.80	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	167.81	Buy	97 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	991.48	Buy	569 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/06/2019	1,131.00	Buy	650 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/07/2019	47.52	Buy	27 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/07/2019	175.23	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/07/2019	716.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/07/2019	252.70	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/07/2019	2,809.18	Buy	1,565 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	1,930.50	Buy	1,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	99.12	Buy	56 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	348.69	Buy	197 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	308.66	Buy	171 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	1.77	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	81.31	Buy	46 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/08/2019	168.15	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	3,554.10	Buy	1,980 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	1,965.42	Buy	1,098 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	405.01	Buy	223 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	1,547.55	Buy	855 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	179.50	Buy	100 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	546.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	3,258.00	Buy	1,800 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	4,181.76	Buy	2,304 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	3,615.80	Buy	2,020 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	441.05	Buy	243 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/09/2019	355.25	Buy	196 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	826.50	Buy	456 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/10/2019	2,263.31	Buy	1,247 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	9.05	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	7.28	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	553.28	Buy	304 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	608.29	Buy	337 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	366.42	Buy	203 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	856.04	Buy	471 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	20.02	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	272.93	Buy	151 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	630.67	Buy	347 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	207.20	Buy	114 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	471.90	Buy	260 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	1,830.63	Buy	1,010 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	88.20	Buy	49 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	358.38	Buy	198 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	8,542.25	Buy	4,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	331.23	Buy	183 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/10/2019	123.76	Buy	68 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	406.80	Buy	226 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	627.27	Buy	348 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	520.55	Buy	290 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	237.60	Buy	132 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	27.30	Buy	15 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	182.58	Buy	102 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	198.69	Buy	111 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	566.53	Buy	313 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	319.04	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	199.52	Buy	111 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	3.58	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	195.11	Buy	109 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	5,418.00	Buy	3,010 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	294.94	Buy	165 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	341.89	Buy	191 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	299.63	Buy	166 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	287.79	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	332.12	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/13/2019	579.60	Buy	322 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	1.79	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	871.73	Buy	487 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	479.27	Buy	267 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	806.84	Buy	447 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	342.56	Buy	189 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	50.12	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	826.98	Buy	462 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	284.56	Buy	157 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	388.43	Buy	217 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	12.53	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	111.91	Buy	62 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	482.30	Buy	265 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	1,506.96	Buy	828 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/14/2019	1,684.95	Buy	940 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/14/2019	138.32	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	2,216.76	Buy	1,218 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	295.85	Buy	163 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	1,684.32	Buy	928 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	491.87	Buy	271 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	120.29	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	10.94	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	189.28	Buy	104 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	922.50	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	1,260.00	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	243.68	Buy	135 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	5,197.92	Buy	2,856 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	7,826.00	Buy	4,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	47.26	Buy	26 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	7.10	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	2,321.23	Buy	1,286 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/15/2019	56.27	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	215.94	Buy	118 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	2,573.75	Buy	1,450 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	257.02	Buy	142 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	492.66	Buy	276 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	49.56	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	716.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	299.55	Buy	169 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	167.90	Buy	92 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	14.60	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	408.87	Buy	231 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	651.36	Buy	368 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	385.60	Buy	211 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	484.84	Buy	272 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	155.76	Buy	88 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	181.30	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	8,708.97	Buy	4,759 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	67.83	Buy	38 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	1,686.25	Buy	950 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	412.20	Buy	229 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	440.43	Buy	241 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	792.97	Buy	443 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	120.53	Buy	68 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/16/2019	1,464.94	Buy	823 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	138.70	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	376.18	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	259.20	Buy	144 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	1,102.16	Buy	599 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	51.77	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	112.24	Buy	61 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	3,868.18	Buy	2,108 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	435.42	Buy	236 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	1,191.87	Buy	646 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/17/2019	39.82	Buy	22 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	271.50	Buy	150 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	3,609.85	Buy	1,978 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	413.82	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	219.60	Buy	122 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	655.22	Buy	362 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	1,612.71	Buy	891 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	8,235.00	Buy	4,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	138.32	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	237.25	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	150.88	Buy	82 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	266.40	Buy	144 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	7,293.76	Buy	3,964 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	7,715.28	Buy	4,216 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	666.05	Buy	369 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	1,881.39	Buy	1,054 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	574.79	Buy	318 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	23.21	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	1,630.24	Buy	886 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	228.78	Buy	124 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	553.50	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	420.57	Buy	233 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	567.30	Buy	310 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	1,134.87	Buy	627 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/17/2019	57.92	Buy	32 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	161.98	Buy	89 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	819.84	Buy	448 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	728.64	Buy	396 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	255.50	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	101.50	Buy	56 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	1,134.38	Buy	625 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	299.48	Buy	165 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	1,742.40	Buy	960 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	270.47	Buy	148 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	953.17	Buy	523 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	1,954.58	Buy	1,071 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	637.88	Buy	350 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	1,388.83	Buy	761 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	850.59	Buy	468 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	320.37	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	2,031.12	Buy	1,116 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	675.28	Buy	368 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	111.02	Buy	61 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/20/2019	449.17	Buy	247 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	1,734.46	Buy	953 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	503.60	Buy	279 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	9.18	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	288.98	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	394.74	Buy	216 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	225.68	Buy	124 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/21/2019	2,162.16	Buy	1,188 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	1,689.09	Buy	923 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	180.18	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	2,349.72	Buy	1,284 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	175.09	Buy	97 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	52.64	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	460.59	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	829.24	Buy	455 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	2,127.95	Buy	1,166 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	1,058.15	Buy	583 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	1,550.64	Buy	852 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/21/2019	392.58	Buy	216 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	468.27	Buy	258 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	404.04	Buy	222 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	347.04	Buy	192 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	3,795.75	Buy	2,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	2,175.00	Buy	1,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	1.81	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	3,703.57	Buy	2,049 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	235.95	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	69.16	Buy	38 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	1,444.00	Buy	800 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	230.82	Buy	127 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	455.08	Buy	248 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	34.39	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	263.52	Buy	144 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	119.79	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	4,331.33	Buy	2,393 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	1,448.00	Buy	800 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	849.94	Buy	467 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	970.06	Buy	533 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	776.07	Buy	427 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/22/2019	1,168.86	Buy	644 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	492.27	Buy	269 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	663.39	Buy	365 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	980.03	Buy	537 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	1,112.02	Buy	611 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	224.48	Buy	122 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	3,179.88	Buy	1,752 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	54.45	Buy	30 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	366.13	Buy	202 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	3,606.41	Buy	1,987 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	1,255.60	Buy	688 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	636.75	Buy	347 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	267.14	Buy	148 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	291.81	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	671.61	Buy	367 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	364.50	Buy	200 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	326.25	Buy	180 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	58.72	Buy	32 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/23/2019	1,395.94	Buy	767 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	32.67	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	92.00	Buy	50 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	262.45	Buy	145 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	374.13	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	1,341.39	Buy	733 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	2,936.00	Buy	1,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	291.81	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	9,185.75	Buy	5,068 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	658.85	Buy	363 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/23/2019	320.81	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	3,221.80	Buy	1,780 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	9,752.00	Buy	5,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	2,548.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	825.75	Buy	450 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	548.43	Buy	303 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	74.83	Buy	41 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	14.56	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	426.59	Buy	235 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	23.92	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	428.97	Buy	237 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	4,960.86	Buy	2,787 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	651.36	Buy	354 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	354.16	Buy	193 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	303.94	Buy	167 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	605.55	Buy	330 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	1,820.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	1,893.84	Buy	1,042 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	624.26	Buy	343 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	54.45	Buy	30 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	1,192.75	Buy	650 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	321.20	Buy	176 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	72.98	Buy	41 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/24/2019	345.45	Buy	188 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	62.83	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	741.15	Buy	405 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	1,810.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	219.00	Buy	120 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	391.09	Buy	214 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	171.79	Buy	94 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	312.08	Buy	171 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	2,263.00	Buy	1,240 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	302.95	Buy	166 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	1,616.16	Buy	888 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	52.93	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	1,525.70	Buy	836 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	3,881.43	Buy	2,121 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	1,638.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	191.63	Buy	105 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	384.55	Buy	211 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/27/2019	2,172.00	Buy	1,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	1,438.38	Buy	786 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	74.83	Buy	41 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	728.18	Buy	399 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/27/2019	42.84	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	697.23	Buy	381 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	1,076.40	Buy	589 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	3,293.60	Buy	1,790 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	7.28	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	47.84	Buy	26 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	4,318.80	Buy	2,360 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	237.25	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	87.72	Buy	48 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/28/2019	1,830.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	320.16	Buy	174 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	13,014.32	Buy	7,073 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	243.72	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	600.86	Buy	327 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	686.25	Buy	375 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	1,277.06	Buy	695 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	7,106.08	Buy	3,862 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	27.60	Buy	15 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	248.74	Buy	135 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/29/2019	871.63	Buy	475 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	3.68	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	1,850.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	1,068.26	Buy	579 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	66.87	Buy	36 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	42.55	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	4,119.76	Buy	2,239 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	3,140.75	Buy	1,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	11.16	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	5,565.00	Buy	3,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	2,179.92	Buy	1,172 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	3,710.00	Buy	2,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	102.30	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	644.78	Buy	349 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	94.22	Buy	51 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	174.84	Buy	94 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/30/2019	1,759.35	Buy	951 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	689.78	Buy	364 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	337.19	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	11,482.50	Buy	6,124 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	453.26	Buy	237 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	142.50	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	895.35	Buy	470 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	291.45	Buy	154 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	196.35	Buy	105 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	5.61	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	9,992.34	Buy	5,273 Ordinary Shares

Morgan Stanley Australia Securities Limited	05/31/2019	11,460.00	Buy	6,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	6,206.52	Buy	3,241 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	671.33	Buy	359 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	1,875.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	616.32	Buy	321 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	3,356.61	Buy	1,762 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	8,952.80	Buy	4,712 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	783.67	Buy	413 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	155.21	Buy	83 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	5,062.09	Buy	2,707 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	4,940.00	Buy	2,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	166.76	Buy	88 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	112.84	Buy	59 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	20.85	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	1,890.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	16,133.88	Buy	8,425 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	216.78	Buy	115 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	393.12	Buy	208 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	3,760.00	Buy	2,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	3,356.65	Buy	1,795 Ordinary Shares
Morgan Stanley Australia Securities Limited	05/31/2019	11.34	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	17.19	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	559.18	Buy	292 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	342.45	Buy	180 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	4,385.28	Buy	2,284 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	779.52	Buy	406 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	7,546.50	Buy	3,900 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	278.50	Buy	146 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	817.48	Buy	428 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	31.12	Buy	16 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	12,931.00	Buy	6,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	488.96	Buy	256 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	148.59	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	43.99	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	54.96	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	714.30	Buy	373 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	82.78	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	4,419.54	Buy	2,284 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	9.58	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	654.64	Buy	345 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	440.63	Buy	231 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	83.42	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	263.06	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	284.96	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	6,595.05	Buy	3,426 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	263.41	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	1,147.99	Buy	605 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	3,198.01	Buy	1,657 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	15.36	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/03/2019	285.34	Buy	149 Ordinary Shares

Morgan Stanley Australia Securities Limited	06/04/2019	2,278.85	Buy	1,190 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	1,455.42	Buy	762 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	3,531.26	Buy	1,844 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	1,247.23	Buy	653 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	1,974.37	Buy	1,031 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	1,255.40	Buy	659 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	374.40	Buy	195 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	108.87	Buy	57 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	427.50	Buy	225 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	111.65	Buy	58 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	1,860.34	Buy	974 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/04/2019	255.27	Buy	134 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	245.39	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	2,556.53	Buy	1,335 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	131.40	Buy	72 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	4,303.35	Buy	2,358 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,423.50	Buy	780 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	310.20	Buy	165 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,177.50	Buy	628 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	17.10	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	250.58	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	9.43	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,656.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	36.24	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	3,967.27	Buy	2,162 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,061.40	Buy	580 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	4,602.18	Buy	2,508 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1.90	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,875.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	82.13	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,604.59	Buy	839 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	1,205.20	Buy	655 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/05/2019	135.97	Buy	71 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	1,315.59	Buy	697 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	162.54	Buy	86 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	261.32	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	823.98	Buy	443 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	250.71	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	55.20	Buy	30 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	367.41	Buy	197 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	170.85	Buy	91 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	1,575.93	Buy	845 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	75.00	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	65.01	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	262.61	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	199.02	Buy	107 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	329.66	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	106.02	Buy	57 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	262.26	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	54.67	Buy	29 Ordinary Shares

Morgan Stanley Australia Securities Limited	06/06/2019	166.95	Buy	90 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	280.11	Buy	151 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	520.95	Buy	276 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	498.96	Buy	264 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	526.38	Buy	283 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	799.80	Buy	430 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	33.12	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	293.09	Buy	158 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	954.45	Buy	505 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	112.80	Buy	60 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	73.52	Buy	39 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	716.28	Buy	381 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	1,860.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/06/2019	318.57	Buy	169 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	904.80	Buy	480 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	1,605.77	Buy	853 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	2,142.72	Buy	1,152 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	3,976.88	Buy	2,121 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	67.32	Buy	36 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	158.67	Buy	86 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	1,228.40	Buy	664 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	718.85	Buy	387 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	11.16	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	1,847.30	Buy	980 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	2,420.77	Buy	1,298 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	831.42	Buy	447 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	3,587.04	Buy	1,908 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	288.41	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	675.97	Buy	361 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	12.92	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	192.87	Buy	103 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	675.00	Buy	360 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	1,481.04	Buy	792 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	256.88	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	2,652.90	Buy	1,434 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	2,152.37	Buy	1,151 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	7.50	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	11.24	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	1,128.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	428.64	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/07/2019	1,116.71	Buy	602 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	13.02	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	703.12	Buy	376 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	59.36	Buy	32 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	143.99	Buy	77 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	293.75	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	510.81	Buy	275 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	1,315.42	Buy	712 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	284.52	Buy	154 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	322.34	Buy	174 Ordinary Shares

Morgan Stanley Australia Securities Limited	06/11/2019	79.98	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	1,706.60	Buy	920 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	251.44	Buy	135 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	525.47	Buy	281 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	701.15	Buy	379 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	402.84	Buy	216 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	569.93	Buy	306 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	656.67	Buy	354 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	4,136.60	Buy	2,236 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	228.17	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	264.83	Buy	142 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	201.96	Buy	108 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	706.80	Buy	380 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	258.89	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	320.48	Buy	173 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	2,671.20	Buy	1,440 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	189.72	Buy	102 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	188.96	Buy	102 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	303.81	Buy	164 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	1,219.15	Buy	659 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	11.22	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/11/2019	330.19	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	317.05	Buy	170 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	3,865.28	Buy	2,056 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	53.65	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	3,149.25	Buy	1,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	600.27	Buy	321 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	503.55	Buy	270 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	287.28	Buy	152 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	3,600.00	Buy	1,920 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	24.51	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	327.80	Buy	176 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	470.54	Buy	254 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/12/2019	1,644.93	Buy	882 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	1,938.28	Buy	1,031 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	348.73	Buy	185 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	287.64	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	429.78	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	1,953.75	Buy	1,031 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	548.54	Buy	291 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	66.15	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	45.48	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	1,589.50	Buy	850 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	419.24	Buy	223 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/13/2019	116.72	Buy	62 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	130.07	Buy	69 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	2,469.19	Buy	1,303 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	153.50	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	4,037.50	Buy	2,125 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	512.19	Buy	271 Ordinary Shares

Morgan Stanley Australia Securities Limited	06/14/2019	161.08	Buy	85 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	2,850.00	Buy	1,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	914.23	Buy	485 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	1,098.96	Buy	583 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	11.40	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	1,173.01	Buy	619 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/14/2019	313.50	Buy	165 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	1,631.84	Buy	868 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	115.29	Buy	61 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	4,358.50	Buy	2,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	414.46	Buy	219 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	213.85	Buy	113 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	335.86	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	2,903.14	Buy	1,532 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	5,035.50	Buy	2,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	261.32	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	369.46	Buy	196 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	4,910.62	Buy	2,626 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	831.29	Buy	441 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	1,069.74	Buy	566 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	1,313.24	Buy	693 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/17/2019	257.38	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/18/2019	644.49	Buy	341 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/18/2019	4,184.16	Buy	2,208 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/18/2019	2,501.27	Buy	1,313 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/18/2019	1,379.40	Buy	726 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/18/2019	3,326.90	Buy	1,751 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/18/2019	980.20	Buy	520 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	2,884.19	Buy	1,522 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	2,327.06	Buy	1,228 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	2,029.86	Buy	1,074 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	1,743.40	Buy	920 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	1,771.90	Buy	940 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	5,532.80	Buy	2,912 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	7,593.32	Buy	4,039 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/19/2019	2,188.32	Buy	1,164 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/20/2019	3,305.29	Buy	1,726 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/20/2019	1,362.08	Buy	715 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/20/2019	1.91	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/20/2019	4,741.55	Buy	2,489 Ordinary Shares
Morgan Stanley Wealth Management Australia Pty Ltd	06/20/2019	N/A	Transfer In	360,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	27,049.38	Buy	14,125 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	67.03	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	1,163.19	Buy	609 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	3,043.80	Buy	1,602 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	1,200.00	Buy	625 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	471.71	Buy	246 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	1,150.50	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	2,350.00	Buy	1,250 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/21/2019	1,999.26	Buy	1,044 Ordinary Shares

Morgan Stanley Australia Securities Limited	06/21/2019	2,688.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	1,645.74	Buy	892 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	287.26	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	978.75	Buy	522 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	2,407.15	Buy	1,277 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	1,669.85	Buy	910 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	16.74	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	63.16	Buy	34 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	1,355.32	Buy	719 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	1,066.91	Buy	566 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	503.70	Buy	269 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	7,323.20	Buy	3,980 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	1,353.60	Buy	720 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	334.64	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	3,066.28	Buy	1,631 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	220.66	Buy	118 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	471.88	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/24/2019	230.63	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/25/2019	350.96	Buy	191 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/25/2019	29.76	Buy	16 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/25/2019	258.74	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/25/2019	256.46	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/25/2019	271.93	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/26/2019	3,075.46	Buy	1,676 Ordinary Shares
Morgan Stanley Australia Securities Limited	06/27/2019	1,619.20	Buy	880 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	63.24	Buy	34 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	58.44	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	1,033.13	Buy	551 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	188.87	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	851.25	Buy	454 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	1,140.18	Buy	613 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	80.73	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	1,795.20	Buy	960 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	226.57	Buy	121 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	95.37	Buy	51 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/01/2019	80.63	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	2,592.71	Buy	1,361 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	143.45	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	17.15	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	251.70	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	495.25	Buy	261 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	253.03	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	83.38	Buy	44 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	39.80	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	54.52	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/02/2019	1,890.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	2,681.34	Buy	1,334 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	50.00	Buy	25 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	1,530.74	Buy	779 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	7,997.96	Buy	4,009 Ordinary Shares

Morgan Stanley Australia Securities Limited	07/03/2019	779.07	Buy	391 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	21,403.80	Buy	10,810 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	909.44	Buy	464 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	49.56	Buy	25 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	4,048.35	Buy	2,055 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	21,975.94	Buy	11,071 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	17,664.40	Buy	8,944 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	1,856.67	Buy	933 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/03/2019	12,056.22	Buy	6,089 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	2,893.38	Buy	1,465 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	18,018.00	Buy	9,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	125.84	Buy	63 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	3,346.00	Buy	1,673 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	2,036.61	Buy	1,026 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	3,346.00	Buy	1,673 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	1,420.86	Buy	714 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/04/2019	2,705.75	Buy	1,370 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	1,651.70	Buy	830 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	1,314.71	Buy	659 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	1,709.09	Buy	861 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	91.77	Buy	46 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	39.80	Buy	20 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	1,570.14	Buy	793 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/05/2019	2,284.28	Buy	1,145 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	1,895.25	Buy	950 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	440.67	Buy	222 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	2,220.84	Buy	1,116 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	53.73	Buy	27 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	53.66	Buy	27 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	522.69	Buy	262 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/08/2019	4,768.00	Buy	2,384 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/09/2019	348.00	Buy	174 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/09/2019	13,152.00	Buy	6,576 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/09/2019	891.80	Buy	455 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/09/2019	1,177.96	Buy	601 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/10/2019	1,579.76	Buy	806 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/10/2019	339.15	Buy	170 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/10/2019	2,791.49	Buy	1,417 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/10/2019	841.77	Buy	423 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/10/2019	470.45	Buy	237 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/10/2019	1,603.44	Buy	816 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	311.64	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	2,851.80	Buy	1,470 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	11.79	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	497.89	Buy	255 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	1,071.68	Buy	544 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	1,666.87	Buy	857 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	386.61	Buy	197 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	512.85	Buy	263 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	220.07	Buy	113 Ordinary Shares

Morgan Stanley Australia Securities Limited	07/11/2019	204.58	Buy	106 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	5.97	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	19.73	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	1,100.10	Buy	570 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	406.88	Buy	210 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	336.05	Buy	173 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	9.95	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	3,706.09	Buy	1,903 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	1,422.02	Buy	733 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	1,713.90	Buy	870 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	9.65	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/11/2019	727.56	Buy	376 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	492.80	Buy	256 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	443.46	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	274.95	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	492.15	Buy	255 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	3,312.34	Buy	1,703 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	715.65	Buy	367 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	6,058.56	Buy	3,127 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	27.20	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	505.56	Buy	264 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	258.69	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	19.40	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	106.43	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	107.25	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	886.58	Buy	457 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	3,324.33	Buy	1,718 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	442.32	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	1,464.95	Buy	769 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/12/2019	1,990.22	Buy	1,042 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	40.74	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	21.45	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	971.80	Buy	499 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	81.69	Buy	42 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	1,055.36	Buy	544 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	2,273.70	Buy	1,166 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	588.15	Buy	302 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	25.22	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/15/2019	568.67	Buy	292 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	2,349.00	Buy	1,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	47.04	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	41.06	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	7.83	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	1,828.68	Buy	933 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	3.92	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	1,699.32	Buy	867 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/16/2019	3,144.00	Buy	1,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/17/2019	1.96	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/17/2019	4,384.52	Buy	2,237 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/17/2019	1,372.00	Buy	700 Ordinary Shares

Morgan Stanley Australia Securities Limited	07/18/2019	270.48	Buy	138 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/18/2019	28,926.18	Buy	14,796 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/18/2019	3,120.50	Buy	1,580 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/18/2019	13.84	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/18/2019	4,137.00	Buy	2,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/18/2019	281.00	Buy	143 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	1,754.94	Buy	931 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	399.19	Buy	209 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	279.75	Buy	150 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	3,934.90	Buy	2,071 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	2,016.96	Buy	1,056 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	1,524.00	Buy	800 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	268.52	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	1,222.28	Buy	645 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	195.52	Buy	104 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/19/2019	3.79	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	565.11	Buy	299 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	309.42	Buy	162 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	137.97	Buy	73 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	7.59	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	956.25	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	932.34	Buy	492 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	1,777.51	Buy	938 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	1,228.50	Buy	650 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	2,709.40	Buy	1,426 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	481.92	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	479.41	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	760.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	142.31	Buy	75 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	483.18	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	1,419.27	Buy	746 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	13,541.30	Buy	7,127 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	1,478.10	Buy	780 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	482.58	Buy	252 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	917.18	Buy	484 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	257.04	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	2,701.29	Buy	1,418 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	927.42	Buy	492 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	5,774.10	Buy	3,039 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	1,688.44	Buy	884 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	478.16	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	1,570.01	Buy	834 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	2,779.05	Buy	1,455 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	126.56	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/22/2019	960.12	Buy	508 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	431.30	Buy	227 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	708.66	Buy	372 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	767.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	383.00	Buy	200 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,958.34	Buy	1,028 Ordinary Shares

Morgan Stanley Australia Securities Limited	07/23/2019	459.20	Buy	242 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,086.80	Buy	572 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	437.39	Buy	229 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	8,255.50	Buy	4,345 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	30.36	Buy	16 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	2,738.98	Buy	1,421 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	781.19	Buy	409 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	2,288.43	Buy	1,195 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,776.60	Buy	940 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,084.80	Buy	565 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,419.36	Buy	749 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	2,843.38	Buy	1,479 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,579.57	Buy	827 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	1,388.90	Buy	731 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/23/2019	3,427.60	Buy	1,804 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	336.00	Buy	175 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	5,659.61	Buy	3,051 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	411.06	Buy	221 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	1,085.11	Buy	602 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	1,277.50	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	1,535.27	Buy	821 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	62.48	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	2,591.19	Buy	1,371 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	4,901.61	Buy	2,746 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	3,178.80	Buy	1,766 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	3,364.52	Buy	1,864 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	15,359.93	Buy	8,605 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	2,472.33	Buy	1,351 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	1,539.38	Buy	821 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	4,224.29	Buy	2,241 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	51.10	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/24/2019	491.04	Buy	264 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	120.94	Buy	67 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	615.40	Buy	340 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	1,431.37	Buy	793 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	788.79	Buy	437 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	1,660.60	Buy	920 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	262.80	Buy	146 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	283.61	Buy	158 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	387.34	Buy	214 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	932.15	Buy	515 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	8.98	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	1,659.77	Buy	917 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	5.39	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	561.36	Buy	311 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/25/2019	4,145.75	Buy	2,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	588.06	Buy	324 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	226.88	Buy	125 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	3,708.69	Buy	2,049 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	294.22	Buy	163 Ordinary Shares

Morgan Stanley Australia Securities Limited	07/26/2019	368.73	Buy	204 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	1,911.36	Buy	1,056 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	1,131.25	Buy	625 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	3,671.37	Buy	2,034 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	2,471.23	Buy	1,371 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/26/2019	498.68	Buy	274 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	228.48	Buy	128 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	352.23	Buy	199 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	2,320.20	Buy	1,289 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	199.36	Buy	112 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	1,343.90	Buy	755 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	1,410.15	Buy	790 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	311.96	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	2,471.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	270.43	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	360.80	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	1,341.40	Buy	760 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	433.15	Buy	243 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	383.40	Buy	213 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	1,445.85	Buy	810 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/29/2019	958.53	Buy	534 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	3,319.54	Buy	1,834 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,107.33	Buy	1,174 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,019.80	Buy	1,119 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	7,670.78	Buy	4,238 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	1,303.17	Buy	718 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	34.11	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	1,672.44	Buy	924 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	179.28	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	724.36	Buy	398 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	982.80	Buy	540 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	441.44	Buy	248 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	352.95	Buy	195 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	295.03	Buy	163 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	1,241.24	Buy	682 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	308.66	Buy	171 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	595.65	Buy	330 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	409.17	Buy	227 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	369.00	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,068.54	Buy	1,135 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	681.60	Buy	384 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,210.01	Buy	1,221 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,405.49	Buy	1,329 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	301.29	Buy	166 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	1,033.92	Buy	576 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,817.00	Buy	1,565 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	2,561.42	Buy	1,439 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	182.31	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/30/2019	546.46	Buy	307 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	2,564.60	Buy	1,413 Ordinary Shares

Morgan Stanley Australia Securities Limited	07/31/2019	119.28	Buy	65 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	108.90	Buy	60 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	290.97	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	10.89	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	2,275.00	Buy	1,250 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	284.96	Buy	157 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	321.70	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	276.17	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	205.52	Buy	112 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/31/2019	255.50	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	43.26	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	359.87	Buy	198 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	525.98	Buy	289 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	1,260.00	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	114.66	Buy	63 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	1,272.60	Buy	707 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	1,205.46	Buy	666 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	1,079.26	Buy	593 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	3,330.53	Buy	1,835 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	2,680.43	Buy	1,485 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	693.33	Buy	382 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	58.40	Buy	32 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	1,048.35	Buy	580 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	354.27	Buy	196 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	63.26	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	2,582.96	Buy	1,431 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	1,017.38	Buy	559 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	9.13	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/01/2019	3,337.64	Buy	1,844 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/02/2019	322.14	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/05/2019	133.59	Buy	73 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/05/2019	1,208.48	Buy	664 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/05/2019	42.09	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	75.08	Buy	42 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	10.67	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	3,223.82	Buy	1,796 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	23.21	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	1.78	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	4,828.43	Buy	2,705 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	117.48	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	304.30	Buy	170 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/06/2019	873.98	Buy	491 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	66.69	Buy	38 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	1,490.23	Buy	854 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	504.79	Buy	286 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	1,757.25	Buy	990 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	2,962.25	Buy	1,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	488.60	Buy	280 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	2,103.00	Buy	1,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	728.37	Buy	418 Ordinary Shares

Morgan Stanley Australia Securities Limited	08/07/2019	859.77	Buy	492 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	367.50	Buy	210 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	1,228.50	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	1,125.11	Buy	642 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/07/2019	227.50	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2019	2,340.00	Buy	1,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2019	3,685.50	Buy	2,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2019	1,195.95	Buy	670 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2019	8.95	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2019	877.76	Buy	489 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	5.33	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	8.93	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	330.06	Buy	187 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	41.29	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	14.44	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	104.43	Buy	59 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	464.20	Buy	263 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	1,569.92	Buy	892 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	80.55	Buy	45 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	148.99	Buy	83 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2019	350.96	Buy	198 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/12/2019	1.76	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/12/2019	230.09	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	2,415.24	Buy	1,466 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	381.38	Buy	225 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	1,432.95	Buy	820 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	3,338.90	Buy	1,930 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	1,557.30	Buy	895 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	6,207.30	Buy	3,630 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	47.18	Buy	27 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	5,652.30	Buy	3,405 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	805.68	Buy	481 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/13/2019	304.52	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	1,151.70	Buy	660 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	1,473.50	Buy	842 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	1,669.97	Buy	957 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	5,812.56	Buy	3,312 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	1,464.75	Buy	837 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	106.14	Buy	61 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	126.54	Buy	72 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	1,469.10	Buy	830 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	1,523.20	Buy	863 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	148.33	Buy	85 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/14/2019	288.64	Buy	164 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	1,505.52	Buy	864 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	298.35	Buy	170 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	383.51	Buy	222 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	8,515.06	Buy	4,922 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	1,976.28	Buy	1,149 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	654.50	Buy	385 Ordinary Shares

Morgan Stanley Australia Securities Limited	08/15/2019	2,027.88	Buy	1,179 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	185.76	Buy	108 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	914.60	Buy	538 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	1,652.92	Buy	961 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	383.90	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2019	822.29	Buy	476 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2019	1,439.06	Buy	849 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2019	3,269.52	Buy	1,912 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2019	80.14	Buy	47 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2019	487.90	Buy	287 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2019	360.15	Buy	210 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	763.18	Buy	445 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	1,706.58	Buy	998 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	2,429.30	Buy	1,429 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	2,018.91	Buy	1,167 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	1,978.07	Buy	1,167 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	931.81	Buy	553 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	1,546.44	Buy	907 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	526.62	Buy	313 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	2,436.10	Buy	1,433 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	253.82	Buy	148 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	1.70	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	1,588.60	Buy	940 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/19/2019	1.70	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	92.26	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,565.65	Buy	905 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	4,655.28	Buy	2,771 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,681.63	Buy	998 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,475.52	Buy	848 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	577.92	Buy	344 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	3,115.50	Buy	1,860 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	814.83	Buy	471 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	632.27	Buy	366 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	782.02	Buy	454 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,491.60	Buy	880 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	4,056.00	Buy	2,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	3,482.78	Buy	2,019 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,474.90	Buy	860 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,474.04	Buy	857 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	2,949.50	Buy	1,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/20/2019	1,474.75	Buy	850 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	326.33	Buy	190 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	292.40	Buy	172 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	3.41	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	442.24	Buy	259 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	73.32	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	1,559.40	Buy	920 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	66.79	Buy	39 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	3.42	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	1,665.98	Buy	970 Ordinary Shares

Morgan Stanley Australia Securities Limited	08/21/2019	3,635.46	Buy	2,126 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	388.17	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	338.58	Buy	198 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2019	1,577.80	Buy	920 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2019	5,023.32	Buy	2,042 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2019	600,943.35	Buy	245,283 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2019	1,841,290.38	Buy	753,084 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2019	17,233.30	Buy	7,034 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2019	3,992.69	Buy	1,633 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2019	22,449.99	Buy	9,182 Ordinary Shares

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
Morgan Stanley Wealth Management Australia Pty Ltd	is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan Stanley Australia Securities Limited	is a body corporate controlled by each upstream entity as listed in Annexure A

7. Addresses

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

Name	Address
Morgan Stanley Wealth Management Australia Pty Ltd	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.
Morgan Stanley Australia Securities Limited	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.
Morgan Stanley	1585 Broadway, New York, New York, 10036, USA.

Signature

print name Tony Chen

capacity Vice President

sign here

Tony Chen

date Aug 26, 2019

Annexure A

List of Morgan Stanley and its subsidiaries that have a relevant interest or deemed to have a relevant interest in the shares or units stated in Section 3.

Name
<ul style="list-style-type: none"> └ Morgan Stanley <ul style="list-style-type: none"> └ Morgan Stanley International Holdings Inc. <ul style="list-style-type: none"> └ Morgan Stanley (Australia) Securities Holdings Pty Limited <ul style="list-style-type: none"> └ Morgan Stanley Australia Securities Limited └ Morgan Stanley Capital Management, LLC <ul style="list-style-type: none"> └ Morgan Stanley Domestic Holdings, Inc. <ul style="list-style-type: none"> └ Morgan Stanley Wealth Management Australia Pty Ltd

Signature

print name Tony Chen

capacity Vice President

sign here

Tony Chen

date

Aug 26, 2019

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown."
- (9) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

GUIDE

This guide does not form part of the prescribed form and is included by ASIC to assist you in completing and lodging form 603.

Signature

This form must be signed by either a director or a secretary of the substantial holder.

Nil

Lodging period

Lodging Fee

Nil

Other forms to be completed

Nil

Additional information

- (a) If additional space is required to complete a question, the information may be included on a separate piece of paper annexed to the form.
- (b) This notice must be given to a listed company, or the responsible entity for a listed managed investment scheme. A copy of this notice must also be given to each relevant securities exchange.
- (c) The person must give a copy of this notice:
 - (i) within 2 business days after they become aware of the information; or
 - (ii) by 9.30 am on the next trading day of the relevant securities exchange after they become aware of the information if:
 - (A) a takeover bid is made for voting shares in the company or voting interests in the scheme; and
 - (B) the person becomes aware of the information during the bid period.

Annexures

To make any annexure conform to the regulations, you must

- 1 use A4 size paper of white or light pastel colour with a margin of at least 10mm on all sides
- 2 show the corporation name and ACN or ARBN
- 3 number the pages consecutively
- 4 print or type in BLOCK letters in dark blue or black ink so that the document is clearly legible when photocopied
- 5 identify the annexure with a mark such as A, B, C, etc
- 6 endorse the annexure with the words:
This is annexure (mark) of (number) pages referred to in form (form number and title)
- 7 sign and date the annexure.

The annexure must be signed by the same person(s) who signed the form.

Information in this guide is intended as a guide only. Please consult your accountant or solicitor for further advice.