

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme INDEX LIMITED

ACN/ARSN 008 947 813

1. Details of substantial holder (1)

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

There was a change in the interests of the substantial holder on

July 31, 2019

The previous notice was given to the company on

June 19, 2019

The previous notice was dated

June 14, 2019

The holder became aware on

August 02, 2019

2. Previous and present voting power

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

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary Shares	36,728,535	9.70%	40,830,796	10.78%
		Based on 378,825,085 Ordinary Shares Outstanding		Based on 378,825,085 Ordinary Shares Outstanding

3. Changes in relevant interests

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

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of Securities affected	Person's votes affected
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	600.66	564 Ordinary Shares	564
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	12,814.32	11,976 Ordinary Shares	11,976
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	534.91	493 Ordinary Shares	493
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	870.98	814 Ordinary Shares	814
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	829.98	783 Ordinary Shares	783
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	14,289.11	13,417 Ordinary Shares	13,417
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	956.75	890 Ordinary Shares	890
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	5,121.59	4,809 Ordinary Shares	4,809
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	4,969.08	4,644 Ordinary Shares	4,644
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	1,200.98	1,133 Ordinary Shares	1,133
6/17/2019	Morgan Stanley Australia Securities Limited	Buy	1,209.84	1,136 Ordinary Shares	1,136
6/17/2019	Morgan Stanley Australia Securities Limited	Sell	662.29	643 Ordinary Shares	643
6/17/2019	Morgan Stanley Australia Securities Limited	Sell	133.9	130 Ordinary Shares	130
6/17/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	575.66	538 Ordinary Shares	538
6/17/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	402.78	392 Ordinary Shares	392
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	4,399.71	4,018 Ordinary Shares	4,018
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	294.84	273 Ordinary Shares	273
6/18/2019	Morgan Stanley & Co. International plc	Sell	6.36	6 Ordinary Shares	6
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	1.04	1 Ordinary Shares	1

6/18/2019	Morgan Stanley Australia Securities Limited	Sell	291.03	267 Ordinary Shares	267
6/18/2019	Morgan Stanley Australia Securities Limited	Buy	7,486.95	7,030 Ordinary Shares	7,030
6/18/2019	Morgan Stanley Australia Securities Limited	Buy	2,592.45	2,469 Ordinary Shares	2,469
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	856.26	804 Ordinary Shares	804
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	613.11	573 Ordinary Shares	573
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	349.38	325 Ordinary Shares	325
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	477.42	436 Ordinary Shares	436
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	643.93	599 Ordinary Shares	599
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	5,175.00	5,000 Ordinary Shares	5,000
6/18/2019	Morgan Stanley Australia Securities Limited	Buy	8,867.96	8,366 Ordinary Shares	8,366
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	380.84	351 Ordinary Shares	351
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	19,472.20	17,702 Ordinary Shares	17,702
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	79.57	73 Ordinary Shares	73
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	288.61	266 Ordinary Shares	266
6/18/2019	Morgan Stanley Australia Securities Limited	Buy	12,068.15	11,439 Ordinary Shares	11,439
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	129.47	121 Ordinary Shares	121
6/18/2019	Morgan Stanley Australia Securities Limited	Sell	416.76	385 Ordinary Shares	385
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	12.84	12 Ordinary Shares	12
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	3,609.11	3,373 Ordinary Shares	3,373
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	5,961.18	5,444 Ordinary Shares	5,444
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	600.66	564 Ordinary Shares	564
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	4,256.93	4,035 Ordinary Shares	4,035
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	146.59	137 Ordinary Shares	137
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	534.91	493 Ordinary Shares	493
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	401.96	381 Ordinary Shares	381
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	6,286.60	5,848 Ordinary Shares	5,848
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	1,072.24	1,031 Ordinary Shares	1,031
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	1,025.15	981 Ordinary Shares	981
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	328.95	306 Ordinary Shares	306
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	13.2	12 Ordinary Shares	12
6/19/2019	Morgan Stanley Australia Securities Limited	Sell	958.1	871 Ordinary Shares	871
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	1,768.00	1,700 Ordinary Shares	1,700
6/19/2019	Morgan Stanley & Co. International plc	Sell	6.38	6 Ordinary Shares	6
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	3,370.01	3,106 Ordinary Shares	3,106
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	7,360.53	6,879 Ordinary Shares	6,879
6/19/2019	Morgan Stanley Australia Securities Limited	Buy	3,820.24	3,604 Ordinary Shares	3,604
6/19/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	743.65	695 Ordinary Shares	695
6/19/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	302.46	284 Ordinary Shares	284
6/20/2019	Morgan Stanley Australia Securities Limited	Buy	1,447.71	1,353 Ordinary Shares	1,353
6/20/2019	Morgan Stanley Australia Securities Limited	Buy	1,157.78	1,077 Ordinary Shares	1,077
6/20/2019	Morgan Stanley & Co. International plc	Sell	4.23	4 Ordinary Shares	4
6/20/2019	Morgan Stanley Australia Securities Limited	Buy	285.36	263 Ordinary Shares	263
6/20/2019	Morgan Stanley Australia Securities Limited	Buy	3,069.47	2,829 Ordinary Shares	2,829
6/20/2019	Morgan Stanley Australia Securities Limited	Buy	107.5	100 Ordinary Shares	100
6/20/2019	Morgan Stanley Australia Securities Limited	Buy	1,049.67	981 Ordinary Shares	981
6/21/2019	Morgan Stanley & Co. International plc	Sell	3.27	3 Ordinary Shares	3
6/21/2019	Morgan Stanley Australia Securities Limited	Buy	1,032.00	960 Ordinary Shares	960
6/21/2019	Morgan Stanley Australia Securities Limited	Sell	650.43	594 Ordinary Shares	594
6/21/2019	Morgan Stanley Australia Securities Limited	Buy	29.57	27 Ordinary Shares	27
6/21/2019	Morgan Stanley Australia Securities Limited	Sell	1.07	1 Ordinary Shares	1
6/21/2019	Morgan Stanley Australia Securities Limited	Buy	170.13	159 Ordinary Shares	159

6/21/2019	Morgan Stanley Australia Securities Limited	Buy	3,477.60	3,220 Ordinary Shares	3,220
6/21/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	3718 Ordinary Shares	3718
6/21/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	4474 Ordinary Shares	4474
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	2,831.55	2,634 Ordinary Shares	2,634
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	107.5	100 Ordinary Shares	100
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	285.36	263 Ordinary Shares	263
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	186.62	172 Ordinary Shares	172
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	2,561.76	2,372 Ordinary Shares	2,372
6/24/2019	Morgan Stanley Australia Securities Limited	Buy	2,325.54	2,058 Ordinary Shares	2,058
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	1,558.06	1,436 Ordinary Shares	1,436
6/24/2019	Morgan Stanley & Co. International plc	Sell	4.29	4 Ordinary Shares	4
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	2.18	2 Ordinary Shares	2
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	892.38	834 Ordinary Shares	834
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	397.85	365 Ordinary Shares	365
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	493.56	457 Ordinary Shares	457
6/24/2019	Morgan Stanley Australia Securities Limited	Sell	1,478.52	1,369 Ordinary Shares	1,369
6/24/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	651.24	559 Ordinary Shares	559
6/24/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	3,143.66	2,938 Ordinary Shares	2,938
6/24/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	2,682.49	2,507 Ordinary Shares	2,507
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	930.6	792 Ordinary Shares	792
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	397.51	351 Ordinary Shares	351
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	332.64	297 Ordinary Shares	297
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	266.63	237 Ordinary Shares	237
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	343.91	303 Ordinary Shares	303
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	645.44	575 Ordinary Shares	575
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	1,423.98	1,172 Ordinary Shares	1,172
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	3,864.31	3,317 Ordinary Shares	3,317
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	19.3	17 Ordinary Shares	17
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	385.4	328 Ordinary Shares	328
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	1,065.98	915 Ordinary Shares	915
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	462.51	397 Ordinary Shares	397
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	3,384.85	2,809 Ordinary Shares	2,809
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	1,644.58	1,382 Ordinary Shares	1,382
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	1,253.53	1,102 Ordinary Shares	1,102
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	685.2	571 Ordinary Shares	571
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	283.04	244 Ordinary Shares	244
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	8,377.20	6,981 Ordinary Shares	6,981
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	295.88	263 Ordinary Shares	263
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	88.33	73 Ordinary Shares	73
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	295.2	246 Ordinary Shares	246
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	389.4	330 Ordinary Shares	330
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	2,029.05	1,670 Ordinary Shares	1,670
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	25.96	22 Ordinary Shares	22
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	1,653.12	1,476 Ordinary Shares	1,476
6/25/2019	Morgan Stanley Australia Securities Limited	Sell	1,532.09	1,371 Ordinary Shares	1,371
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	7,865.04	6,527 Ordinary Shares	6,527
6/25/2019	Morgan Stanley Australia Securities Limited	Buy	3,855.06	3,186 Ordinary Shares	3,186
6/25/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	2,346.88	2,093 Ordinary Shares	2,093
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	411.8	355 Ordinary Shares	355
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	24,679.20	20,566 Ordinary Shares	20,566
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	46	40 Ordinary Shares	40

6/26/2019	Morgan Stanley Australia Securities Limited	Sell	109.61	97 Ordinary Shares	97
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	328.28	283 Ordinary Shares	283
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	1,135.76	977 Ordinary Shares	977
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	207.37	178 Ordinary Shares	178
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	238.26	209 Ordinary Shares	209
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	12,459.07	10,426 Ordinary Shares	10,426
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,542.72	2,192 Ordinary Shares	2,192
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	427.05	365 Ordinary Shares	365
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	378.63	325 Ordinary Shares	325
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	756.44	633 Ordinary Shares	633
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	456.23	395 Ordinary Shares	395
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	27.6	23 Ordinary Shares	23
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	730.74	641 Ordinary Shares	641
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	4,860.40	4,190 Ordinary Shares	4,190
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	1,298.98	1,115 Ordinary Shares	1,115
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	858.75	750 Ordinary Shares	750
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	107.65	93 Ordinary Shares	93
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	1,752.66	1,498 Ordinary Shares	1,498
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,467.48	2,155 Ordinary Shares	2,155
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	184.86	158 Ordinary Shares	158
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,680.67	2,301 Ordinary Shares	2,301
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	582.41	501 Ordinary Shares	501
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	408	340 Ordinary Shares	340
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	1,125.75	950 Ordinary Shares	950
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	4,663.30	3,878 Ordinary Shares	3,878
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	78.87	66 Ordinary Shares	66
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	6.03	5 Ordinary Shares	5
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	6,951.98	5,842 Ordinary Shares	5,842
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	1,190,000.00	1,000,000 Ordinary Shares	1,000,000
6/26/2019	Morgan Stanley Australia Securities Limited	Buy	193.2	161 Ordinary Shares	161
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	1,358.36	1,171 Ordinary Shares	1,171
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	1,300.14	1,116 Ordinary Shares	1,116
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	749.1	643 Ordinary Shares	643
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	300.44	259 Ordinary Shares	259
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,581.64	2,216 Ordinary Shares	2,216
6/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,062.48	1,778 Ordinary Shares	1,778
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	2,690.40	2,242 Ordinary Shares	2,242
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	2,306.07	1,898 Ordinary Shares	1,898
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	870.01	722 Ordinary Shares	722
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	263.35	219 Ordinary Shares	219
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	994.74	843 Ordinary Shares	843
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	255.15	210 Ordinary Shares	210
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	85.91	71 Ordinary Shares	71
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	362.09	303 Ordinary Shares	303
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,104.46	934 Ordinary Shares	934
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,303.81	1,082 Ordinary Shares	1,082
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,854.02	1,558 Ordinary Shares	1,558
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	2,218.80	1,849 Ordinary Shares	1,849
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	51.82	43 Ordinary Shares	43
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	34.16	28 Ordinary Shares	28
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	4,576.20	3,945 Ordinary Shares	3,945

6/27/2019	Morgan Stanley Australia Securities Limited	Buy	586.25	490 Ordinary Shares	490
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	4,660.04	3,916 Ordinary Shares	3,916
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	254.54	213 Ordinary Shares	213
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	128.52	108 Ordinary Shares	108
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	36.89	31 Ordinary Shares	31
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	864	720 Ordinary Shares	720
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	951.08	806 Ordinary Shares	806
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	308.48	256 Ordinary Shares	256
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	955.11	806 Ordinary Shares	806
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	953.78	785 Ordinary Shares	785
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	215.06	177 Ordinary Shares	177
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	130.01	107 Ordinary Shares	107
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1.21	1 Ordinary Shares	1
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,028.90	861 Ordinary Shares	861
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	388.8	324 Ordinary Shares	324
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	2.42	2 Ordinary Shares	2
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	18,291.60	15,243 Ordinary Shares	15,243
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	25.96	22 Ordinary Shares	22
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	42.53	35 Ordinary Shares	35
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	615.42	526 Ordinary Shares	526
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	4,970.01	4,159 Ordinary Shares	4,159
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	173.28	145 Ordinary Shares	145
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,464.00	1,220 Ordinary Shares	1,220
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,144.81	958 Ordinary Shares	958
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,464.39	1,228 Ordinary Shares	1,228
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	2,642.40	2,202 Ordinary Shares	2,202
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	258.8	213 Ordinary Shares	213
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	514.4	426 Ordinary Shares	426
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,005.60	838 Ordinary Shares	838
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	327.25	275 Ordinary Shares	275
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	2,663.19	2,286 Ordinary Shares	2,286
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	5,036.02	4,162 Ordinary Shares	4,162
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	2,013.44	1,664 Ordinary Shares	1,664
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	641.06	532 Ordinary Shares	532
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	975.26	806 Ordinary Shares	806
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	318.43	271 Ordinary Shares	271
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	797.71	662 Ordinary Shares	662
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,865.34	1,548 Ordinary Shares	1,548
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	38.88	32 Ordinary Shares	32
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,904.00	1,600 Ordinary Shares	1,600
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,589.09	1,341 Ordinary Shares	1,341
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,025.78	862 Ordinary Shares	862
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	4,998.33	4,218 Ordinary Shares	4,218
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,102.99	923 Ordinary Shares	923
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	623.61	533 Ordinary Shares	533
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	7,731.28	6,416 Ordinary Shares	6,416
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	2,382.29	1,977 Ordinary Shares	1,977
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	413.47	346 Ordinary Shares	346
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,457.75	1,225 Ordinary Shares	1,225
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,316.12	1,081 Ordinary Shares	1,081
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	408.28	346 Ordinary Shares	346

6/27/2019	Morgan Stanley Australia Securities Limited	Sell	3,685.66	3,046 Ordinary Shares	3,046
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	84.35	70 Ordinary Shares	70
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	4,588.64	3,808 Ordinary Shares	3,808
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,503.32	1,274 Ordinary Shares	1,274
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	662.75	550 Ordinary Shares	550
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	53.1	45 Ordinary Shares	45
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	245.96	208 Ordinary Shares	208
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	412.38	348 Ordinary Shares	348
6/27/2019	Morgan Stanley & Co. International plc	Buy	852.00	711 Ordinary Shares	711
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,161.60	968 Ordinary Shares	968
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	153.51	129 Ordinary Shares	129
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	517.59	426 Ordinary Shares	426
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,527.58	1,247 Ordinary Shares	1,247
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	970.7	814 Ordinary Shares	814
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	477.56	403 Ordinary Shares	403
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	256.06	217 Ordinary Shares	217
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	988.8	824 Ordinary Shares	824
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	484.79	399 Ordinary Shares	399
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,058.75	875 Ordinary Shares	875
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	509.41	421 Ordinary Shares	421
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,077.48	917 Ordinary Shares	917
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	469.48	388 Ordinary Shares	388
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	270.39	223 Ordinary Shares	223
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,944.87	1,614 Ordinary Shares	1,614
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	761.56	632 Ordinary Shares	632
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	1,438.56	1,184 Ordinary Shares	1,184
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	752.08	632 Ordinary Shares	632
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	430.76	356 Ordinary Shares	356
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	265.75	221 Ordinary Shares	221
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	4,348.85	3,609 Ordinary Shares	3,609
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	928.42	761 Ordinary Shares	761
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	85.38	71 Ordinary Shares	71
6/27/2019	Morgan Stanley Australia Securities Limited	Sell	155.35	130 Ordinary Shares	130
6/27/2019	Morgan Stanley Australia Securities Limited	Buy	1,178.55	970 Ordinary Shares	970
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	346.08	289 Ordinary Shares	289
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	5,664.40	4,760 Ordinary Shares	4,760
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	1,353.60	1,128 Ordinary Shares	1,128
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	1,763.82	1,476 Ordinary Shares	1,476
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,998.00	1,665 Ordinary Shares	1,665
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	36.68	30 Ordinary Shares	30
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	582.92	451 Ordinary Shares	451
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	4,367.72	3,399 Ordinary Shares	3,399
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	349.45	290 Ordinary Shares	290
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	117.12	96 Ordinary Shares	96
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	69.93	54 Ordinary Shares	54
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,160.22	951 Ordinary Shares	951
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,396.50	1,140 Ordinary Shares	1,140
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	294.4	230 Ordinary Shares	230
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	998.95	829 Ordinary Shares	829
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,275.91	991 Ordinary Shares	991
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	4,259.78	3,315 Ordinary Shares	3,315

6/28/2019	Morgan Stanley Australia Securities Limited	Buy	303.95	237 Ordinary Shares	237
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	714.92	586 Ordinary Shares	586
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	111.6	93 Ordinary Shares	93
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	46.62	36 Ordinary Shares	36
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	14.97	12 Ordinary Shares	12
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3,206.75	2,525 Ordinary Shares	2,525
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	20.76	16 Ordinary Shares	16
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	41.75	33 Ordinary Shares	33
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	6,769.20	5,641 Ordinary Shares	5,641
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	20.4	16 Ordinary Shares	16
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	525.8	440 Ordinary Shares	440
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	4,646.95	3,905 Ordinary Shares	3,905
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	1,480.07	1,249 Ordinary Shares	1,249
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	4,452.00	3,710 Ordinary Shares	3,710
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	1,499.73	1,255 Ordinary Shares	1,255
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	543.78	456 Ordinary Shares	456
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	27.6	23 Ordinary Shares	23
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	425.72	357 Ordinary Shares	357
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3,846.25	3,077 Ordinary Shares	3,077
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	372.96	288 Ordinary Shares	288
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	1,363.20	1,136 Ordinary Shares	1,136
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	9.96	8 Ordinary Shares	8
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	2,029.06	1,604 Ordinary Shares	1,604
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	96.38	75 Ordinary Shares	75
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,379.10	1,067 Ordinary Shares	1,067
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	6,252.26	4,791 Ordinary Shares	4,791
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,971.18	1,543 Ordinary Shares	1,543
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	2,617.60	2,045 Ordinary Shares	2,045
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	4,984.80	4,154 Ordinary Shares	4,154
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,428.62	1,171 Ordinary Shares	1,171
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	80.01	63 Ordinary Shares	63
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3,308.85	2,580 Ordinary Shares	2,580
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	4,981.43	3,907 Ordinary Shares	3,907
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	275.28	222 Ordinary Shares	222
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	2,682.54	2,129 Ordinary Shares	2,129
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	8,700.60	6,824 Ordinary Shares	6,824
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	2,160.75	1,675 Ordinary Shares	1,675
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3.83	3 Ordinary Shares	3
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	1,892.74	1,574 Ordinary Shares	1,574
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	415.73	345 Ordinary Shares	345
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	9,684.00	8,070 Ordinary Shares	8,070
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	756.44	633 Ordinary Shares	633
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	717.57	603 Ordinary Shares	603
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	2,250.38	1,765 Ordinary Shares	1,765
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	11.34	9 Ordinary Shares	9
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	103.6	80 Ordinary Shares	80
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	544.92	456 Ordinary Shares	456
6/28/2019	Morgan Stanley Australia Securities Limited	Sell	5,388.00	4,490 Ordinary Shares	4,490
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	365.05	298 Ordinary Shares	298
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3,096.66	2,424 Ordinary Shares	2,424
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	4,158.96	3,224 Ordinary Shares	3,224

6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,823.96	1,395 Ordinary Shares	1,395
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	6,117.40	4,733 Ordinary Shares	4,733
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3,653.12	2,854 Ordinary Shares	2,854
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	155.58	127 Ordinary Shares	127
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	235.16	183 Ordinary Shares	183
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	1,912.52	1,474 Ordinary Shares	1,474
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	9,049.81	7,154 Ordinary Shares	7,154
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	3,595.37	2,831 Ordinary Shares	2,831
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	21,177.60	16,545 Ordinary Shares	16,545
6/28/2019	Morgan Stanley Australia Securities Limited	Buy	16,286.72	12,724 Ordinary Shares	12,724
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	318.92	268 Ordinary Shares	268
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	160.65	135 Ordinary Shares	135
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	292.64	248 Ordinary Shares	248
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	38.88	32 Ordinary Shares	32
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	1,140.02	958 Ordinary Shares	958
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	34.16	28 Ordinary Shares	28
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	136.64	112 Ordinary Shares	112
7/1/2019	Morgan Stanley & Co. International plc	Sell	265.75	221 Ordinary Shares	221
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,032.41	805 Ordinary Shares	805
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	782.76	593 Ordinary Shares	593
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,742.81	2,118 Ordinary Shares	2,118
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	164.15	134 Ordinary Shares	134
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,238.90	953 Ordinary Shares	953
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,362.50	1,090 Ordinary Shares	1,090
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	6,058.01	4,678 Ordinary Shares	4,678
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	722.88	576 Ordinary Shares	576
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	852	711 Ordinary Shares	711
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	674.33	555 Ordinary Shares	555
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	838.8	699 Ordinary Shares	699
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	1,097.88	913 Ordinary Shares	913
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	1,606.86	1,356 Ordinary Shares	1,356
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	1,296.86	1,063 Ordinary Shares	1,063
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	289.79	239 Ordinary Shares	239
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	8.44	7 Ordinary Shares	7
7/1/2019	Morgan Stanley & Co. International plc	Sell	586.25	490 Ordinary Shares	490
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,238.25	975 Ordinary Shares	975
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,178.98	1,709 Ordinary Shares	1,709
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,057.90	1,583 Ordinary Shares	1,583
7/1/2019	Morgan Stanley & Co. International plc	Buy	530.5	414 Ordinary Shares	414
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1.27	1 Ordinary Shares	1
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	4,711.27	3,754 Ordinary Shares	3,754
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	676.7	536 Ordinary Shares	536
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	892.08	708 Ordinary Shares	708
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	4,078.03	3,329 Ordinary Shares	3,329
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	536.55	438 Ordinary Shares	438
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	392.83	326 Ordinary Shares	326
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,197.12	928 Ordinary Shares	928
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	612.4	487 Ordinary Shares	487
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	487.87	371 Ordinary Shares	371
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	660.13	526 Ordinary Shares	526
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,532.16	1,197 Ordinary Shares	1,197

7/1/2019	Morgan Stanley Australia Securities Limited	Buy	3,634.80	2,796 Ordinary Shares	2,796
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	525.85	419 Ordinary Shares	419
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,527.53	1,948 Ordinary Shares	1,948
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,894.75	1,489 Ordinary Shares	1,489
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	7,119.62	5,606 Ordinary Shares	5,606
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	400.35	314 Ordinary Shares	314
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	282.31	218 Ordinary Shares	218
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,915.94	1,491 Ordinary Shares	1,491
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,050.56	1,602 Ordinary Shares	1,602
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	808.35	634 Ordinary Shares	634
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,056.68	1,576 Ordinary Shares	1,576
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	870.66	691 Ordinary Shares	691
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	254.54	213 Ordinary Shares	213
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	331.02	277 Ordinary Shares	277
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	43.38	36 Ordinary Shares	36
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	3,054.98	2,415 Ordinary Shares	2,415
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	27.2	21 Ordinary Shares	21
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,594.15	1,231 Ordinary Shares	1,231
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,618.74	2,062 Ordinary Shares	2,062
7/1/2019	Morgan Stanley Australia Securities Limited	Sell	234.5	193 Ordinary Shares	193
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	124.32	96 Ordinary Shares	96
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	2,739.96	2,124 Ordinary Shares	2,124
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	493.12	386 Ordinary Shares	386
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,722.50	1,378 Ordinary Shares	1,378
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	184.71	141 Ordinary Shares	141
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	480.81	372 Ordinary Shares	372
7/1/2019	Morgan Stanley & Co. International plc	Buy	689.99	540 Ordinary Shares	540
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	3,609.38	2,876 Ordinary Shares	2,876
7/1/2019	Morgan Stanley Australia Securities Limited	Buy	1,433.88	1,138 Ordinary Shares	1,138
7/1/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	7,406.62	6,211 Ordinary Shares	6,211
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,482.89	1,154 Ordinary Shares	1,154
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	2,223.36	1,737 Ordinary Shares	1,737
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	273.92	214 Ordinary Shares	214
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	165.6	138 Ordinary Shares	138
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	69.44	56 Ordinary Shares	56
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	832.75	657 Ordinary Shares	657
7/2/2019	Morgan Stanley & Co. International plc	Buy	354.11	285 Ordinary Shares	285
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	2,270.78	1,781 Ordinary Shares	1,781
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	117.12	96 Ordinary Shares	96
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	400.06	332 Ordinary Shares	332
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	155.58	127 Ordinary Shares	127
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	170.61	132 Ordinary Shares	132
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	132	110 Ordinary Shares	110
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	563.34	458 Ordinary Shares	458
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	81.92	64 Ordinary Shares	64
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	70.51	59 Ordinary Shares	59
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	2,909.44	2,273 Ordinary Shares	2,273
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	662.64	528 Ordinary Shares	528
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,866.00	1,555 Ordinary Shares	1,555
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	24.23	19 Ordinary Shares	19
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	4,476.84	3,539 Ordinary Shares	3,539

7/2/2019	Morgan Stanley Australia Securities Limited	Sell	2,408.28	1,974 Ordinary Shares	1,974
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,721.30	1,319 Ordinary Shares	1,319
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	963.29	763 Ordinary Shares	763
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	266.59	212 Ordinary Shares	212
7/2/2019	Morgan Stanley & Co. International plc	Buy	3,338.89	2,659 Ordinary Shares	2,659
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,007.46	772 Ordinary Shares	772
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	326.39	254 Ordinary Shares	254
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	153	120 Ordinary Shares	120
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	522.5	418 Ordinary Shares	418
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	414.96	336 Ordinary Shares	336
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	850.08	672 Ordinary Shares	672
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	657.5	526 Ordinary Shares	526
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	2,020.55	1,610 Ordinary Shares	1,610
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	496.47	402 Ordinary Shares	402
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	2,912.06	2,325 Ordinary Shares	2,325
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	413.34	332 Ordinary Shares	332
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	1,502.50	1,202 Ordinary Shares	1,202
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	1,213.38	963 Ordinary Shares	963
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	89.36	69 Ordinary Shares	69
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	298.75	250 Ordinary Shares	250
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	365.93	287 Ordinary Shares	287
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	9,693.75	7,500 Ordinary Shares	7,500
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	771.26	591 Ordinary Shares	591
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	465.69	361 Ordinary Shares	361
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	96.38	75 Ordinary Shares	75
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	859.88	664 Ordinary Shares	664
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	5,244.80	4,019 Ordinary Shares	4,019
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	69.93	54 Ordinary Shares	54
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	5.02	4 Ordinary Shares	4
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	2.56	2 Ordinary Shares	2
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,192.23	926 Ordinary Shares	926
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	112.24	92 Ordinary Shares	92
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	585.34	473 Ordinary Shares	473
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	814.07	641 Ordinary Shares	641
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	2,221.80	1,781 Ordinary Shares	1,781
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	3,138.66	2,491 Ordinary Shares	2,491
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	1,436.98	1,145 Ordinary Shares	1,145
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	2,217.69	1,803 Ordinary Shares	1,803
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	465.94	375 Ordinary Shares	375
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	136.4	110 Ordinary Shares	110
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	381.45	307 Ordinary Shares	307
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	5,495.68	4,432 Ordinary Shares	4,432
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	2,871.38	2,325 Ordinary Shares	2,325
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	134.19	108 Ordinary Shares	108
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	70	56 Ordinary Shares	56
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	354.11	285 Ordinary Shares	285
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,342.17	1,061 Ordinary Shares	1,061
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	587.52	459 Ordinary Shares	459
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	306	240 Ordinary Shares	240
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	474.21	396 Ordinary Shares	396
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	728.19	558 Ordinary Shares	558

7/2/2019	Morgan Stanley Australia Securities Limited	Sell	285.48	234 Ordinary Shares	234
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	1,026.84	796 Ordinary Shares	796
7/2/2019	Morgan Stanley Australia Securities Limited	Sell	616.96	482 Ordinary Shares	482
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	90	72 Ordinary Shares	72
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	1,166.96	928 Ordinary Shares	928
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	1,092.50	874 Ordinary Shares	874
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	3,085.91	2,454 Ordinary Shares	2,454
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	104.17	83 Ordinary Shares	83
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	1,887.08	1,528 Ordinary Shares	1,528
7/2/2019	Morgan Stanley Australia Securities Limited	Buy	3,643.27	2,903 Ordinary Shares	2,903
7/2/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	435.58	350 Ordinary Shares	350
7/2/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	954.53	767 Ordinary Shares	767
7/2/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	1,592.96	1,280 Ordinary Shares	1,280
7/2/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	657.1	528 Ordinary Shares	528
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	597.76	467 Ordinary Shares	467
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	4,017.26	3,201 Ordinary Shares	3,201
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	1,526.07	1,204 Ordinary Shares	1,204
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	1,073.99	844 Ordinary Shares	844
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	556.92	442 Ordinary Shares	442
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	617.22	486 Ordinary Shares	486
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	2,247.83	1,763 Ordinary Shares	1,763
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	37.12	29 Ordinary Shares	29
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	374.44	296 Ordinary Shares	296
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	722.88	576 Ordinary Shares	576
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	5,833.11	4,593 Ordinary Shares	4,593
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	3,178.75	2,543 Ordinary Shares	2,543
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	298.35	234 Ordinary Shares	234
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	2,433.06	1,931 Ordinary Shares	1,931
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	1,251.24	997 Ordinary Shares	997
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	217.55	173 Ordinary Shares	173
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	232.51	182 Ordinary Shares	182
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	443.75	355 Ordinary Shares	355
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	4,722.25	3,733 Ordinary Shares	3,733
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	489.56	387 Ordinary Shares	387
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	1,738.11	1,374 Ordinary Shares	1,374
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	393.53	297 Ordinary Shares	297
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	212.93	170 Ordinary Shares	170
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	834.63	647 Ordinary Shares	647
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	340.88	270 Ordinary Shares	270
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	32.63	26 Ordinary Shares	26
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	1,708.11	1,319 Ordinary Shares	1,319
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	390.72	296 Ordinary Shares	296
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	545.22	431 Ordinary Shares	431
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	2,026.92	1,596 Ordinary Shares	1,596
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	604.5	465 Ordinary Shares	465
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	39.37	31 Ordinary Shares	31
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	433.83	335 Ordinary Shares	335
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	6,127.09	4,815 Ordinary Shares	4,815
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	2,977.81	2,354 Ordinary Shares	2,354
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	796.32	632 Ordinary Shares	632
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	725.58	577 Ordinary Shares	577

7/3/2019	Morgan Stanley Australia Securities Limited	Sell	602.14	476 Ordinary Shares	476
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	452.5	362 Ordinary Shares	362
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	550	440 Ordinary Shares	440
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	125.24	99 Ordinary Shares	99
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	1,156.43	907 Ordinary Shares	907
7/3/2019	Morgan Stanley Australia Securities Limited	Sell	235.24	182 Ordinary Shares	182
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	9,871.71	7,773 Ordinary Shares	7,773
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	4,022.63	3,155 Ordinary Shares	3,155
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	2,621.08	2,072 Ordinary Shares	2,072
7/3/2019	Morgan Stanley Australia Securities Limited	Buy	326.39	257 Ordinary Shares	257
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	314.96	254 Ordinary Shares	254
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	1,285.64	1,041 Ordinary Shares	1,041
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	611.25	489 Ordinary Shares	489
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	312.5	251 Ordinary Shares	251
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	850.34	683 Ordinary Shares	683
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	4,072.16	3,284 Ordinary Shares	3,284
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	327.36	264 Ordinary Shares	264
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	64.22	52 Ordinary Shares	52
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	354.45	287 Ordinary Shares	287
7/4/2019	Morgan Stanley & Co. International plc	Buy	546.67	440 Ordinary Shares	440
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	573.54	457 Ordinary Shares	457
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	822.78	653 Ordinary Shares	653
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	2.53	2 Ordinary Shares	2
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	445	356 Ordinary Shares	356
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	368.03	298 Ordinary Shares	298
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	290.09	233 Ordinary Shares	233
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	619.97	502 Ordinary Shares	502
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	1,257.36	1,014 Ordinary Shares	1,014
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	362.3	291 Ordinary Shares	291
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	158.13	126 Ordinary Shares	126
7/4/2019	Morgan Stanley & Co. International plc	Sell	1.25	1 Ordinary Shares	1
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	2,925.45	2,364 Ordinary Shares	2,364
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	354.11	285 Ordinary Shares	285
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	769.41	618 Ordinary Shares	618
7/4/2019	Morgan Stanley & Co. International plc	Sell	354.11	285 Ordinary Shares	285
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	1,883.76	1,501 Ordinary Shares	1,501
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	2,275.02	1,831 Ordinary Shares	1,831
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	4,801.28	3,872 Ordinary Shares	3,872
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	26,391.51	21,198 Ordinary Shares	21,198
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	3,726.20	3,005 Ordinary Shares	3,005
7/4/2019	Morgan Stanley & Co. International plc	Buy	630.19	508 Ordinary Shares	508
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	573.3	455 Ordinary Shares	455
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	38.75	31 Ordinary Shares	31
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	1,425.53	1,145 Ordinary Shares	1,145
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	69.44	56 Ordinary Shares	56
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	134.19	108 Ordinary Shares	108
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	962.5	770 Ordinary Shares	770
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	7.44	6 Ordinary Shares	6
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	615	492 Ordinary Shares	492
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	104.17	83 Ordinary Shares	83
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	483.75	387 Ordinary Shares	387

7/4/2019	Morgan Stanley Australia Securities Limited	Sell	414.96	336 Ordinary Shares	336
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	502.2	405 Ordinary Shares	405
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	2,752.64	2,176 Ordinary Shares	2,176
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	790.03	641 Ordinary Shares	641
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	480	384 Ordinary Shares	384
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	456.92	367 Ordinary Shares	367
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	502.5	402 Ordinary Shares	402
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	432.76	349 Ordinary Shares	349
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	507.16	409 Ordinary Shares	409
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	463.76	374 Ordinary Shares	374
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	2,272.81	1,811 Ordinary Shares	1,811
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	34.86	28 Ordinary Shares	28
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	1,328.04	1,054 Ordinary Shares	1,054
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	455	364 Ordinary Shares	364
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	266.59	212 Ordinary Shares	212
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	401.33	323 Ordinary Shares	323
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	570.21	458 Ordinary Shares	458
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	598.57	476 Ordinary Shares	476
7/4/2019	Morgan Stanley Australia Securities Limited	Sell	1,266.30	1,009 Ordinary Shares	1,009
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	463.76	374 Ordinary Shares	374
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	19.84	16 Ordinary Shares	16
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	3,677.50	2,942 Ordinary Shares	2,942
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	1,424.28	1,144 Ordinary Shares	1,144
7/4/2019	Morgan Stanley Australia Securities Limited	Buy	4,129.23	3,310 Ordinary Shares	3,310
7/4/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	214.52	173 Ordinary Shares	173
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	799.48	632 Ordinary Shares	632
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	6,056.16	4,884 Ordinary Shares	4,884
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	4,736.41	3,812 Ordinary Shares	3,812
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	165.25	133 Ordinary Shares	133
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	5,730.04	4,621 Ordinary Shares	4,621
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	7,576.09	5,989 Ordinary Shares	5,989
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	298.35	234 Ordinary Shares	234
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	807.4	637 Ordinary Shares	637
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	1,294.13	1,019 Ordinary Shares	1,019
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	77.47	61 Ordinary Shares	61
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	811.74	652 Ordinary Shares	652
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	9,116.32	7,264 Ordinary Shares	7,264
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	1,368.38	1,108 Ordinary Shares	1,108
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	2,323.17	1,866 Ordinary Shares	1,866
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	670.45	530 Ordinary Shares	530
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	330.51	266 Ordinary Shares	266
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	250.75	201 Ordinary Shares	201
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	291.4	235 Ordinary Shares	235
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	2,328.45	1,874 Ordinary Shares	1,874
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	35.96	29 Ordinary Shares	29
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	4,184.45	3,361 Ordinary Shares	3,361
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	1,568.60	1,240 Ordinary Shares	1,240
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	326.39	257 Ordinary Shares	257
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	6,407.15	5,045 Ordinary Shares	5,045
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	306.27	246 Ordinary Shares	246
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	1,857.54	1,495 Ordinary Shares	1,495

7/5/2019	Morgan Stanley Australia Securities Limited	Buy	223.2	180 Ordinary Shares	180
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	4,145.28	3,264 Ordinary Shares	3,264
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	365.21	291 Ordinary Shares	291
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	957.97	771 Ordinary Shares	771
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	406.25	325 Ordinary Shares	325
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	9,679.44	7,806 Ordinary Shares	7,806
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	72.36	58 Ordinary Shares	58
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	2,502.49	2,006 Ordinary Shares	2,006
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	831.85	655 Ordinary Shares	655
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	452.5	362 Ordinary Shares	362
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	798.15	626 Ordinary Shares	626
7/5/2019	Morgan Stanley Australia Securities Limited	Sell	764.06	604 Ordinary Shares	604
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	5,862.72	4,728 Ordinary Shares	4,728
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	3,252.50	2,602 Ordinary Shares	2,602
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	347.36	279 Ordinary Shares	279
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	1,347.39	1,091 Ordinary Shares	1,091
7/5/2019	Morgan Stanley Australia Securities Limited	Buy	3,252.23	2,607 Ordinary Shares	2,607
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	227.7	184 Ordinary Shares	184
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	7,627.24	6,151 Ordinary Shares	6,151
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,647.96	1,329 Ordinary Shares	1,329
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	456.84	376 Ordinary Shares	376
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	26,744.40	22,287 Ordinary Shares	22,287
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	841.08	688 Ordinary Shares	688
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,416.10	1,190 Ordinary Shares	1,190
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,200,000.00	1,000,000 Ordinary Shares	1,000,000
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,708.69	1,418 Ordinary Shares	1,418
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	471.24	396 Ordinary Shares	396
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,004.06	823 Ordinary Shares	823
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	4,230.00	3,525 Ordinary Shares	3,525
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	393.6	328 Ordinary Shares	328
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	480	384 Ordinary Shares	384
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	483.6	390 Ordinary Shares	390
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	101.27	82 Ordinary Shares	82
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	850.34	683 Ordinary Shares	683
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	545	436 Ordinary Shares	436
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	1,688.22	1,356 Ordinary Shares	1,356
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	4,691.75	3,830 Ordinary Shares	3,830
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	3,183.48	2,664 Ordinary Shares	2,664
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	9,992.40	8,327 Ordinary Shares	8,327
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	2,469.84	2,008 Ordinary Shares	2,008
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	5,570.52	4,566 Ordinary Shares	4,566
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	585.58	489 Ordinary Shares	489
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	438.62	364 Ordinary Shares	364
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	10,890.00	9,075 Ordinary Shares	9,075
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	378	315 Ordinary Shares	315
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,642.55	1,330 Ordinary Shares	1,330
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	297.6	248 Ordinary Shares	248
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	41.65	35 Ordinary Shares	35
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	49.41	41 Ordinary Shares	41
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	16,177.13	13,425 Ordinary Shares	13,425
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,540.71	1,292 Ordinary Shares	1,292

7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,615.78	1,319 Ordinary Shares	1,319
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	6,840.12	5,748 Ordinary Shares	5,748
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	10,448.40	8,707 Ordinary Shares	8,707
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	558.83	459 Ordinary Shares	459
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	290.36	244 Ordinary Shares	244
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	854.43	715 Ordinary Shares	715
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	115.43	97 Ordinary Shares	97
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,429.84	1,172 Ordinary Shares	1,172
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	517.59	426 Ordinary Shares	426
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	1,359.74	1,101 Ordinary Shares	1,101
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	7,194.02	5,921 Ordinary Shares	5,921
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	2,320.69	1,942 Ordinary Shares	1,942
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	82.11	69 Ordinary Shares	69
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	293.93	247 Ordinary Shares	247
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	709.48	590 Ordinary Shares	590
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	3,003.28	2,422 Ordinary Shares	2,422
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	37.2	30 Ordinary Shares	30
7/8/2019	Morgan Stanley Australia Securities Limited	Sell	1,026.29	831 Ordinary Shares	831
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	6,656.86	5,594 Ordinary Shares	5,594
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	3,672.84	3,048 Ordinary Shares	3,048
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	7,221.01	6,005 Ordinary Shares	6,005
7/8/2019	Morgan Stanley Australia Securities Limited	Buy	2,484.41	2,079 Ordinary Shares	2,079
7/8/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	2521 Ordinary Shares	2521
7/8/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	2,513.14	2,030 Ordinary Shares	2,030
7/9/2019	Morgan Stanley Australia Securities Limited	Sell	4,549.56	3,669 Ordinary Shares	3,669
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	2,750.09	2,311 Ordinary Shares	2,311
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	138	115 Ordinary Shares	115
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	2,272.89	1,902 Ordinary Shares	1,902
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	305.36	255 Ordinary Shares	255
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	454.1	380 Ordinary Shares	380
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	892.14	745 Ordinary Shares	745
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	2,489.19	2,083 Ordinary Shares	2,083
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	11,693.08	9,785 Ordinary Shares	9,785
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	441.49	371 Ordinary Shares	371
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	1,290.60	1,080 Ordinary Shares	1,080
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	314.4	262 Ordinary Shares	262
7/9/2019	Morgan Stanley Australia Securities Limited	Sell	1,798.00	1,450 Ordinary Shares	1,450
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	1,784.40	1,487 Ordinary Shares	1,487
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	59.63	50 Ordinary Shares	50
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	3,278.45	2,755 Ordinary Shares	2,755
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	344.88	288 Ordinary Shares	288
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	585.6	488 Ordinary Shares	488
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	7,018.80	5,849 Ordinary Shares	5,849
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	1,220.10	1,021 Ordinary Shares	1,021
7/9/2019	Morgan Stanley Australia Securities Limited	Buy	4,204.27	3,533 Ordinary Shares	3,533
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	1,312.80	1,094 Ordinary Shares	1,094
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	744	600 Ordinary Shares	600
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	6,034.05	5,060 Ordinary Shares	5,060
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	471.24	396 Ordinary Shares	396
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	88.8	74 Ordinary Shares	74
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	1,537.38	1,314 Ordinary Shares	1,314

7/10/2019	Morgan Stanley Australia Securities Limited	Buy	2,349.38	1,991 Ordinary Shares	1,991
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	904.41	773 Ordinary Shares	773
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	457.2	381 Ordinary Shares	381
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	388.38	325 Ordinary Shares	325
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	1,457.55	1,230 Ordinary Shares	1,230
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	8,504.93	7,147 Ordinary Shares	7,147
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	9,476.40	7,897 Ordinary Shares	7,897
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	1,102.80	919 Ordinary Shares	919
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	368.06	308 Ordinary Shares	308
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	5,575.15	4,685 Ordinary Shares	4,685
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	1,255.52	1,064 Ordinary Shares	1,064
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	2,641.37	2,229 Ordinary Shares	2,229
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	48.79	41 Ordinary Shares	41
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	333.2	280 Ordinary Shares	280
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	14,319.90	12,137 Ordinary Shares	12,137
7/10/2019	Morgan Stanley Australia Securities Limited	Buy	4.68	4 Ordinary Shares	4
7/10/2019	Morgan Stanley Australia Securities Limited	Sell	255.15	210 Ordinary Shares	210
7/11/2019	Morgan Stanley Australia Securities Limited	Buy	1,317.69	1,089 Ordinary Shares	1,089
7/11/2019	Morgan Stanley Australia Securities Limited	Buy	388.01	322 Ordinary Shares	322
7/11/2019	Morgan Stanley Australia Securities Limited	Sell	715.81	599 Ordinary Shares	599
7/11/2019	Morgan Stanley Australia Securities Limited	Sell	172.55	145 Ordinary Shares	145
7/11/2019	Morgan Stanley Australia Securities Limited	Buy	317.68	262 Ordinary Shares	262
7/11/2019	Morgan Stanley Australia Securities Limited	Sell	46.41	39 Ordinary Shares	39
7/11/2019	Morgan Stanley Australia Securities Limited	Sell	441.49	371 Ordinary Shares	371
7/11/2019	Morgan Stanley Australia Securities Limited	Sell	138	115 Ordinary Shares	115
7/11/2019	Morgan Stanley Australia Securities Limited	Buy	724.8	604 Ordinary Shares	604
7/11/2019	Morgan Stanley Australia Securities Limited	Buy	597.78	492 Ordinary Shares	492
7/11/2019	Morgan Stanley Australia Securities Limited	Sell	320.4	267 Ordinary Shares	267
7/11/2019	Morgan Stanley Australia Securities Limited	Buy	24	20 Ordinary Shares	20
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	724.71	609 Ordinary Shares	609
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	271.04	224 Ordinary Shares	224
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	386.4	322 Ordinary Shares	322
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	848.87	703 Ordinary Shares	703
7/12/2019	Morgan Stanley Australia Securities Limited	Sell	552.16	464 Ordinary Shares	464
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	264	220 Ordinary Shares	220
7/12/2019	Morgan Stanley Australia Securities Limited	Sell	562.87	473 Ordinary Shares	473
7/12/2019	Morgan Stanley Australia Securities Limited	Sell	1,438.59	1,214 Ordinary Shares	1,214
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	333.41	279 Ordinary Shares	279
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	1,522.80	1,269 Ordinary Shares	1,269
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	455.49	378 Ordinary Shares	378
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	53.24	44 Ordinary Shares	44
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	434.88	355 Ordinary Shares	355
7/12/2019	Morgan Stanley Australia Securities Limited	Sell	1,428.03	1,195 Ordinary Shares	1,195
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	800.87	666 Ordinary Shares	666
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	6.15	5 Ordinary Shares	5
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	373.01	307 Ordinary Shares	307
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	626.6	520 Ordinary Shares	520
7/12/2019	Morgan Stanley Australia Securities Limited	Buy	364.8	304 Ordinary Shares	304
7/12/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	2343 Ordinary Shares	2343
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	1,610.86	1,348 Ordinary Shares	1,348
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	1.22	1 Ordinary Shares	1

7/15/2019	Morgan Stanley Australia Securities Limited	Sell	25.2	21 Ordinary Shares	21
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	4.74	4 Ordinary Shares	4
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	11.95	10 Ordinary Shares	10
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	7.11	6 Ordinary Shares	6
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	29.16	24 Ordinary Shares	24
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	1.19	1 Ordinary Shares	1
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	43.85	37 Ordinary Shares	37
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	5.98	5 Ordinary Shares	5
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	439.2	366 Ordinary Shares	366
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	103.28	85 Ordinary Shares	85
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	20.15	17 Ordinary Shares	17
7/15/2019	Morgan Stanley Australia Securities Limited	Buy	53.24	44 Ordinary Shares	44
7/16/2019	Morgan Stanley Australia Securities Limited	Sell	1,116.84	908 Ordinary Shares	908
7/16/2019	Morgan Stanley Australia Securities Limited	Sell	6.15	5 Ordinary Shares	5
7/16/2019	Morgan Stanley Australia Securities Limited	Buy	8,433.12	7,057 Ordinary Shares	7,057
7/16/2019	Morgan Stanley Australia Securities Limited	Sell	1,465.31	1,211 Ordinary Shares	1,211
7/16/2019	Morgan Stanley Australia Securities Limited	Buy	1,417.26	1,196 Ordinary Shares	1,196
7/16/2019	Morgan Stanley Australia Securities Limited	Sell	502.15	415 Ordinary Shares	415
7/16/2019	Morgan Stanley Australia Securities Limited	Buy	266.49	223 Ordinary Shares	223
7/16/2019	Morgan Stanley Australia Securities Limited	Sell	1,329.79	1,099 Ordinary Shares	1,099
7/16/2019	Morgan Stanley Australia Securities Limited	Sell	146.37	119 Ordinary Shares	119
7/16/2019	Morgan Stanley Australia Securities Limited	Buy	329.63	277 Ordinary Shares	277
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	255.73	214 Ordinary Shares	214
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	14.55	12 Ordinary Shares	12
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	2,847.96	2,344 Ordinary Shares	2,344
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	512.89	431 Ordinary Shares	431
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	308.96	258 Ordinary Shares	258
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	1.22	1 Ordinary Shares	1
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	2,043.60	1,703 Ordinary Shares	1,703
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	4,079.73	3,414 Ordinary Shares	3,414
7/17/2019	Morgan Stanley Australia Securities Limited	Buy	1,428.98	1,211 Ordinary Shares	1,211
7/17/2019	Morgan Stanley Australia Securities Limited	Buy	357.54	303 Ordinary Shares	303
7/17/2019	Morgan Stanley Australia Securities Limited	Buy	287.92	244 Ordinary Shares	244
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	48.59	41 Ordinary Shares	41
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	1,913.54	1,588 Ordinary Shares	1,588
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	53.24	44 Ordinary Shares	44
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	332.75	275 Ordinary Shares	275
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	367.2	306 Ordinary Shares	306
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	1.22	1 Ordinary Shares	1
7/17/2019	Morgan Stanley Australia Securities Limited	Sell	6.01	5 Ordinary Shares	5
7/17/2019	Morgan Stanley Australia Securities Limited	Borrow Returned	N/A	210 Ordinary Shares	210
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	804.44	676 Ordinary Shares	676
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	5,794.11	4,869 Ordinary Shares	4,869
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	1,704.06	1,435 Ordinary Shares	1,435
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	562.85	471 Ordinary Shares	471
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	671.16	564 Ordinary Shares	564
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	4,693.96	3,928 Ordinary Shares	3,928
7/18/2019	Morgan Stanley Australia Securities Limited	Buy	44.96	37 Ordinary Shares	37
7/18/2019	Morgan Stanley Australia Securities Limited	Buy	1,430.34	1,187 Ordinary Shares	1,187
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	448.13	375 Ordinary Shares	375
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	39.44	33 Ordinary Shares	33

7/18/2019	Morgan Stanley Australia Securities Limited	Sell	6,573.56	5,524 Ordinary Shares	5,524
7/18/2019	Morgan Stanley Australia Securities Limited	Buy	9.76	8 Ordinary Shares	8
7/18/2019	Morgan Stanley Australia Securities Limited	Buy	67,873.48	55,634 Ordinary Shares	55,634
7/18/2019	Morgan Stanley Australia Securities Limited	Buy	34.02	28 Ordinary Shares	28
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	912.45	770 Ordinary Shares	770
7/18/2019	Morgan Stanley Australia Securities Limited	Buy	45.33	37 Ordinary Shares	37
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	2,494.80	2,079 Ordinary Shares	2,079
7/18/2019	Morgan Stanley Australia Securities Limited	Sell	2,114.30	1,773 Ordinary Shares	1,773
7/18/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	321.62	271 Ordinary Shares	271
7/18/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	439.12	370 Ordinary Shares	370
7/18/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	173.27	146 Ordinary Shares	146
7/18/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	1101.35	928 Ordinary Shares	928
7/18/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	185.14	156 Ordinary Shares	156
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	1,417.50	1,125 Ordinary Shares	1,125
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	71.54	57 Ordinary Shares	57
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	1,416.90	1,129 Ordinary Shares	1,129
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	1,416.80	1,120 Ordinary Shares	1,120
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	4,277.50	3,625 Ordinary Shares	3,625
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	627,500.00	500,000 Ordinary Shares	500,000
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	407.43	324 Ordinary Shares	324
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	1,351.25	1,150 Ordinary Shares	1,150
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	2,858.31	2,443 Ordinary Shares	2,443
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	10.16	8 Ordinary Shares	8
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	1.18	1 Ordinary Shares	1
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	148.13	125 Ordinary Shares	125
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	5,355.00	4,200 Ordinary Shares	4,200
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	2,860.59	2,414 Ordinary Shares	2,414
7/19/2019	Morgan Stanley Australia Securities Limited	Sell	251.34	213 Ordinary Shares	213
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	2,032.00	1,600 Ordinary Shares	1,600
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	947.49	749 Ordinary Shares	749
7/19/2019	Morgan Stanley Australia Securities Limited	Buy	11.16	9 Ordinary Shares	9
7/19/2019	Morgan Stanley Australia Securities Limited	Borrow Returned	N/A	7,790 Ordinary Shares	7,790
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	6,093.36	4,836 Ordinary Shares	4,836
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	2,894.22	2,297 Ordinary Shares	2,297
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	2,995.37	2,382 Ordinary Shares	2,382
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	6,955.22	5,701 Ordinary Shares	5,701
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	1,314.43	1,073 Ordinary Shares	1,073
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	58.56	48 Ordinary Shares	48
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	283.63	226 Ordinary Shares	226
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	17.64	14 Ordinary Shares	14
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	61.99	49 Ordinary Shares	49
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	2,935.50	2,472 Ordinary Shares	2,472
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	282.5	226 Ordinary Shares	226
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	1,457.82	1,157 Ordinary Shares	1,157
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	2,273.76	1,801 Ordinary Shares	1,801
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	1,226.10	1,005 Ordinary Shares	1,005
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	1,419.12	1,168 Ordinary Shares	1,168
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	1,452.85	1,186 Ordinary Shares	1,186
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	1,183.75	947 Ordinary Shares	947
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	1,433.83	1,129 Ordinary Shares	1,129
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	2.5	2 Ordinary Shares	2

7/22/2019	Morgan Stanley Australia Securities Limited	Sell	844.24	692 Ordinary Shares	692
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	4,588.42	3,761 Ordinary Shares	3,761
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	1,379.40	1,140 Ordinary Shares	1,140
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	1,394.66	1,155 Ordinary Shares	1,155
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	186.48	148 Ordinary Shares	148
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	1,501.56	1,187 Ordinary Shares	1,187
7/22/2019	Morgan Stanley Australia Securities Limited	Buy	2.52	2 Ordinary Shares	2
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	400.02	339 Ordinary Shares	339
7/22/2019	Morgan Stanley Australia Securities Limited	Sell	2,391.20	1,960 Ordinary Shares	1,960
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	573.3	455 Ordinary Shares	455
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	2,047.50	1,638 Ordinary Shares	1,638
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	5,990.04	4,754 Ordinary Shares	4,754
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	5,476.13	4,295 Ordinary Shares	4,295
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	1,422.40	1,120 Ordinary Shares	1,120
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	71.54	57 Ordinary Shares	57
7/23/2019	Morgan Stanley Australia Securities Limited	Buy	107.1	85 Ordinary Shares	85
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	12,873.75	10,299 Ordinary Shares	10,299
7/23/2019	Morgan Stanley Australia Securities Limited	Buy	995.56	787 Ordinary Shares	787
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	532.78	422 Ordinary Shares	422
7/23/2019	Morgan Stanley Australia Securities Limited	Buy	13.81	11 Ordinary Shares	11
7/23/2019	Morgan Stanley Australia Securities Limited	Buy	1,420.66	1,132 Ordinary Shares	1,132
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	344.87	277 Ordinary Shares	277
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	548.08	442 Ordinary Shares	442
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	1,698.02	1,353 Ordinary Shares	1,353
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	1,403.09	1,118 Ordinary Shares	1,118
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	704.2	560 Ordinary Shares	560
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	3,800.14	3,028 Ordinary Shares	3,028
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	1,319.70	1,060 Ordinary Shares	1,060
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	3,039.61	2,422 Ordinary Shares	2,422
7/23/2019	Morgan Stanley Australia Securities Limited	Sell	489.56	387 Ordinary Shares	387
7/23/2019	Morgan Stanley Australia Securities Limited	Buy	1,294.10	1,023 Ordinary Shares	1,023
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	1,027.05	820 Ordinary Shares	820
7/24/2019	Morgan Stanley Australia Securities Limited	Sell	2,062.48	1,624 Ordinary Shares	1,624
7/24/2019	Morgan Stanley Australia Securities Limited	Sell	107.5	86 Ordinary Shares	86
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	2,950.51	2,351 Ordinary Shares	2,351
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	1,151.63	925 Ordinary Shares	925
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	4,787.50	3,830 Ordinary Shares	3,830
7/24/2019	Morgan Stanley Australia Securities Limited	Sell	2.5	2 Ordinary Shares	2
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	2,425.92	1,933 Ordinary Shares	1,933
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	9,852.17	7,866 Ordinary Shares	7,866
7/24/2019	Morgan Stanley Australia Securities Limited	Sell	304.36	243 Ordinary Shares	243
7/24/2019	Morgan Stanley Australia Securities Limited	Sell	17.64	14 Ordinary Shares	14
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	110	88 Ordinary Shares	88
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	1,505.51	1,202 Ordinary Shares	1,202
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	1,418.46	1,128 Ordinary Shares	1,128
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	26.36	21 Ordinary Shares	21
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	506.52	402 Ordinary Shares	402
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	514.08	408 Ordinary Shares	408
7/24/2019	Morgan Stanley Australia Securities Limited	Sell	1,424.94	1,122 Ordinary Shares	1,122
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	1,297.50	1,038 Ordinary Shares	1,038
7/24/2019	Morgan Stanley Australia Securities Limited	Buy	1,435.78	1,135 Ordinary Shares	1,135

7/24/2019	Morgan Stanley Australia Securities Limited	Buy	988.54	783 Ordinary Shares	783
7/24/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	3,039.26	2,440 Ordinary Shares	2,440
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	441.96	348 Ordinary Shares	348
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	2.55	2 Ordinary Shares	2
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	1,040.13	819 Ordinary Shares	819
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	3,015.77	2,403 Ordinary Shares	2,403
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	321.28	256 Ordinary Shares	256
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	164,725.13	126,216 Ordinary Shares	126,216
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	8.93	7 Ordinary Shares	7
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	127.71	99 Ordinary Shares	99
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	283.36	224 Ordinary Shares	224
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	1,433.35	1,090 Ordinary Shares	1,090
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	106.47	84 Ordinary Shares	84
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	1,447.68	1,131 Ordinary Shares	1,131
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	338.49	266 Ordinary Shares	266
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	1,422.75	1,084 Ordinary Shares	1,084
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	861.84	684 Ordinary Shares	684
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	867.41	683 Ordinary Shares	683
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	151.13	119 Ordinary Shares	119
7/25/2019	Morgan Stanley Australia Securities Limited	Sell	1,608.34	1,279 Ordinary Shares	1,279
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	173,002.11	132,558 Ordinary Shares	132,558
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	4,007.29	3,059 Ordinary Shares	3,059
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	5.06	4 Ordinary Shares	4
7/25/2019	Morgan Stanley Australia Securities Limited	Buy	4,315.46	3,398 Ordinary Shares	3,398
7/25/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	2340 Ordinary Shares	2340
7/25/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	4471 Ordinary Shares	4471
7/25/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	4681 Ordinary Shares	4681
7/25/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	2213 Ordinary Shares	2213
7/25/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	1389 Ordinary Shares	1389
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	6,038.75	4,831 Ordinary Shares	4,831
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	167,999.79	128,116 Ordinary Shares	128,116
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	843.03	646 Ordinary Shares	646
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	1,436.40	1,140 Ordinary Shares	1,140
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	65.39	52 Ordinary Shares	52
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	1,435.77	1,113 Ordinary Shares	1,113
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	246.51	198 Ordinary Shares	198
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	168.99	129 Ordinary Shares	129
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	344.47	266 Ordinary Shares	266
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,746.25	2,197 Ordinary Shares	2,197
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	402.6	305 Ordinary Shares	305
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	314.69	243 Ordinary Shares	243
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	253.64	197 Ordinary Shares	197
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	2,332.44	1,767 Ordinary Shares	1,767
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	47.34	36 Ordinary Shares	36
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	154.64	122 Ordinary Shares	122
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	145.58	116 Ordinary Shares	116
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	2.62	2 Ordinary Shares	2
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	842.93	673 Ordinary Shares	673
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	867.5	694 Ordinary Shares	694
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	996	800 Ordinary Shares	800
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	3,140.80	2,416 Ordinary Shares	2,416

7/26/2019	Morgan Stanley Australia Securities Limited	Buy	2,864.97	2,187 Ordinary Shares	2,187
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	482.09	388 Ordinary Shares	388
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	2,287.26	1,746 Ordinary Shares	1,746
7/26/2019	Morgan Stanley Australia Securities Limited	Sell	2,819.69	2,229 Ordinary Shares	2,229
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	1,337.73	1,037 Ordinary Shares	1,037
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	5,954.32	4,528 Ordinary Shares	4,528
7/26/2019	Morgan Stanley Australia Securities Limited	Buy	1,118.00	860 Ordinary Shares	860
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	1,572.53	1,205 Ordinary Shares	1,205
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	549.67	418 Ordinary Shares	418
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	1.32	1 Ordinary Shares	1
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	1,028.00	800 Ordinary Shares	800
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	26.3	20 Ordinary Shares	20
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	51.09	39 Ordinary Shares	39
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	1,054.48	784 Ordinary Shares	784
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	1,577.34	1,242 Ordinary Shares	1,242
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	280.13	218 Ordinary Shares	218
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	781.44	592 Ordinary Shares	592
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	309.72	232 Ordinary Shares	232
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	3,173.85	2,351 Ordinary Shares	2,351
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	68.12	52 Ordinary Shares	52
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	841.02	642 Ordinary Shares	642
7/29/2019	Morgan Stanley Australia Securities Limited	Sell	5.06	4 Ordinary Shares	4
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	31.8	24 Ordinary Shares	24
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	1.34	1 Ordinary Shares	1
7/29/2019	Morgan Stanley Australia Securities Limited	Buy	2,499.10	1,865 Ordinary Shares	1,865
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	982.5	750 Ordinary Shares	750
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	187	136 Ordinary Shares	136
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,878.54	2,189 Ordinary Shares	2,189
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,078.00	784 Ordinary Shares	784
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	58.73	45 Ordinary Shares	45
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	77.29	59 Ordinary Shares	59
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,552.24	1,952 Ordinary Shares	1,952
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,513.80	1,160 Ordinary Shares	1,160
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	24.93	18 Ordinary Shares	18
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	177.48	136 Ordinary Shares	136
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	70.64	51 Ordinary Shares	51
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	6,081.75	4,505 Ordinary Shares	4,505
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	335.17	242 Ordinary Shares	242
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,825.35	1,415 Ordinary Shares	1,415
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	4,276.38	3,252 Ordinary Shares	3,252
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,437.07	1,097 Ordinary Shares	1,097
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	2.7	2 Ordinary Shares	2
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	4,660.72	3,427 Ordinary Shares	3,427
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,438.14	1,117 Ordinary Shares	1,117
7/30/2019	Morgan Stanley Australia Securities Limited	Sell	168.99	129 Ordinary Shares	129
7/30/2019	Morgan Stanley Australia Securities Limited	Buy	630.18	455 Ordinary Shares	455
7/30/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Transfer Out	N/A	3081 Ordinary Shares	3081
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,598.52	1,211 Ordinary Shares	1,211
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	13.1	10 Ordinary Shares	10
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,948.36	1,454 Ordinary Shares	1,454
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	431.21	323 Ordinary Shares	323

7/31/2019	Morgan Stanley Australia Securities Limited	Sell	128.01	95 Ordinary Shares	95
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	820.08	612 Ordinary Shares	612
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,452.60	1,080 Ordinary Shares	1,080
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,031.62	767 Ordinary Shares	767
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	177.21	132 Ordinary Shares	132
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	6,663.13	4,954 Ordinary Shares	4,954
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	65.91	49 Ordinary Shares	49
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	341.81	257 Ordinary Shares	257
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	504.9	374 Ordinary Shares	374
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	40.5	30 Ordinary Shares	30
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	702.16	536 Ordinary Shares	536
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	864.6	655 Ordinary Shares	655
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,715.70	1,290 Ordinary Shares	1,290
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	154.56	112 Ordinary Shares	112
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	309.72	232 Ordinary Shares	232
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	545.7	408 Ordinary Shares	408
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	303.05	227 Ordinary Shares	227
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	568.65	422 Ordinary Shares	422
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	349.7	260 Ordinary Shares	260
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,996.66	2,228 Ordinary Shares	2,228
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,453.82	1,089 Ordinary Shares	1,089
7/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,456.18	1,099 Ordinary Shares	1,099
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	1,072,000.00	800,000 Ordinary Shares	800,000
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	853.58	637 Ordinary Shares	637
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	20,824.94	15,541 Ordinary Shares	15,541
7/31/2019	Morgan Stanley Australia Securities Limited	Buy	291.27	219 Ordinary Shares	219
7/31/2019	Morgan Stanley Wealth Management Australia Pty Ltd	Sell	654.34	499 Ordinary Shares	499

4. Present relevant interests

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Morgan Stanley & Co. International plc	HSBC Custody Nominees (Australia) Limited	Not Applicable	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses.	5,931 Ordinary Shares	5,931
Morgan Stanley & Co. International plc	Unknown	Not Applicable	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. Right as lender to recall the shares under a securities lending arrangement.	7,833,517 Ordinary Shares	7,833,517
Morgan Stanley Australia Securities Limited	Morgan Stanley Australia Securities (Nominee) Pty Limited	Not Applicable	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses.	32,871,059 Ordinary Shares	32,871,059
Morgan Stanley Wealth Management Australia Pty Ltd	Morgan Stanley Wealth Management Australia Pty discretionary client account	Not Applicable	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business.	120,289 Ordinary Shares	120,289
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.	40,830,796 Ordinary Shares	40,830,796

5. Changes in association

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

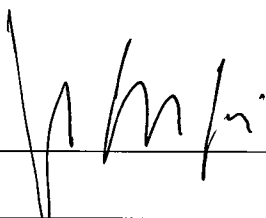
Name and ACN/ARSN (if applicable)	Nature of association
Morgan Stanley Australia Securities Limited	A body corporate controlled by an upstream entity as detailed in Annexure A. There is a change in the upstream entity structure from the last filing [via Morgan Stanley (Australia) Securities Holdings Pty Limited] – i.e., from Morgan Stanley International Incorporated to Morgan Stanley International Holdings Inc.

6. Addresses

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

Name	Address
Morgan Stanley & Co. International plc	25 Cabot Square, Canary Wharf, London, E14 4QA, UNITED KINGDOM.
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	Wilson Li	capacity	Vice President
sign here		date	2 August 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 4.

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 International Limited <ul style="list-style-type: none"> Morgan Stanley Investments (UK) <ul style="list-style-type: none"> Morgan Stanley & Co. International plc <ul style="list-style-type: none"> Morgan Stanley (Australia) Securities Holdings Pty Limited <ul style="list-style-type: none"> Morgan Stanley Australia Securities Limited <ul style="list-style-type: none"> 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 Wilson Li

capacity Vice President

sign here

date 2 August 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 604.

Signature

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

Lodging period

Nil

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 A.C.N 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.

Annexure B:

This is Annexure B referred to in the Form 604: Notice of change of interests of substantial holder issued by Morgan Stanley and its subsidiaries. The following is description of the securities lending agreements referenced in the accompanying Form 604.

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and CITIBANK NA
Transfer Date	20190524; 20190527; 20190605; 20190607; 20190611; 20190612; 20190614; 20190617; 20190618; 20190619; 20190620; 20190621; 20190625; 20190627; 20190701; 20190702; 20190703; 20190704; 20190705; 20190708; 20190709; 20190711; 20190712; 20190716; 20190717; 20190718; 20190719; 20190722; 20190723; 20190724; 20190726; 20190731;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail	The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.

Schedule	
Type of Agreement	Overseas Securities Lender's Agreement
Parties to agreement	Morgan Stanley & Co. International plc and JPMORGAN CHASE BANK, N.A.
Transfer Date	20190605; 20190606; 20190607; 20190610; 20190611; 20190612; 20190613; 20190614; 20190617; 20190618; 20190619; 20190620; 20190621; 20190624; 20190625; 20190627; 20190628; 20190701; 20190702; 20190703; 20190704; 20190705; 20190708; 20190709; 20190711; 20190712; 20190716; 20190717; 20190718; 20190719; 20190722; 20190723; 20190724; 20190725; 20190726; 20190729; 20190730; 20190731;
Holder of Voting Rights	Each Party undertakes that where it holds securities of the same description as any securities borrowed by it or transferred to it by way of collateral at a time when a right to vote arises in respect of such securities, it will use its best endeavours to arrange for the voting rights attached to such securities to be exercised in accordance with the instructions of the Lender or Borrower (as the case may be).
Are there any restrictions on voting rights?	Yes/No
If yes, detail	As stated above.
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail	The Borrower is entitled at any time to terminate a particular loan of Securities and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The Lender may call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the relevant borrowed Securities were originally delivered. The Borrower shall redeliver such Equivalent Securities not later than the expiry of such notice in accordance with the Lender's instructions.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	If an Event of Default occurs in relation to either Party, the Parties' delivery and payment obligations shall be accelerated so as to require performance thereof at the time such Event of Default occurs. In such event the Relevant Value of the Securities to be delivered by each Party shall be established in accordance with the Agreement and on the basis of the Relevant Values so established, the sums due from one Party shall be set-off against the sums due from the other and only the balance of the account shall be payable.

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and SPECIFIED MONEY TRUST FUND NO. 400076241 FOR SUBARU CORPORATION ENTRUSTED TO THE MASTER TRUST BANK OF JAPAN, LTD.
Transfer Date	20190628; 20190711; 20190715;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and DWS INVESTMENT GMBH-DEAM-FONDS BPT
Transfer Date	20190731;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and AVIVA INVESTORS PASSIVE FUNDS ACS-AI UK GILTS OVER 15 YEARS INDEX FUND
Transfer Date	20190731;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/No

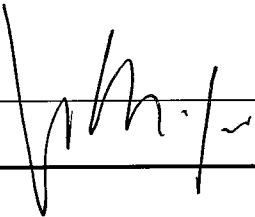
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.

Schedule	
Type of Agreement	Global Master Repurchase Agreement
Parties to agreement	Morgan Stanley & Co. International plc and LYB FINANCE COMPANY BV
Transfer Date	20190731;
Holder of Voting Rights	Buyer in relation to Purchased Securities and the transferee in the case of Margin Securities.
Are there any restrictions on voting rights?	Yes/No
If yes, detail Buyer, in the case of Purchased Securities, and transferee, in the case of Margin Securities, shall use its best endeavours to arrange for voting rights of that kind to be exercised in relation to the relevant number of securities of that kind in accordance with the instructions of the other party provided that it holds such Securities and the other party shall have notified Buyer or transferee, as the case may be, of its instructions no later than seven Business Days prior to the date the votes are exercisable.	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail Either party may terminate on demand Transactions on notice of not less than the minimum period as is customarily required for the settlement or delivery of the Equivalent Securities. If Seller requests and Buyer agrees, Transaction may be varied such that Buyer transfers Securities equivalent to the Purchased Securities to the Seller in exchange for the transfer of other securities as agreed.	
Does the lender have the right to recall early?	Yes/No
If yes, detail Either party may terminate on demand Transactions on notice of not less than the minimum period as is customarily required for the settlement or delivery of the Equivalent Securities.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If an Event of Default occurs with respect to either party, the Parties' obligation to deliver Equivalent Securities and Equivalent Margin Securities will cease. The Non-defaulting party will calculate the Default Market Value of Equivalent Securities and Equivalent Margin Securities, set off the sums due from one party to another, and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and AVIVA LIFE & PENSIONS UK LIMITED
Transfer Date	20190731;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

The above schedules are based on the relevant standard agreements. The entity filing the report will, if requested by the company or responsible entity to whom the prescribed form must be given or ASIC, give a copy of the agreement to the company, responsible entity or ASIC.

Signature

print name	Wilson Li	capacity	Vice President
sign here		date	August 02, 2019