

Form 605
Corporations Act 2001
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme SANDFIRE RESOURCES NL

ACN/ARSN 105 154 185

1. Details of substantial holder (1)

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

The holder ceased to be a substantial holder on September 19, 2018
The previous notice was given to the company on September 18, 2018
The previous notice was dated September 14, 2018
The holder became aware on September 21, 2018

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change (5)	Class (6) and number of Securities affected	Person's votes affected
9/17/2018	Morgan Stanley & Co. LLC	Borrow Return	N/A	-156,737 Ordinary Shares	-156,737
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	9,733.95	1,455 Ordinary Shares	1,455
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6,635.78	986 Ordinary Shares	986
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	10,381.50	1,538 Ordinary Shares	1,538
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	993.98	145 Ordinary Shares	145
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	795.32	118 Ordinary Shares	118
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	173.94	26 Ordinary Shares	26
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	394.40	58 Ordinary Shares	58
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,703.26	543 Ordinary Shares	543
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	10,570.02	1,559 Ordinary Shares	1,559
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	299.70	45 Ordinary Shares	45
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	114.92	17 Ordinary Shares	17
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	11,218.50	1,662 Ordinary Shares	1,662
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	16,706.25	2,475 Ordinary Shares	2,475
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6,893.76	1,032 Ordinary Shares	1,032
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6.78	1 Ordinary Shares	1
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	13,803.23	2,051 Ordinary Shares	2,051
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	391.79	58 Ordinary Shares	58
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,091.20	160 Ordinary Shares	160
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	2,123.52	316 Ordinary Shares	316
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	2,951.72	436 Ordinary Shares	436
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,779.36	264 Ordinary Shares	264
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	39,447.00	5,844 Ordinary Shares	5,844
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	2,150.90	314 Ordinary Shares	314
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,519.88	225 Ordinary Shares	225
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6,476.08	958 Ordinary Shares	958
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,869.75	277 Ordinary Shares	277
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	5,199.36	768 Ordinary Shares	768
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	18,022.16	2,666 Ordinary Shares	2,666
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	5,880.14	866 Ordinary Shares	866
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	354.12	52 Ordinary Shares	52
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	358.55	53 Ordinary Shares	53
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	5,225.76	764 Ordinary Shares	764

9/17/2018	Morgan Stanley Australia Securities Limited	Buy	4,897.11	717 Ordinary Shares	717
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	195.75	29 Ordinary Shares	29
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	20.25	3 Ordinary Shares	3
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	5,604.48	834 Ordinary Shares	834
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	965.60	142 Ordinary Shares	142
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	8,277.01	1,219 Ordinary Shares	1,219
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	7,429.24	1,099 Ordinary Shares	1,099
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	173.94	26 Ordinary Shares	26
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	80.88	12 Ordinary Shares	12
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	17,597.25	2,607 Ordinary Shares	2,607
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	67.65	10 Ordinary Shares	10
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	13.61	2 Ordinary Shares	2
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	4,637.12	688 Ordinary Shares	688
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	81.12	12 Ordinary Shares	12
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	865.92	128 Ordinary Shares	128
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	8,479.60	1,247 Ordinary Shares	1,247
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	596.20	88 Ordinary Shares	88
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	445.83	66 Ordinary Shares	66
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,127.36	464 Ordinary Shares	464
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	94.78	14 Ordinary Shares	14
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	12,394.86	1,839 Ordinary Shares	1,839
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,868.52	276 Ordinary Shares	276
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	4,542.76	674 Ordinary Shares	674
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	2,240.49	332 Ordinary Shares	332
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	557.76	83 Ordinary Shares	83
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,427.32	507 Ordinary Shares	507
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	161.28	24 Ordinary Shares	24
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	313.26	46 Ordinary Shares	46
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	101.85	15 Ordinary Shares	15
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	289.82	43 Ordinary Shares	43
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	4,657.76	688 Ordinary Shares	688
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,397.40	204 Ordinary Shares	204
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	4,719.05	695 Ordinary Shares	695
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	2,826.32	412 Ordinary Shares	412
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,108.08	162 Ordinary Shares	162
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6,675.75	989 Ordinary Shares	989
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6.81	1 Ordinary Shares	1
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,375.00	500 Ordinary Shares	500
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,636.88	538 Ordinary Shares	538
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	12,246.93	1,809 Ordinary Shares	1,809
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	283.92	42 Ordinary Shares	42
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	898.42	133 Ordinary Shares	133
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	1,293.90	190 Ordinary Shares	190
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,500.32	524 Ordinary Shares	524
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	9,213.88	1,363 Ordinary Shares	1,363
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	5,182.10	770 Ordinary Shares	770
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	91,226.25	13,515 Ordinary Shares	13,515
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	250.49	37 Ordinary Shares	37
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	760.38	114 Ordinary Shares	114
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	381.90	57 Ordinary Shares	57
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	6.76	1 Ordinary Shares	1
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	895.09	133 Ordinary Shares	133
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	5,825.25	863 Ordinary Shares	863
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	2,055.04	304 Ordinary Shares	304
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	3,851.04	568 Ordinary Shares	568
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	10,383.36	1,536 Ordinary Shares	1,536
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	14,640.75	2,169 Ordinary Shares	2,169
9/17/2018	Morgan Stanley Australia Securities Limited	Buy	175.24	26 Ordinary Shares	26
9/17/2018	Morgan Stanley & Co. International plc	Buy	1,007.99	149 Ordinary Shares	149
9/17/2018	Morgan Stanley & Co. International plc	Buy	323.28	48 Ordinary Shares	48
9/17/2018	Morgan Stanley & Co. International plc	Buy	1,775.14	263 Ordinary Shares	263
9/17/2018	Morgan Stanley & Co. International plc	Buy	10,996.43	1,621 Ordinary Shares	1,621
9/17/2018	Morgan Stanley & Co. International plc	Buy	7,236.71	1,067 Ordinary Shares	1,067
9/17/2018	Morgan Stanley & Co. International plc	Buy	4,989.47	736 Ordinary Shares	736
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	10,189.22	-1,514 Ordinary Shares	-1,514
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	7,871.58	-1,161 Ordinary Shares	-1,161

9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,083.58	-463 Ordinary Shares	-463
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	621.92	-92 Ordinary Shares	-92
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,208.98	-474 Ordinary Shares	-474
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	432.64	-64 Ordinary Shares	-64
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	325.20	-48 Ordinary Shares	-48
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	18,952.77	-2,833 Ordinary Shares	-2,833
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,910.00	-575 Ordinary Shares	-575
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,819.72	-268 Ordinary Shares	-268
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,186.24	-176 Ordinary Shares	-176
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,973.20	-872 Ordinary Shares	-872
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,394.88	-654 Ordinary Shares	-654
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	383.04	-56 Ordinary Shares	-56
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,787.60	-557 Ordinary Shares	-557
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,967.50	-293 Ordinary Shares	-293
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	315.84	-47 Ordinary Shares	-47
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	881.63	-131 Ordinary Shares	-131
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,723.50	-550 Ordinary Shares	-550
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,158.04	-319 Ordinary Shares	-319
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	6.78	-1 Ordinary Shares	-1
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	7,550.92	-1,117 Ordinary Shares	-1,117
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	6,520.50	-966 Ordinary Shares	-966
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	6,216.75	-921 Ordinary Shares	-921
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	366.85	-55 Ordinary Shares	-55
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,698.72	-404 Ordinary Shares	-404
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	10,265.02	-1,523 Ordinary Shares	-1,523
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	848.36	-127 Ordinary Shares	-127
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,756.22	-849 Ordinary Shares	-849
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,385.16	-204 Ordinary Shares	-204
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,301.86	-487 Ordinary Shares	-487
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,965.82	-442 Ordinary Shares	-442
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,348.77	-349 Ordinary Shares	-349
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,751.70	-705 Ordinary Shares	-705
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	6,054.68	-895 Ordinary Shares	-895
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	6.77	-1 Ordinary Shares	-1
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,597.38	-237 Ordinary Shares	-237
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,861.60	-862 Ordinary Shares	-862
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	635.91	-94 Ordinary Shares	-94
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,913.61	-281 Ordinary Shares	-281
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	16,651.68	-2,456 Ordinary Shares	-2,456
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	81.54	-12 Ordinary Shares	-12
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,429.53	-211 Ordinary Shares	-211
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,710.08	-256 Ordinary Shares	-256
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	94.92	-14 Ordinary Shares	-14
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	331.73	-49 Ordinary Shares	-49
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,074.67	-157 Ordinary Shares	-157
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,399.32	-207 Ordinary Shares	-207
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	577.92	-86 Ordinary Shares	-86
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,407.75	-653 Ordinary Shares	-653
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,569.40	-682 Ordinary Shares	-682
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,459.16	-804 Ordinary Shares	-804
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,132.15	-471 Ordinary Shares	-471
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	40.92	-6 Ordinary Shares	-6
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	15,824.52	-2,334 Ordinary Shares	-2,334
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	544.32	-81 Ordinary Shares	-81
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	6,907.12	-1,034 Ordinary Shares	-1,034
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,440.22	-214 Ordinary Shares	-214
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	449.46	-66 Ordinary Shares	-66
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	20.40	-3 Ordinary Shares	-3
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	360.14	-53 Ordinary Shares	-53
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	11,086.40	-1,640 Ordinary Shares	-1,640
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	60.93	-9 Ordinary Shares	-9
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	767.79	-114 Ordinary Shares	-114
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	791.51	-117 Ordinary Shares	-117
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,170.92	-617 Ordinary Shares	-617
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	638.26	-94 Ordinary Shares	-94
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,656.74	-694 Ordinary Shares	-694

9/17/2018	Morgan Stanley Australia Securities Limited	Sell	453.59	-67 Ordinary Shares	-67
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	80.76	-12 Ordinary Shares	-12
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,312.40	-490 Ordinary Shares	-490
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,566.18	-231 Ordinary Shares	-231
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	643.15	-95 Ordinary Shares	-95
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	12,271.80	-1,810 Ordinary Shares	-1,810
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	462.06	-68 Ordinary Shares	-68
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,898.09	-879 Ordinary Shares	-879
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	557.76	-84 Ordinary Shares	-84
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	13,560.63	-2,027 Ordinary Shares	-2,027
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,936.22	-286 Ordinary Shares	-286
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,569.40	-670 Ordinary Shares	-670
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	68,431.16	-10,108 Ordinary Shares	-10,108
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	813.60	-120 Ordinary Shares	-120
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	16,424.02	-2,426 Ordinary Shares	-2,426
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	87.82	-13 Ordinary Shares	-13
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,684.80	-836 Ordinary Shares	-836
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,183.60	-176 Ordinary Shares	-176
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,278.40	-188 Ordinary Shares	-188
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,919.83	-579 Ordinary Shares	-579
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	17,947.55	-2,653 Ordinary Shares	-2,653
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,875.50	-426 Ordinary Shares	-426
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	722.25	-107 Ordinary Shares	-107
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	244.80	-36 Ordinary Shares	-36
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,438.35	-215 Ordinary Shares	-215
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	437.45	-65 Ordinary Shares	-65
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,157.40	-322 Ordinary Shares	-322
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	3,462.75	-513 Ordinary Shares	-513
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	99,843.76	-14,800 Ordinary Shares	-14,800
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	398.84	-59 Ordinary Shares	-59
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,901.20	-280 Ordinary Shares	-280
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,310.47	-194 Ordinary Shares	-194
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	329.53	-49 Ordinary Shares	-49
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,603.32	-673 Ordinary Shares	-673
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	476.41	-71 Ordinary Shares	-71
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,626.24	-242 Ordinary Shares	-242
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,901.39	-279 Ordinary Shares	-279
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	5,115.66	-759 Ordinary Shares	-759
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,263.87	-186 Ordinary Shares	-186
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	1,328.88	-196 Ordinary Shares	-196
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	155.94	-23 Ordinary Shares	-23
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	60.75	-9 Ordinary Shares	-9
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	4,284.00	-630 Ordinary Shares	-630
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	2,793.36	-412 Ordinary Shares	-412
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	47.39	-7 Ordinary Shares	-7
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	12,066.03	-1,809 Ordinary Shares	-1,809
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	21,354.84	-3,159 Ordinary Shares	-3,159
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	843.13	-125 Ordinary Shares	-125
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	251.60	-37 Ordinary Shares	-37
9/17/2018	Morgan Stanley Australia Securities Limited	Sell	80.16	-12 Ordinary Shares	-12
9/17/2018	Morgan Stanley & Co. International plc	Sell	360.14	-53 Ordinary Shares	-53
9/17/2018	Morgan Stanley & Co. International plc	Sell	81.54	-12 Ordinary Shares	-12
9/18/2018	Morgan Stanley & Co. LLC	Borrow Return	N/A	-109,198 Ordinary Shares	-109,198
9/18/2018	Morgan Stanley & Co. International plc	Borrow Return	N/A	-18,912 Ordinary Shares	-18,912
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	2,461.80	373 Ordinary Shares	373
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	4,069.80	612 Ordinary Shares	612
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	5,997.72	906 Ordinary Shares	906
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	4,224.00	640 Ordinary Shares	640
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	400.80	60 Ordinary Shares	60
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	5,319.60	806 Ordinary Shares	806
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	237.60	36 Ordinary Shares	36
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	6,451.20	960 Ordinary Shares	960
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	9,556.80	1,448 Ordinary Shares	1,448
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,668.50	550 Ordinary Shares	550
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	536.40	80 Ordinary Shares	80
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,790.24	268 Ordinary Shares	268

9/18/2018	Morgan Stanley Australia Securities Limited	Buy	7,470.00	1,125 Ordinary Shares	1,125
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,252.90	187 Ordinary Shares	187
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	4,435.07	673 Ordinary Shares	673
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	32,655.52	4,918 Ordinary Shares	4,918
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	5,370.72	804 Ordinary Shares	804
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	638.40	95 Ordinary Shares	95
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	2,720.82	411 Ordinary Shares	411
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	27,682.68	4,188 Ordinary Shares	4,188
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	7,758.90	1,165 Ordinary Shares	1,165
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	211.52	32 Ordinary Shares	32
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	304.52	46 Ordinary Shares	46
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	6,314.64	951 Ordinary Shares	951
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	13,742.19	2,079 Ordinary Shares	2,079
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	403.52	61 Ordinary Shares	61
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	18,752.57	2,837 Ordinary Shares	2,837
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	11,207.66	1,693 Ordinary Shares	1,693
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	7,507.85	1,129 Ordinary Shares	1,129
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	5,354.64	804 Ordinary Shares	804
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,319.37	199 Ordinary Shares	199
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	13.33	2 Ordinary Shares	2
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,489.50	225 Ordinary Shares	225
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	565.68	85 Ordinary Shares	85
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,466.08	522 Ordinary Shares	522
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	326.59	49 Ordinary Shares	49
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,731.82	262 Ordinary Shares	262
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	2,565.81	387 Ordinary Shares	387
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	783.52	118 Ordinary Shares	118
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	8,245.08	1,238 Ordinary Shares	1,238
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	2,377.11	354 Ordinary Shares	354
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,234.20	187 Ordinary Shares	187
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	539.87	81 Ordinary Shares	81
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	2,227.72	332 Ordinary Shares	332
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	7,802.56	1,184 Ordinary Shares	1,184
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	5,368.00	800 Ordinary Shares	800
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,382.82	511 Ordinary Shares	511
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	4,281.60	640 Ordinary Shares	640
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	14,176.80	2,148 Ordinary Shares	2,148
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,967.42	299 Ordinary Shares	299
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,281.85	495 Ordinary Shares	495
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	29,023.44	4,371 Ordinary Shares	4,371
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	4,588.50	690 Ordinary Shares	690
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,086.02	469 Ordinary Shares	469
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,013.21	151 Ordinary Shares	151
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,194.93	479 Ordinary Shares	479
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	5,358.48	807 Ordinary Shares	807
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,035.84	156 Ordinary Shares	156
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	543.66	82 Ordinary Shares	82
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	10,678.67	1,601 Ordinary Shares	1,601
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,371.10	510 Ordinary Shares	510
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	965.70	145 Ordinary Shares	145
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	385.70	58 Ordinary Shares	58
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	446.22	67 Ordinary Shares	67
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,953.79	591 Ordinary Shares	591
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	9,364.68	1,404 Ordinary Shares	1,404
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	2,300.28	348 Ordinary Shares	348
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	568.65	85 Ordinary Shares	85
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	4,221.00	630 Ordinary Shares	630
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	324.87	49 Ordinary Shares	49
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	28,165.14	4,229 Ordinary Shares	4,229
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	595.80	90 Ordinary Shares	90
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	7,332.60	1,111 Ordinary Shares	1,111
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	7,745.58	1,163 Ordinary Shares	1,163
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,164.29	173 Ordinary Shares	173
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	1,526.91	231 Ordinary Shares	231
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	182.84	28 Ordinary Shares	28
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	46,260.88	6,967 Ordinary Shares	6,967

9/18/2018	Morgan Stanley Australia Securities Limited	Buy	3,513.90	530 Ordinary Shares	530
9/18/2018	Morgan Stanley Australia Securities Limited	Buy	11,309.71	1,711 Ordinary Shares	1,711
9/18/2018	Morgan Stanley & Co. International plc	Buy	18,937.33	2,848 Ordinary Shares	2,848
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	197.20	-29 Ordinary Shares	-29
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	141.23	-21 Ordinary Shares	-21
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	7,478.70	-1,099 Ordinary Shares	-1,099
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	5,749.26	-843 Ordinary Shares	-843
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,802.40	-560 Ordinary Shares	-560
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	893.76	-133 Ordinary Shares	-133
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	4,963.49	-731 Ordinary Shares	-731
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	4,670.82	-693 Ordinary Shares	-693
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	760.48	-112 Ordinary Shares	-112
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,883.25	-279 Ordinary Shares	-279
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,661.10	-245 Ordinary Shares	-245
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	4,333.16	-641 Ordinary Shares	-641
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	726.00	-107 Ordinary Shares	-107
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,222.57	-179 Ordinary Shares	-179
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,902.40	-576 Ordinary Shares	-576
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,935.46	-284 Ordinary Shares	-284
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	13,871.97	-2,043 Ordinary Shares	-2,043
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,346.20	-495 Ordinary Shares	-495
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	569.52	-84 Ordinary Shares	-84
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	114.75	-17 Ordinary Shares	-17
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	5,275.83	-777 Ordinary Shares	-777
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,295.80	-190 Ordinary Shares	-190
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	201.90	-30 Ordinary Shares	-30
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	987.45	-145 Ordinary Shares	-145
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	74.69	-11 Ordinary Shares	-11
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,435.24	-212 Ordinary Shares	-212
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	13,450.40	-1,978 Ordinary Shares	-1,978
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	648.00	-96 Ordinary Shares	-96
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	394.11	-58 Ordinary Shares	-58
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	269.60	-40 Ordinary Shares	-40
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	647.78	-98 Ordinary Shares	-98
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	476.41	-71 Ordinary Shares	-71
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	367.40	-55 Ordinary Shares	-55
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	237.65	-35 Ordinary Shares	-35
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,195.04	-176 Ordinary Shares	-176
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	208.32	-31 Ordinary Shares	-31
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,073.60	-160 Ordinary Shares	-160
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,706.40	-398 Ordinary Shares	-398
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,214.10	-180 Ordinary Shares	-180
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,657.26	-243 Ordinary Shares	-243
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	26,996.00	-3,970 Ordinary Shares	-3,970
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	337.25	-50 Ordinary Shares	-50
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,300.75	-489 Ordinary Shares	-489
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,462.81	-507 Ordinary Shares	-507
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	909.90	-135 Ordinary Shares	-135
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,072.44	-162 Ordinary Shares	-162
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	355.63	-53 Ordinary Shares	-53
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,091.92	-316 Ordinary Shares	-316
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	538.00	-80 Ordinary Shares	-80
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,175.13	-469 Ordinary Shares	-469
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	244.44	-36 Ordinary Shares	-36
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	54.24	-8 Ordinary Shares	-8
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	4,188.80	-616 Ordinary Shares	-616
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,546.40	-520 Ordinary Shares	-520
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,394.62	-206 Ordinary Shares	-206
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,136.92	-172 Ordinary Shares	-172
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,876.40	-423 Ordinary Shares	-423
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	272.24	-41 Ordinary Shares	-41
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	8,601.03	-1,263 Ordinary Shares	-1,263
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,728.47	-254 Ordinary Shares	-254
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,570.80	-231 Ordinary Shares	-231
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	4,617.18	-678 Ordinary Shares	-678
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	244.08	-36 Ordinary Shares	-36

9/18/2018	Morgan Stanley Australia Securities Limited	Sell	59.49	-9 Ordinary Shares	-9
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	760.15	-115 Ordinary Shares	-115
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	319.13	-47 Ordinary Shares	-47
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	6,721.47	-987 Ordinary Shares	-987
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	5,893.44	-877 Ordinary Shares	-877
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	339.15	-51 Ordinary Shares	-51
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	371.25	-55 Ordinary Shares	-55
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,250.60	-185 Ordinary Shares	-185
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,976.70	-598 Ordinary Shares	-598
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,004.18	-148 Ordinary Shares	-148
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,323.28	-488 Ordinary Shares	-488
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	102.15	-15 Ordinary Shares	-15
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	6,439.60	-947 Ordinary Shares	-947
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	352.82	-52 Ordinary Shares	-52
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	840.10	-124 Ordinary Shares	-124
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,238.51	-182 Ordinary Shares	-182
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	391.17	-59 Ordinary Shares	-59
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,487.06	-369 Ordinary Shares	-369
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	998.87	-147 Ordinary Shares	-147
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,666.00	-245 Ordinary Shares	-245
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	633.33	-93 Ordinary Shares	-93
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	20.37	-3 Ordinary Shares	-3
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	270.00	-40 Ordinary Shares	-40
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	118.98	-18 Ordinary Shares	-18
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	305.44	-46 Ordinary Shares	-46
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,362.88	-496 Ordinary Shares	-496
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	8,119.20	-1,194 Ordinary Shares	-1,194
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	295.46	-44 Ordinary Shares	-44
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	1,391.95	-205 Ordinary Shares	-205
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,673.30	-545 Ordinary Shares	-545
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,552.55	-385 Ordinary Shares	-385
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	26.56	-4 Ordinary Shares	-4
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,397.60	-360 Ordinary Shares	-360
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,554.82	-522 Ordinary Shares	-522
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	202.20	-30 Ordinary Shares	-30
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,597.60	-382 Ordinary Shares	-382
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,275.23	-497 Ordinary Shares	-497
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	65,042.43	-9,600 Ordinary Shares	-9,600
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	370.72	-56 Ordinary Shares	-56
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	5,018.97	-737 Ordinary Shares	-737
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	293.26	-43 Ordinary Shares	-43
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	268.80	-40 Ordinary Shares	-40
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	291.11	-43 Ordinary Shares	-43
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	2,711.67	-409 Ordinary Shares	-409
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	3,250.02	-479 Ordinary Shares	-479
9/18/2018	Morgan Stanley Australia Securities Limited	Sell	4,318.44	-636 Ordinary Shares	-636
9/18/2018	Morgan Stanley & Co. International plc	Sell	3,902.40	-576 Ordinary Shares	-576
9/18/2018	Morgan Stanley & Co. International plc	Sell	1,078.82	-159 Ordinary Shares	-159
9/18/2018	Morgan Stanley & Co. International plc	Sell	2,849.20	-419 Ordinary Shares	-419
9/19/2018	Morgan Stanley Australia Securities Limited	Borrow	N/A	35,000 Ordinary Shares	35,000
9/19/2018	Morgan Stanley & Co. LLC	Borrow Return	N/A	-208,715 Ordinary Shares	-208,715
9/19/2018	Morgan Stanley & Co. International plc	Borrow Return	N/A	-170,137 Ordinary Shares	-170,137
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	25,145.49	3,639 Ordinary Shares	3,639
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,490.24	798 Ordinary Shares	798
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	92,108.08	13,196 Ordinary Shares	13,196
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	607.26	87 Ordinary Shares	87
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,131.62	731 Ordinary Shares	731
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,174.77	171 Ordinary Shares	171
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	932.18	135 Ordinary Shares	135
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,413.03	201 Ordinary Shares	201
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,637.84	236 Ordinary Shares	236
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,456.92	213 Ordinary Shares	213
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	598.99	86 Ordinary Shares	86
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	18,678.79	2,711 Ordinary Shares	2,711
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,703.68	242 Ordinary Shares	242
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,228.52	748 Ordinary Shares	748

9/19/2018	Morgan Stanley Australia Securities Limited	Buy	6,756.42	957 Ordinary Shares	957
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	4,638.42	657 Ordinary Shares	657
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,205.24	454 Ordinary Shares	454
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	795.23	115 Ordinary Shares	115
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,175.24	732 Ordinary Shares	732
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,562.78	363 Ordinary Shares	363
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	190.89	27 Ordinary Shares	27
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	24,315.60	3,524 Ordinary Shares	3,524
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,167.79	169 Ordinary Shares	169
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,039.50	150 Ordinary Shares	150
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,851.70	555 Ordinary Shares	555
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,446.64	208 Ordinary Shares	208
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,541.46	514 Ordinary Shares	514
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	928.80	135 Ordinary Shares	135
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	537.20	79 Ordinary Shares	79
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	278.00	40 Ordinary Shares	40
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	4,830.00	690 Ordinary Shares	690
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	30,360.33	4,381 Ordinary Shares	4,381
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	867.50	125 Ordinary Shares	125
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	29,630.10	4,245 Ordinary Shares	4,245
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	709.67	103 Ordinary Shares	103
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	6,900.19	983 Ordinary Shares	983
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	12,260.49	1,749 Ordinary Shares	1,749
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,705.72	391 Ordinary Shares	391
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	9,821.06	1,395 Ordinary Shares	1,395
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,124.33	305 Ordinary Shares	305
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	97.86	14 Ordinary Shares	14
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	305.36	44 Ordinary Shares	44
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	15,846.00	2,280 Ordinary Shares	2,280
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	166.44	24 Ordinary Shares	24
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	111.84	16 Ordinary Shares	16
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	12,249.60	1,760 Ordinary Shares	1,760
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,666.00	238 Ordinary Shares	238
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	9,611.81	1,391 Ordinary Shares	1,391
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	473.62	68 Ordinary Shares	68
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	10,209.92	1,484 Ordinary Shares	1,484
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	20,298.96	2,904 Ordinary Shares	2,904
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,451.68	211 Ordinary Shares	211
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,270.62	181 Ordinary Shares	181
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	13.90	2 Ordinary Shares	2
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	7,126.58	1,021 Ordinary Shares	1,021
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	7,224.00	1,050 Ordinary Shares	1,050
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	62.28	9 Ordinary Shares	9
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	202.42	29 Ordinary Shares	29
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	814.20	118 Ordinary Shares	118
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	35.10	5 Ordinary Shares	5
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	20.97	3 Ordinary Shares	3
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,391.78	202 Ordinary Shares	202
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	911.46	132 Ordinary Shares	132
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	15,592.07	2,263 Ordinary Shares	2,263
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,285.20	189 Ordinary Shares	189
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	992.58	142 Ordinary Shares	142
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	11,426.26	1,637 Ordinary Shares	1,637
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	715.85	103 Ordinary Shares	103
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	315.90	45 Ordinary Shares	45
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	96,163.46	13,777 Ordinary Shares	13,777
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,718.25	535 Ordinary Shares	535
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	345.00	50 Ordinary Shares	50
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	8,306.20	1,190 Ordinary Shares	1,190
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	31,464.00	4,560 Ordinary Shares	4,560
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,342.73	191 Ordinary Shares	191
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	267.33	38 Ordinary Shares	38
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	6,072.30	865 Ordinary Shares	865
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	588.20	85 Ordinary Shares	85
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	545.89	79 Ordinary Shares	79
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	669.75	95 Ordinary Shares	95

9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,491.03	215 Ordinary Shares	215
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	269.88	39 Ordinary Shares	39
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	254.93	37 Ordinary Shares	37
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	421.82	61 Ordinary Shares	61
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	693.99	99 Ordinary Shares	99
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,049.92	734 Ordinary Shares	734
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	51,237.65	7,415 Ordinary Shares	7,415
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,989.49	283 Ordinary Shares	283
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,948.24	284 Ordinary Shares	284
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	10,382.58	1,479 Ordinary Shares	1,479
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,490.82	503 Ordinary Shares	503
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	407.10	59 Ordinary Shares	59
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	284.13	41 Ordinary Shares	41
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,612.40	232 Ordinary Shares	232
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	583.94	86 Ordinary Shares	86
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,322.40	190 Ordinary Shares	190
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,548.16	504 Ordinary Shares	504
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	4,003.02	567 Ordinary Shares	567
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,445.25	205 Ordinary Shares	205
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	21,545.37	3,109 Ordinary Shares	3,109
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	321.08	46 Ordinary Shares	46
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,460.84	788 Ordinary Shares	788
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,660.49	241 Ordinary Shares	241
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	475.66	68 Ordinary Shares	68
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,372.16	479 Ordinary Shares	479
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,137.24	162 Ordinary Shares	162
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	8,901.84	1,279 Ordinary Shares	1,279
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	11,235.00	1,605 Ordinary Shares	1,605
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	5,224.05	741 Ordinary Shares	741
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	13,900.82	2,003 Ordinary Shares	2,003
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	281.67	41 Ordinary Shares	41
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	9,639.30	1,397 Ordinary Shares	1,397
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,633.00	519 Ordinary Shares	519
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,040.44	148 Ordinary Shares	148
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	478.17	69 Ordinary Shares	69
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	300.96	44 Ordinary Shares	44
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	242.03	35 Ordinary Shares	35
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	417.60	60 Ordinary Shares	60
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,224.53	321 Ordinary Shares	321
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	27.72	4 Ordinary Shares	4
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,135.70	164 Ordinary Shares	164
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	27,869.50	4,010 Ordinary Shares	4,010
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	373.65	53 Ordinary Shares	53
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,531.01	511 Ordinary Shares	511
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	10,988.28	1,572 Ordinary Shares	1,572
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	847.29	122 Ordinary Shares	122
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	591.68	86 Ordinary Shares	86
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,747.92	392 Ordinary Shares	392
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,488.62	354 Ordinary Shares	354
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	4,673.27	661 Ordinary Shares	661
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	69.50	10 Ordinary Shares	10
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	8,667.60	1,240 Ordinary Shares	1,240
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	428.42	62 Ordinary Shares	62
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	648.60	94 Ordinary Shares	94
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,268.54	182 Ordinary Shares	182
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	353.60	52 Ordinary Shares	52
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,336.80	485 Ordinary Shares	485
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,851.88	268 Ordinary Shares	268
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,526.43	219 Ordinary Shares	219
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	2,710.50	390 Ordinary Shares	390
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,801.60	540 Ordinary Shares	540
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,507.00	501 Ordinary Shares	501
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	570.72	82 Ordinary Shares	82
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	18,012.76	2,603 Ordinary Shares	2,603
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	31,326.84	4,527 Ordinary Shares	4,527
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	957.63	137 Ordinary Shares	137

9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,023.46	146 Ordinary Shares	146
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	636.64	92 Ordinary Shares	92
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	8,230.26	1,198 Ordinary Shares	1,198
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	19,577.74	2,821 Ordinary Shares	2,821
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	1,614.69	233 Ordinary Shares	233
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	3,729.45	529 Ordinary Shares	529
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	357.50	52 Ordinary Shares	52
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	462.30	67 Ordinary Shares	67
9/19/2018	Morgan Stanley Australia Securities Limited	Buy	406.00	58 Ordinary Shares	58
9/19/2018	Morgan Stanley & Co. International plc	Buy	18,551.79	2,641 Ordinary Shares	2,641
9/19/2018	Morgan Stanley & Co. International plc	Buy	293.79	42 Ordinary Shares	42
9/19/2018	Morgan Stanley & Co. International plc	Buy	11,785.38	1,689 Ordinary Shares	1,689
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,237.92	-472 Ordinary Shares	-472
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,046.56	-884 Ordinary Shares	-884
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	771.21	-114 Ordinary Shares	-114
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	12,380.58	-1,818 Ordinary Shares	-1,818
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	38,931.00	-5,700 Ordinary Shares	-5,700
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	310.50	-46 Ordinary Shares	-46
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	10,239.32	-1,508 Ordinary Shares	-1,508
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,418.29	-358 Ordinary Shares	-358
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,032.50	-300 Ordinary Shares	-300
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	312.80	-46 Ordinary Shares	-46
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,766.16	-264 Ordinary Shares	-264
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,186.86	-469 Ordinary Shares	-469
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	412.06	-61 Ordinary Shares	-61
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,786.36	-556 Ordinary Shares	-556
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	5,968.41	-879 Ordinary Shares	-879
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	175.24	-26 Ordinary Shares	-26
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	242.82	-36 Ordinary Shares	-36
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,551.92	-372 Ordinary Shares	-372
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	13,838.00	-2,035 Ordinary Shares	-2,035
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	273.00	-40 Ordinary Shares	-40
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,774.15	-259 Ordinary Shares	-259
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,089.15	-159 Ordinary Shares	-159
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	938.25	-139 Ordinary Shares	-139
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,786.78	-1,001 Ordinary Shares	-1,001
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,658.65	-393 Ordinary Shares	-393
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,193.50	-175 Ordinary Shares	-175
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	713.91	-106 Ordinary Shares	-106
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	594.65	-87 Ordinary Shares	-87
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,864.60	-565 Ordinary Shares	-565
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	5,571.71	-823 Ordinary Shares	-823
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	5,222.40	-768 Ordinary Shares	-768
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,459.75	-957 Ordinary Shares	-957
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	265.98	-39 Ordinary Shares	-39
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,000.50	-150 Ordinary Shares	-150
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	171.38	-25 Ordinary Shares	-25
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	4,488.36	-662 Ordinary Shares	-662
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6.78	-1 Ordinary Shares	-1
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	8,241.75	-1,221 Ordinary Shares	-1,221
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	15,646.50	-2,318 Ordinary Shares	-2,318
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	811.80	-120 Ordinary Shares	-120
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,553.04	-376 Ordinary Shares	-376
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	250.49	-37 Ordinary Shares	-37
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	310.50	-46 Ordinary Shares	-46
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	759.80	-111 Ordinary Shares	-111
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	511.50	-75 Ordinary Shares	-75
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,007.99	-149 Ordinary Shares	-149
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,369.00	-200 Ordinary Shares	-200
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	500.98	-74 Ordinary Shares	-74
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	672.77	-98 Ordinary Shares	-98
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	8,927.38	-1,309 Ordinary Shares	-1,309
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,782.76	-996 Ordinary Shares	-996
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	22,720.36	-3,361 Ordinary Shares	-3,361
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,150.90	-314 Ordinary Shares	-314
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	11,648.04	-1,718 Ordinary Shares	-1,718

9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,408.48	-948 Ordinary Shares	-948
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	173.94	-26 Ordinary Shares	-26
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	246.60	-36 Ordinary Shares	-36
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,863.40	-564 Ordinary Shares	-564
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	274.20	-40 Ordinary Shares	-40
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,896.40	-573 Ordinary Shares	-573
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,302.60	-195 Ordinary Shares	-195
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,946.20	-1,020 Ordinary Shares	-1,020
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	11,645.00	-1,700 Ordinary Shares	-1,700
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	539.57	-79 Ordinary Shares	-79
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	711.38	-105 Ordinary Shares	-105
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	323.28	-48 Ordinary Shares	-48
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,127.36	-464 Ordinary Shares	-464
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,349.22	-199 Ordinary Shares	-199
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,775.14	-263 Ordinary Shares	-263
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	24,617.16	-3,599 Ordinary Shares	-3,599
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	277.98	-41 Ordinary Shares	-41
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	95.06	-14 Ordinary Shares	-14
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	5,800.32	-848 Ordinary Shares	-848
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	12,260.40	-1,803 Ordinary Shares	-1,803
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	491.29	-73 Ordinary Shares	-73
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,913.06	-578 Ordinary Shares	-578
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	59,535.78	-8,800 Ordinary Shares	-8,800
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,762.84	-996 Ordinary Shares	-996
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	664.45	-97 Ordinary Shares	-97
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	10,820.88	-1,596 Ordinary Shares	-1,596
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	143.43	-21 Ordinary Shares	-21
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	7,165.60	-1,060 Ordinary Shares	-1,060
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	358.28	-53 Ordinary Shares	-53
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	778.05	-114 Ordinary Shares	-114
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	566.06	-83 Ordinary Shares	-83
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	301.84	-44 Ordinary Shares	-44
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	597.96	-88 Ordinary Shares	-88
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	542.40	-80 Ordinary Shares	-80
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	13,450.99	-1,981 Ordinary Shares	-1,981
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	317.49	-47 Ordinary Shares	-47
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	3,776.99	-553 Ordinary Shares	-553
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,502.83	-373 Ordinary Shares	-373
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	354.12	-52 Ordinary Shares	-52
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	5,592.40	-820 Ordinary Shares	-820
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	394.69	-58 Ordinary Shares	-58
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	258.40	-38 Ordinary Shares	-38
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	12,823.72	-1,897 Ordinary Shares	-1,897
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	20.30	-3 Ordinary Shares	-3
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	162.24	-24 Ordinary Shares	-24
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	2,020.44	-298 Ordinary Shares	-298
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	5,356.72	-793 Ordinary Shares	-793
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	578.85	-85 Ordinary Shares	-85
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	10,026.37	-1,481 Ordinary Shares	-1,481
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	7,541.78	-1,114 Ordinary Shares	-1,114
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	270.80	-40 Ordinary Shares	-40
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	1,182.72	-176 Ordinary Shares	-176
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	10,247.60	-1,507 Ordinary Shares	-1,507
9/19/2018	Morgan Stanley Australia Securities Limited	Sell	6,276.90	-915 Ordinary Shares	-915
9/19/2018	Morgan Stanley & Co. International plc	Sell	865.92	-128 Ordinary Shares	-128
9/19/2018	Morgan Stanley & Co. International plc	Sell	2,240.49	-332 Ordinary Shares	-332

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
Not Applicable	Not Applicable

4. Addresses

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

Name	Address
Morgan Stanley & Co. International plc	Legal & Compliance Department, 25 Cabot Square, Canary Wharf, London, E14 4QA, UNITED KINGDOM.
Morgan Stanley Investment Management Inc.	522 5th Avenue, 6th Floor, New York, 10036, USA.
Morgan Stanley & Co. LLC	1585 Broadway, New York, 10036, USA.
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 September 21, 2018

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.

Name
Morgan Stanley
Morgan Stanley International Holdings Inc.
Morgan Stanley International Limited
Morgan Stanley Investments (UK)
Morgan Stanley & Co. International plc
Morgan Stanley International Incorporated
Morgan Stanley (Australia) Securities Holdings Pty Limited
Morgan Stanley Australia Securities Limited
Morgan Stanley Capital Management, LLC
Morgan Stanley Investment Management Inc.
Morgan Stanley Domestic Holdings, Inc.
Morgan Stanley & Co. LLC

Signature

print name Wilson Li

capacity Vice President

sign here

date September 21, 2018

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 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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.
- (5) 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.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

GUIDE

This guide does not form part of the prescribed form and is included by ASIC to assist you in completing and lodging form 605.

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 ACN or ARBN
- 3 number the pages consecutively
- 4 print or type in BLOCK letters in dark blue or black ink so that the document is clearly legible when photocopied
- 5 identify the annexure with a mark such as A, B, C, etc
- 6 endorse the annexure with the words:
This is annexure (mark) of (number) pages referred to in form (form number and title)
- 7 sign and date the annexure.

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

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

Annexure B

This is Annexure B referred to in the Form 605: Notice of ceasing to be a substantial holder issued by Morgan Stanley and its subsidiaries. The following is description of the securities lending agreements referenced in the accompanying Form 605.

Schedule	
Type of Agreement	Overseas Securities Lender's Agreement
Parties to agreement	Morgan Stanley & Co. International plc and RBC INVESTOR SERVICES TRUST
Transfer Date	20180523; 20180524;
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 CITIBANK NA
Transfer Date	20180528;
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 BLACKROCK GLOBAL FUNDS-GLOBAL SMALLCAP FUND
Transfer Date	20180719;
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 THE BANK OF NEW YORK MELLON
Transfer Date	20180503; 20180507; 20180508; 20180509; 20180510; 20180511; 20180514; 20180515; 20180517; 20180518; 20180521; 20180601; 20180605; 20180622; 20180716; 20180720; 20180725; 20180810; 20180816; 20180817; 20180820; 20180821; 20180822; 20180824; 20180828; 20180831; 20180903; 20180904; 20180910; 20180913; 20180919;
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 STATE STREET BANK AND TRUST COMPANY
Transfer Date	20180517; 20180521; 20180522; 20180524; 20180525; 20180529; 20180601; 20180604; 20180607; 20180613; 20180614; 20180618; 20180621; 20180725; 20180802; 20180810; 20180813; 20180815; 20180816; 20180822; 20180823; 20180824; 20180903; 20180904;
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	20180522; 20180718; 20180719; 20180720; 20180810; 20180815; 20180816; 20180821; 20180831;
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	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and TOTUS CAPITAL PTY LTD AS TRUSTEE FOR TOTUS ALPHA FUND
Transfer Date	20180820; 20180919;
Holder of Voting Rights	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
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	At any time the client may return to the prime broker shares which the client previously sold short.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The prime broker may require the client to return shares delivered on behalf of the client at any time.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and EQUITY TRUSTEES LIMITED AS TRUSTEE FOR L1 CAPITAL LONG SHORT FUND
Transfer Date	20180418; 20180423; 20180508; 20180509; 20180510; 20180514; 20180528; 20180704; 20180705; 20180706; 20180709; 20180716; 20180717; 20180723; 20180820; 20180821; 20180822; 20180904; 20180905; 20180906; 20180907; 20180910; 20180911; 20180912; 20180913; 20180914; 20180917; 20180918; 20180919;
Holder of Voting Rights	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
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	At any time the client may return to the prime broker shares which the client previously sold short.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The prime broker may require the client to return shares delivered on behalf of the client at any time.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and AUSBIL INVESTMENT MANAGEMENT LIMITED AS RESPONSIBLE ENTITY FOR AUSBIL GLOBAL RESOURCES FUND
Transfer Date	20180903; 20180905; 20180917;
Holder of Voting Rights	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
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	At any time the client may return to the prime broker shares which the client previously sold short.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The prime broker may require the client to return shares delivered on behalf of the client at any time.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and TOTUS ALPHA OFFSHORE FUND
Transfer Date	20180907; 20180919;
Holder of Voting Rights	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
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	At any time the client may return to the prime broker shares which the client previously sold short.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The prime broker may require the client to return shares delivered on behalf of the client at any time.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and L1 LONG SHORT FUND LIMITED
Transfer Date	20180423; 20180424; 20180426; 20180427; 20180430; 20180501; 20180502; 20180503; 20180507; 20180508; 20180509; 20180510; 20180511; 20180514; 20180515; 20180517; 20180518; 20180521; 20180522; 20180523; 20180524; 20180525; 20180528; 20180611; 20180612; 20180704; 20180705; 20180706; 20180709; 20180723; 20180820; 20180821; 20180822; 20180905; 20180906; 20180907; 20180910; 20180911; 20180912; 20180913; 20180914; 20180917; 20180918; 20180919;
Holder of Voting Rights	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
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	At any time the client may return to the prime broker shares which the client previously sold short.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The prime broker may require the client to return shares delivered on behalf of the client at any time.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

Schedule	
Type of Agreement	Master Securities Loan Agreement
Parties to agreement	Morgan Stanley & Co. LLC, MS Securities Services Inc. and CITIBANK NA
Transfer Date	20180612;
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	Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.
Does the lender have the right to recall early?	Yes/No
If yes, detail	Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	Upon the occurrence of a Default entitling the Lender to terminate all Loans, the Lender has the right to purchase a like amount of Loaned Securities, to sell any Collateral and to apply and set off the Collateral and any proceeds thereof against the payment of the purchase price for such Replacement Securities. In the event the Lender exercises such rights, the Borrower's obligation to return a like amount of the Loaned Securities shall terminate.

Schedule	
Type of Agreement	Master Securities Loan Agreement
Parties to agreement	Morgan Stanley & Co. LLC, MS Securities Services Inc. and BLACKROCK INSTITUTIONAL TRUST COMPANY, N.A.
Transfer Date	20180720; 20180725;
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 Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.	
Does the lender have the right to recall early?	Yes/No
If yes, detail Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions Upon the occurrence of a Default entitling the Lender to terminate all Loans, the Lender has the right to purchase a like amount of Loaned Securities, to sell any Collateral and to apply and set off the Collateral and any proceeds thereof against the payment of the purchase price for such Replacement Securities. In the event the Lender exercises such rights, the Borrower's obligation to return a like amount of the Loaned Securities shall terminate.	

Schedule	
Type of Agreement	Master Securities Loan Agreement
Parties to agreement	Morgan Stanley & Co. LLC, MS Securities Services Inc. and STATE STREET BANK AND TRUST COMPANY
Transfer Date	20180504; 20180507; 20180517; 20180802; 20180810; 20180814; 20180820; 20180822; 20180830; 20180903; 20180907; 20180910; 20180912; 20180913;
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 Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.	
Does the lender have the right to recall early?	Yes/No
If yes, detail Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions Upon the occurrence of a Default entitling the Lender to terminate all Loans, the Lender has the right to purchase a like amount of Loaned Securities, to sell any Collateral and to apply and set off the Collateral and any proceeds thereof against the payment of the purchase price for such Replacement Securities. In the event the Lender exercises such rights, the Borrower's obligation to return a like amount of the Loaned Securities shall terminate.	

Schedule	
Type of Agreement	Master Securities Loan Agreement
Parties to agreement	Morgan Stanley & Co. LLC, MS Securities Services Inc. and THE BANK OF NEW YORK MELLON
Transfer Date	20180419; 20180420; 20180423; 20180725; 20180820; 20180821; 20180910; 20180911; 20180912; 20180913; 20180914; 20180917; 20180918; 20180919;
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 Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.	
Does the lender have the right to recall early?	Yes/No
If yes, detail Either party may terminate a Loan on a termination date established by notice given to the other party prior to the Close of Business on a Business Day. The termination date established by a termination notice shall be a date no earlier than the standard settlement date that would apply to a purchase or sale of the Loaned Securities (in the case of a notice given by Lender) or the non-cash Collateral securing the Loan (in the case of a notice given by Borrower) entered into at the time of such notice, which date shall, unless Borrower and Lender agree to the contrary, be the third Business Day following such notice.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions Upon the occurrence of a Default entitling the Lender to terminate all Loans, the Lender has the right to purchase a like amount of Loaned Securities, to sell any Collateral and to apply and set off the Collateral and any proceeds thereof against the payment of the purchase price for such Replacement Securities. In the event the Lender exercises such rights, the Borrower's obligation to return a like amount of the Loaned Securities shall terminate.	

Schedule	
Type of Agreement	Australian Master Securities Lending Agreement
Parties to agreement	Morgan Stanley Australia Securities Limited and NATIONAL AUSTRALIA BANK LIMITED
Transfer Date	20180919;
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 shall be 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 or the equivalent time on the exchange or in the clearing organisation through which the relevant borrowed Securities were originally delivered.
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 and on the basis of the Relevant Values so established, an account shall be taken of what is due from each Party to the other and 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	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co LLC. on behalf of all Morgan Stanley entities and GEODE GLOBAL DYNAMIC MARKET NEUTRAL FUND, A SEGREGATED ACCOUNT OF GEODE CAPITAL MASTER FUND LTD
Transfer Date	20180914;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail	Morgan Stanley may return rehypothecated shares at any time.
Does the lender have the right to recall early?	Yes
If yes, detail	The customer may recall shares from Morgan Stanley at any time.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.

Schedule	
Type of Agreement	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co LLC. on behalf of all Morgan Stanley entities and BOGLE OPPORTUNITY FUND II SRI, L.P.
Transfer Date	20180919;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail	Morgan Stanley may return rehypothecated shares at any time.
Does the lender have the right to recall early?	Yes
If yes, detail	The customer may recall shares from Morgan Stanley at any time.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.

Schedule	
Type of Agreement	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co LLC. on behalf of all Morgan Stanley entities and COMPASS SAV II, LLC
Transfer Date	20180914;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail	Morgan Stanley may return rehypothecated shares at any time.
Does the lender have the right to recall early?	Yes
If yes, detail	The customer may recall shares from Morgan Stanley at any time.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.

Schedule	
Type of Agreement	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co LLC. on behalf of all Morgan Stanley entities and GEODE DIVERSIFIED FUND, A SEGREGATED ACCOUNT OF GEODE CAPITAL MASTER FUND LTD.
Transfer Date	20180914;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail	Morgan Stanley may return rehypothecated shares at any time.
Does the lender have the right to recall early?	Yes
If yes, detail	The customer may recall shares from Morgan Stanley at any time.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.

Schedule	
Type of Agreement	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co LLC. on behalf of all Morgan Stanley entities and GMO OFFSHORE MASTER PORTFOLIOS V LTD.-GMO COMPLETION FUND MASTER PORTFOLIO
Transfer Date	20180917;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail	Morgan Stanley may return rehypothecated shares at any time.
Does the lender have the right to recall early?	Yes
If yes, detail	The customer may recall shares from Morgan Stanley at any time.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.	

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 September 21, 2018



