

Disclosure of ceasing to have substantial holding

Section 279, Financial Markets Conduct Act 2013

To NZX Limited
and
To CHORUS LIMITED

Date this disclosure made: 12 November, 2019

Date last disclosure made: 1 November, 2019

Date on which substantial holding ceased: 7 November, 2019

Substantial product holder(s) giving disclosure

Full name(s): Mitsubishi UFJ Financial Group, Inc., First Sentier Investors (Australia) IM Ltd, First Sentier Investors Realindex Pty Ltd

Summary of previous substantial holding

Class of quoted voting products: Ordinary Shares (security code: NZCNU0001S2)

Summary for Mitsubishi UFJ Financial Group, Inc., First Sentier Investors (Australia) IM Ltd, First Sentier Investors Realindex Pty Ltd

For **last** disclosure,—

(a) total number held in class: 23,393,851

(b) total in class: 443,709,223

(c) total percentage held in class: 5.272%

For current holding **after** ceasing to have substantial holding,—

(a) total number held in class: 18,241,678

(b) total in class: 443,709,223

(c) total percentage held in class: 4.111%

Details of transactions and events giving rise to ceasing of substantial holding

Details of the transactions or other events requiring disclosure:

For transaction details relating to subsidiaries of Mitsubishi UFJ Financial Group, Inc. see Annexure A.

For transaction details relating to the Morgan Stanley group see Annexure C.

Additional information

Address(es) of substantial product holder(s):

Mitsubishi UFJ Financial Group, Inc. – 2-7-1, Marunouchi, Chiyoda-ku, Tokyo 100-8330, Japan

First Sentier Investors (Australia) IM Ltd - Level 5, Tower Three International Towers Sydney, 300 Barangaroo Avenue, Barangaroo NSW 2000, Australia

First Sentier Investors Realindex Pty Ltd - Level 5, Tower Three International Towers Sydney, 300 Barangaroo Avenue, Barangaroo NSW 2000, Australia

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Nature of connection between substantial product holders: First Sentier Investors (Australia) IM Ltd and First Sentier Investors Realindex Pty Ltd are wholly-owned subsidiary of Mitsubishi UFJ Financial Group, Inc.

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Financial Markets Conduct Act 2013 in relation to the financial products to which this disclosure relates: Not applicable

Certification

I, Mariko Onda, certify that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.

Annexure A

Transaction details for subsidiaries of Mitsubishi UFJ Financial Group, Inc.

Date of Transaction	Holder of Relevant Interest	Transaction Nature	Consideration	Class and number of securities
11/6/2019	First SentierInvestors Realindex Pty Ltd	Sell	529,809.16(AUD)	108,078 Ordinary Shares
11/7/2019	First SentierInvestors Realindex Pty Ltd	Buy	11,611.32 (AUD)	2,404 Ordinary Shares

Annexure B

Relevant interests held in the Morgan Stanley group

List of Morgan Stanley and its subsidiaries that have a relevant interest or are deemed to have a relevant interest in the shares.

Name
└─ Morgan Stanley
└─ Morgan Stanley Capital Management, LLC
└─ Morgan Stanley Domestic Holdings, Inc.
└─ Morgan Stanley & Co. LLC
└─ Morgan Stanley Capital Services LLC
└─ Morgan Stanley Smith Barney LLC
└─ Morgan Stanley Wealth Management Australia Pty Ltd
└─ Morgan Stanley Investment Management Inc.
└─ Morgan Stanley International Holdings Inc.
└─ Morgan Stanley (Australia) Securities Holdings Pty Limited
└─ Morgan Stanley Australia Securities Limited
└─ Morgan Stanley International Limited
└─ Morgan Stanley Investments (UK)
└─ Morgan Stanley & Co. International plc

Annexure C
Transaction details for the Morgan Stanley group

Date of Transaction	Holder of Relevant Interest	Transaction Nature	Consideration	Class and number of securities
10/30/2019	Morgan Stanley & Co. International plc	Buy	1,126.04 (AUD)	227 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Buy	8,448.89 (AUD)	1,706 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Buy	N/A	2,902 Swaps
10/30/2019	Morgan Stanley & Co. International plc	Buy	N/A	4,283 Swaps
10/30/2019	Morgan Stanley & Co. International plc	Collateral Received	N/A	4 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	303,030 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Sell	3,050.58 (AUD)	616 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Sell	48,363.79	9,011 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Sell	6,524.35 (AUD)	1,317 Ordinary Shares
10/30/2019	Morgan Stanley & Co. International plc	Sell	N/A	6,503 Swaps
10/30/2019	Morgan Stanley & Co. LLC	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	1,340 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,316.70 (AUD)	266 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,631.84 (AUD)	329 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,643.42 (AUD)	331 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,767.90 (AUD)	355 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,792.80 (AUD)	360 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	1,922.70 (AUD)	390 Ordinary Shares

10/30/2019	Morgan Stanley Australia Securities Limited	Buy	12,261.08 (AUD)	2,482 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	14,400.10 (AUD)	2,915 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	2,031.16 (AUD)	412 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	2,316.86 (AUD)	469 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	2,489.52 (AUD)	506 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	2,678.83 (AUD)	539 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	20,189.78 (AUD)	4,087 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	3,050.58 (AUD)	616 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	3,374.63 (AUD)	679 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	3,392.64 (AUD)	684 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	3,409.42 (AUD)	686 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	300.73 (AUD)	61 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	306.90 (AUD)	62 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	327.69 (AUD)	66 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	381.92 (AUD)	77 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	385.32 (AUD)	78 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	4,230.88 (AUD)	853 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	4,551.72 (AUD)	914 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	4,984.46 (AUD)	1,009 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	411.68 (AUD)	83 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	472.15 (AUD)	95 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	487.06 (AUD)	98 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	49.35 (AUD)	10 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	545.60 (AUD)	110 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	6,192.62 (AUD)	1,246 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	6,524.35 (AUD)	1,317 Ordinary Shares

10/30/2019	Morgan Stanley Australia Securities Limited	Buy	729.64 (AUD)	148 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	74.10 (AUD)	15 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	754.29 (AUD)	153 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	778.72 (AUD)	157 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Buy	8,686.66 (AUD)	1,762 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,126.04 (AUD)	227 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,180.48 (AUD)	238 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,328.86 (AUD)	269 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,356.81 (AUD)	273 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	1,376.10 (AUD)	278 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	10,062.78 (AUD)	2,037 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	10,709.92 (AUD)	2,168 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	10,910.09 (AUD)	2,213 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	11,996.06 (AUD)	2,421 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	116,466.32 (AUD)	23,624 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	128.44 (AUD)	26 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	184.08 (AUD)	37 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	19,034.30 (AUD)	3,857 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	19.92 (AUD)	4 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,112.96 (AUD)	426 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,166.30 (AUD)	435 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,432.91 (AUD)	491 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,504.58 (AUD)	507 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	2,876.80 (AUD)	580 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	3,116.19 (AUD)	627 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	3,176.42 (AUD)	643 Ordinary Shares

10/30/2019	Morgan Stanley Australia Securities Limited	Sell	3,230.50 (AUD)	650 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	3,618.62 (AUD)	734 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	3,663.00 (AUD)	740 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	3,861.69 (AUD)	777 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	301.65 (AUD)	61 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	34.58 (AUD)	7 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	34.65 (AUD)	7 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	381.92 (AUD)	77 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	385.32 (AUD)	78 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	39.68 (AUD)	8 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	4,052.46 (AUD)	822 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	4,860.58 (AUD)	977 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	4,984.46 (AUD)	1,009 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	43,421.40 (AUD)	8,772 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	44.64 (AUD)	9 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	468.35 (AUD)	95 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	5,038.80 (AUD)	1,020 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	5,390.55 (AUD)	1,089 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	595.20 (AUD)	120 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	6,662.70 (AUD)	1,346 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	669.60 (AUD)	135 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	696,666.04 (AUD)	141,524 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	7,036.10 (AUD)	1,420 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	7,432.34 (AUD)	1,503 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	73.80 (AUD)	15 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	8,448.89 (AUD)	1,706 Ordinary Shares

10/30/2019	Morgan Stanley Australia Securities Limited	Sell	815.10 (AUD)	165 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	839.80 (AUD)	170 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	9,647.93 (AUD)	1,955 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	9,716.35 (AUD)	1,955 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	926.28 (AUD)	186 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	94.05 (AUD)	19 Ordinary Shares
10/30/2019	Morgan Stanley Australia Securities Limited	Sell	98,777.25 (AUD)	19,955 Ordinary Shares
10/30/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,454 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,516 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Sell	N/A	1,121 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Sell	N/A	1,218 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Sell	N/A	178 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Sell	N/A	4,698 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Sell	N/A	565 Swaps
10/30/2019	Morgan Stanley Capital Services LLC	Sell	N/A	6,213 Swaps
10/31/2019	Morgan Stanley & Co. International plc	Buy	N/A	1,292 Swaps
10/31/2019	Morgan Stanley & Co. International plc	Buy	N/A	6,479 Swaps
10/31/2019	Morgan Stanley & Co. International plc	Collateral Returned	N/A	5 Ordinary Shares
10/31/2019	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	3,660,250 Ordinary Shares
10/31/2019	Morgan Stanley & Co. International plc	Sell	37,959.43	7,181 Ordinary Shares
10/31/2019	Morgan Stanley & Co. International plc	Sell	N/A	1,518 Swaps
10/31/2019	Morgan Stanley & Co. International plc	Sell	N/A	30,658 Swaps
10/31/2019	Morgan Stanley & Co. LLC	Decrease in shares held or in respect of	N/A	39,751 Ordinary Shares

		which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	1,193.13 (AUD)	243 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	1,379.00 (AUD)	280 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	1,430.27 (AUD)	291 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	1,451.40 (AUD)	295 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	11,216.10 (AUD)	2,289 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	163.68 (AUD)	33 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	2,113.04 (AUD)	433 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	2,366.76 (AUD)	484 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	2,575.36 (AUD)	512 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	298.29 (AUD)	61 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	3,586.44 (AUD)	726 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	3,990.12 (AUD)	811 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	30,474.48 (AUD)	6,232 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	33,501.20 (AUD)	6,865 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	333.88 (AUD)	68 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	347.55 (AUD)	71 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	39.36 (AUD)	8 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	4,401.76 (AUD)	902 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	4,584.90 (AUD)	930 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	4.90 (AUD)	1 Ordinary Share
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	4.95 (AUD)	1 Ordinary Share
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	416.93 (AUD)	85 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	49.30 (AUD)	10 Ordinary Shares

10/31/2019	Morgan Stanley Australia Securities Limited	Buy	5,408.34 (AUD)	1,106 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	5,469.74 (AUD)	1,114 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	54.01 (AUD)	11 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	58.98 (AUD)	12 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	6,927.36 (AUD)	1,408 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	65,274.88 (AUD)	13,376 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	688.08 (AUD)	141 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	691.60 (AUD)	140 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	725.20 (AUD)	148 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	733.50 (AUD)	150 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	9,500.85 (AUD)	1,935 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	9.81 (AUD)	2 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Buy	995.86 (AUD)	202 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,078.48 (AUD)	221 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,111.92 (AUD)	226 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,122.40 (AUD)	230 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,173.49 (AUD)	239 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,264.44 (AUD)	257 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,476.78 (AUD)	302 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,656.20 (AUD)	338 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,679.60 (AUD)	340 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,865.80 (AUD)	380 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	1,866.13 (AUD)	371 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	10,140.64 (AUD)	2,078 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	117.84 (AUD)	24 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	16,825.05 (AUD)	3,399 Ordinary Shares

10/31/2019	Morgan Stanley Australia Securities Limited	Sell	196.00 (AUD)	40 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,028.64 (AUD)	409 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,140.20 (AUD)	435 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,147.68 (AUD)	433 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,241.00 (AUD)	450 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,272.73 (AUD)	461 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,366.76 (AUD)	484 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,393.27 (AUD)	483 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,454.78 (AUD)	502 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,607.60 (AUD)	530 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	2,750.99 (AUD)	562 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	245.50 (AUD)	50 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	25,586.55 (AUD)	5,169 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	273.84 (AUD)	56 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	275.80 (AUD)	56 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	287.92 (AUD)	59 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	29,331.40 (AUD)	5,986 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	3,266.52 (AUD)	668 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	3,386.72 (AUD)	694 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	3,416.00 (AUD)	700 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	3,649.10 (AUD)	747 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	313.60 (AUD)	64 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	314.24 (AUD)	64 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	333.20 (AUD)	68 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	4,244.52 (AUD)	868 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	401.39 (AUD)	82 Ordinary Shares

10/31/2019	Morgan Stanley Australia Securities Limited	Sell	434.32 (AUD)	89 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	450.80 (AUD)	92 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	459.19 (AUD)	94 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	49.30 (AUD)	10 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	495.91 (AUD)	101 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	5,261.38 (AUD)	1,046 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	5,703.60 (AUD)	1,164 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	5,720.15 (AUD)	1,165 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	5,924.32 (AUD)	1,214 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	53.90 (AUD)	11 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	557.46 (AUD)	114 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	59.16 (AUD)	12 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	6,273.87 (AUD)	1,283 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	6,968.64 (AUD)	1,428 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	637.00 (AUD)	130 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	691.60 (AUD)	140 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	697.84 (AUD)	143 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	7,601.40 (AUD)	1,545 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	736.88 (AUD)	151 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	738.00 (AUD)	150 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	738.39 (AUD)	151 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	745.50 (AUD)	150 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	751.50 (AUD)	150 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	780.69 (AUD)	159 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	83.47 (AUD)	17 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	844.24 (AUD)	173 Ordinary Shares

10/31/2019	Morgan Stanley Australia Securities Limited	Sell	883.80 (AUD)	180 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	893.62 (AUD)	182 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	9,080.23 (AUD)	1,855 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	9,092.16 (AUD)	1,848 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	9,951.15 (AUD)	2,035 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	9.78 (AUD)	2 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	907.68 (AUD)	186 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	925.30 (AUD)	190 Ordinary Shares
10/31/2019	Morgan Stanley Australia Securities Limited	Sell	980.00 (AUD)	200 Ordinary Shares
10/31/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,046 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,299 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Buy	N/A	2,716 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Buy	N/A	215 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Buy	N/A	4,495 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Buy	N/A	6,660 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Sell	N/A	146 Swaps
10/31/2019	Morgan Stanley Capital Services LLC	Sell	N/A	945 Swaps
11/01/2019	Morgan Stanley & Co. International plc	Borrow	N/A	15,000 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Buy	162.20 (AUD)	33 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Buy	8,602.13 (AUD)	1,748 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Buy	N/A	1,431 Swaps
11/01/2019	Morgan Stanley & Co. International plc	Buy	N/A	425 Swaps
11/01/2019	Morgan Stanley & Co. International plc	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	264,495 Ordinary Shares

11/01/2019	Morgan Stanley & Co. International plc	Sell	1,160.31 (AUD)	236 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Sell	2,168.20 (AUD)	440 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Sell	339.14 (AUD)	69 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Sell	5,096.68 (AUD)	1,036 Ordinary Shares
11/01/2019	Morgan Stanley & Co. International plc	Sell	N/A	1,499 Swaps
11/01/2019	Morgan Stanley & Co. International plc	Sell	N/A	19,957 Swaps
11/01/2019	Morgan Stanley & Co. LLC	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	258 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,007.58 (AUD)	205 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,017.41 (AUD)	207 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,036.68 (AUD)	212 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,056.73 (AUD)	215 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,064.88 (AUD)	216 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,160.31 (AUD)	236 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,373.40 (AUD)	280 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,568.00 (AUD)	320 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,620.25 (AUD)	331 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,816.70 (AUD)	370 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	1,853.31 (AUD)	379 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	10,068.51 (AUD)	2,059 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	127.14 (AUD)	26 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	13,074.36 (AUD)	2,652 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	132.57 (AUD)	27 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	177.30 (AUD)	36 Ordinary Shares

11/01/2019	Morgan Stanley Australia Securities Limited	Buy	181.30 (AUD)	37 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	2,168.20 (AUD)	440 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	2,282.88 (AUD)	464 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	2,533.30 (AUD)	517 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	2,767.85 (AUD)	562 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	2,822.40 (AUD)	576 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	21,186.65 (AUD)	4,315 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	3,166.95 (AUD)	645 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	3,168.72 (AUD)	648 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	3,404.64 (AUD)	692 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	3,988.37 (AUD)	809 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	305.04 (AUD)	62 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	339.14 (AUD)	69 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	4,250.88 (AUD)	864 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	4,762.38 (AUD)	966 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	43,320.90 (AUD)	8,841 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	432.96 (AUD)	88 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	462.48 (AUD)	94 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	467.40 (AUD)	95 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	488.00 (AUD)	100 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	488.07 (AUD)	99 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	5,096.68 (AUD)	1,036 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	503.67 (AUD)	103 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	510.12 (AUD)	104 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	515.55 (AUD)	105 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	545.57 (AUD)	111 Ordinary Shares

11/01/2019	Morgan Stanley Australia Securities Limited	Buy	558.60 (AUD)	114 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	6,918.19 (AUD)	1,409 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	63.96 (AUD)	13 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	645.48 (AUD)	132 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	693.72 (AUD)	141 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	746.32 (AUD)	152 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	831.48 (AUD)	169 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Buy	9,667.28 (AUD)	1,981 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	1,002.45 (AUD)	205 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	1,066.56 (AUD)	217 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	1,215.12 (AUD)	249 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	1,339.86 (AUD)	274 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	1,568.00 (AUD)	320 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	1,726.17 (AUD)	353 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	107.80 (AUD)	22 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	117.36 (AUD)	24 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	12,196.82 (AUD)	2,474 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	127.14 (AUD)	26 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	13,192.68 (AUD)	2,676 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	132.57 (AUD)	27 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	162.20 (AUD)	33 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	19.74 (AUD)	4 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	2,095.25 (AUD)	425 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	2,822.40 (AUD)	576 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	221.63 (AUD)	45 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	29.31 (AUD)	6 Ordinary Shares

11/01/2019	Morgan Stanley Australia Securities Limited	Sell	29.58 (AUD)	6 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	34.41 (AUD)	7 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	4,635.04 (AUD)	944 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	4,762.38 (AUD)	966 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	4.89 (AUD)	1 Ordinary Share
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	469.44 (AUD)	96 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	5,777.10 (AUD)	1,179 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	503.67 (AUD)	103 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	540.10 (AUD)	110 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	6,608.86 (AUD)	1,346 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	7,488.24 (AUD)	1,522 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	733.50 (AUD)	150 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	738.39 (AUD)	151 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	757.68 (AUD)	154 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	78,909.60 (AUD)	16,170 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	8,432.64 (AUD)	1,728 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	8,602.13 (AUD)	1,748 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	862.75 (AUD)	175 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	9,026.94 (AUD)	1,846 Ordinary Shares
11/01/2019	Morgan Stanley Australia Securities Limited	Sell	9,421.23 (AUD)	1,911 Ordinary Shares
11/01/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,911 Swaps
11/01/2019	Morgan Stanley Capital Services LLC	Sell	N/A	3,224 Swaps
11/01/2019	Morgan Stanley Capital Services LLC	Sell	N/A	509 Swaps
11/01/2019	Morgan Stanley Capital Services LLC	Sell	N/A	6,876 Swaps
11/04/2019	Morgan Stanley & Co. International plc	Buy	16,457.93 (AUD)	3,293 Ordinary Shares
11/04/2019	Morgan Stanley & Co. International plc	Buy	64,549.21 (AUD)	12,910 Ordinary Shares

11/04/2019	Morgan Stanley & Co. International plc	Buy	N/A	1,193 Swaps
11/04/2019	Morgan Stanley & Co. International plc	Buy	N/A	13,649 Swaps
11/04/2019	Morgan Stanley & Co. International plc	Collateral Returned	N/A	1 Ordinary Share
11/04/2019	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	325,553 Ordinary Shares
11/04/2019	Morgan Stanley & Co. International plc	Sell	789.36	148 Ordinary Shares
11/04/2019	Morgan Stanley & Co. International plc	Sell	N/A	3,003 Swaps
11/04/2019	Morgan Stanley & Co. LLC	Borrow	N/A	19,367 Ordinary Shares
11/04/2019	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	40,009 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	1,036.04 (AUD)	207 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	1,037.92 (AUD)	208 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	1,341.90 (AUD)	270 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	1,701.59 (AUD)	341 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	15,220.00 (AUD)	3,044 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	19,685.00 (AUD)	3,937 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	19.92 (AUD)	4 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	2,878.44 (AUD)	578 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	200.00 (AUD)	40 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	215.00 (AUD)	43 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	219.56 (AUD)	44 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	234.06 (AUD)	47 Ordinary Shares

11/04/2019	Morgan Stanley Australia Securities Limited	Buy	258.96 (AUD)	52 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	3,550.00 (AUD)	710 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	322.40 (AUD)	65 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	34.86 (AUD)	7 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	352.87 (AUD)	71 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	4,090.91 (AUD)	819 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	4,315.00 (AUD)	863 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	4,331.32 (AUD)	868 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	4,586.20 (AUD)	920 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	423.30 (AUD)	85 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	44.82 (AUD)	9 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	44.87 (AUD)	9 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	480.00 (AUD)	96 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	5,099.78 (AUD)	1,022 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	6,375.82 (AUD)	1,279 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	6,510.00 (AUD)	1,302 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	65.00 (AUD)	13 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	7,490.00 (AUD)	1,498 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	74.85 (AUD)	15 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	8,570.58 (AUD)	1,721 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Buy	8,944.08 (AUD)	1,796 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	1,292.41 (AUD)	259 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	1,488.00 (AUD)	300 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	1,680.00 (AUD)	336 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	1,832.64 (AUD)	368 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	1,987.02 (AUD)	399 Ordinary Shares

11/04/2019	Morgan Stanley Australia Securities Limited	Sell	1,996.00 (AUD)	400 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	10,213.35 (AUD)	2,055 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	10,535.04 (AUD)	2,124 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	106.26 (AUD)	21 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	114.77 (AUD)	23 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	2,049.09 (AUD)	409 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	2,470.09 (AUD)	497 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	2,499.99 (AUD)	501 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	2,891.68 (AUD)	583 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	25,695.00 (AUD)	5,139 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	3,473.04 (AUD)	696 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	3,638.04 (AUD)	732 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	38,245.00 (AUD)	7,649 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	4,840.30 (AUD)	970 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	44.82 (AUD)	9 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	5,673.63 (AUD)	1,137 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	5,935.00 (AUD)	1,187 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	570.00 (AUD)	114 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	6,050.00 (AUD)	1,210 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	614.39 (AUD)	123 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	627.44 (AUD)	124 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	7,068.00 (AUD)	1,425 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	7,445.10 (AUD)	1,495 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	747.00 (AUD)	150 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	8,222.50 (AUD)	1,625 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	966.12 (AUD)	194 Ordinary Shares

11/04/2019	Morgan Stanley Australia Securities Limited	Sell	994.00 (AUD)	200 Ordinary Shares
11/04/2019	Morgan Stanley Australia Securities Limited	Sell	995.00 (AUD)	199 Ordinary Shares
11/04/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,011 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,625 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Buy	N/A	9 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Buy	N/A	915 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Sell	N/A	6,796 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Sell	N/A	710 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Sell	N/A	863 Swaps
11/04/2019	Morgan Stanley Capital Services LLC	Sell	N/A	9 Swaps
11/05/2019	Morgan Stanley & Co. International plc	Borrow Returned	N/A	18,175 Ordinary Shares
11/05/2019	Morgan Stanley & Co. International plc	Buy	1,884.63 (AUD)	377 Ordinary Shares
11/05/2019	Morgan Stanley & Co. International plc	Buy	2,012.86 (AUD)	403 Ordinary Shares
11/05/2019	Morgan Stanley & Co. International plc	Buy	N/A	3,202 Swaps
11/05/2019	Morgan Stanley & Co. International plc	Buy	N/A	917 Swaps
11/05/2019	Morgan Stanley & Co. International plc	Collateral Received	N/A	10 Ordinary Shares
11/05/2019	Morgan Stanley & Co. International plc	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	3,007,251 Ordinary Shares
11/05/2019	Morgan Stanley & Co. International plc	Sell	120.72 (AUD)	24 Ordinary Shares
11/05/2019	Morgan Stanley & Co. International plc	Sell	N/A	18,238 Swaps
11/05/2019	Morgan Stanley & Co. International plc	Sell	N/A	461 Swaps
11/05/2019	Morgan Stanley & Co. LLC	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the	N/A	40,345 Ordinary Shares

		agreement(s)		
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,055.00 (AUD)	211 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,102.67 (AUD)	219 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,202.59 (AUD)	241 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,237.38 (AUD)	246 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,397.79 (AUD)	279 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,508.94 (AUD)	303 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	1,751.49 (AUD)	351 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	10,648.51 (AUD)	2,117 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	10,683.72 (AUD)	2,124 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	100.60 (AUD)	20 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	11,015.70 (AUD)	2,190 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	120.00 (AUD)	24 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	15,863.21 (AUD)	3,179 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	159.68 (AUD)	32 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	179.28 (AUD)	36 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	2,308.77 (AUD)	459 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	2,921.21 (AUD)	586 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	2,942.55 (AUD)	585 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	226.35 (AUD)	45 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	235.00 (AUD)	47 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	250.00 (AUD)	50 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	253.22 (AUD)	51 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	29.94 (AUD)	6 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	293.82 (AUD)	59 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	3,433.68 (AUD)	684 Ordinary Shares

11/05/2019	Morgan Stanley Australia Securities Limited	Buy	3,592.17 (AUD)	717 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	30,726.60 (AUD)	6,170 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	306.83 (AUD)	61 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	314.06 (AUD)	63 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	318.72 (AUD)	64 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	462.68 (AUD)	93 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	465.00 (AUD)	93 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	5,688.93 (AUD)	1,131 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	5.04 (AUD)	1 Ordinary Share
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	585.22 (AUD)	116 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	6,032.88 (AUD)	1,197 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	6,104.33 (AUD)	1,227 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	6,792.06 (AUD)	1,353 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	655.66 (AUD)	131 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	7,044.06 (AUD)	1,406 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Buy	945.00 (AUD)	189 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,195.00 (AUD)	239 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,220.10 (AUD)	245 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,220.10 (AUD)	245 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,269.90 (AUD)	255 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,385.00 (AUD)	277 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,503.00 (AUD)	300 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	1,751.49 (AUD)	351 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	10,511.88 (AUD)	2,094 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	13,274.17 (AUD)	2,639 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	15.03 (AUD)	3 Ordinary Shares

11/05/2019	Morgan Stanley Australia Securities Limited	Sell	2,125.00 (AUD)	425 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	2,267.45 (AUD)	449 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	2,679.24 (AUD)	538 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	226.35 (AUD)	45 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	270.54 (AUD)	54 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	287.85 (AUD)	57 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	288.84 (AUD)	58 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	3,311.61 (AUD)	661 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	3,365.07 (AUD)	669 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	3,948.55 (AUD)	785 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	300.00 (AUD)	60 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	4,301.38 (AUD)	862 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	4,482.00 (AUD)	900 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	4,612.51 (AUD)	917 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	444.40 (AUD)	88 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	5,474.20 (AUD)	1,084 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	552.20 (AUD)	110 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	6,330.24 (AUD)	1,256 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	607.42 (AUD)	121 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	616.28 (AUD)	124 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	643.71 (AUD)	129 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	651.30 (AUD)	130 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	7,325.00 (AUD)	1,465 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	7,919.13 (AUD)	1,587 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	753.00 (AUD)	150 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	754.50 (AUD)	150 Ordinary Shares

11/05/2019	Morgan Stanley Australia Securities Limited	Sell	758.48 (AUD)	152 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	8,510.76 (AUD)	1,692 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	85.85 (AUD)	17 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	868.26 (AUD)	174 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	887.04 (AUD)	176 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	9,591.12 (AUD)	1,903 Ordinary Shares
11/05/2019	Morgan Stanley Australia Securities Limited	Sell	951.62 (AUD)	189 Ordinary Shares
11/05/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,152 Swaps
11/05/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,410 Swaps
11/05/2019	Morgan Stanley Capital Services LLC	Buy	N/A	3,526 Swaps
11/05/2019	Morgan Stanley Capital Services LLC	Buy	N/A	426 Swaps
11/05/2019	Morgan Stanley Capital Services LLC	Sell	N/A	3,396 Swaps
11/05/2019	Morgan Stanley Capital Services LLC	Sell	N/A	581 Swaps
11/05/2019	Morgan Stanley Capital Services LLC	Sell	N/A	585 Swaps
11/06/2019	Morgan Stanley & Co. International plc	Borrow	N/A	14,649 Ordinary Shares
11/06/2019	Morgan Stanley & Co. International plc	Buy	504.39 (AUD)	102 Ordinary Shares
11/06/2019	Morgan Stanley & Co. International plc	Buy	N/A	149 Swaps
11/06/2019	Morgan Stanley & Co. International plc	Buy	N/A	2,985 Swaps
11/06/2019	Morgan Stanley & Co. International plc	Buy	N/A	50 Swaps
11/06/2019	Morgan Stanley & Co. International plc	Collateral Received	N/A	6,706 Ordinary Shares
11/06/2019	Morgan Stanley & Co. International plc	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	901,823 Ordinary Shares
11/06/2019	Morgan Stanley & Co. International plc	Sell	504.39 (AUD)	102 Ordinary Shares
11/06/2019	Morgan Stanley & Co. International plc	Sell	N/A	25,412 Swaps

11/06/2019	Morgan Stanley & Co. International plc	Sell	N/A	3,970 Swaps
11/06/2019	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	40,345 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,052.89 (AUD)	211 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,091.74 (AUD)	221 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,395.68 (AUD)	286 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,407.43 (AUD)	289 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,556.47 (AUD)	317 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,669.72 (AUD)	338 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,683.60 (AUD)	345 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,821.61 (AUD)	371 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	1,986.79 (AUD)	403 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	10,118.92 (AUD)	2,036 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	11,111.33 (AUD)	2,263 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	12,686.35 (AUD)	2,605 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	13,668.88 (AUD)	2,801 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	14.85 (AUD)	3 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	16,626.00 (AUD)	3,400 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	17,176.38 (AUD)	3,477 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	19.64 (AUD)	4 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	2,157.60 (AUD)	435 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	2,621.04 (AUD)	536 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	2,715.84 (AUD)	552 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	2,880.90 (AUD)	582 Ordinary Shares

11/06/2019	Morgan Stanley Australia Securities Limited	Buy	2,898.84 (AUD)	588 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	211.56 (AUD)	43 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	23,877.66 (AUD)	4,766 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	24,676.29 (AUD)	5,067 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	288.26 (AUD)	58 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	30,724.83 (AUD)	6,309 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	364.08 (AUD)	74 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	5,125.73 (AUD)	1,045 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	5,531.04 (AUD)	1,104 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	5,882.18 (AUD)	1,198 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	504.39 (AUD)	102 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	6,171.43 (AUD)	1,238 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	78.72 (AUD)	16 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	797.04 (AUD)	162 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	8,099.99 (AUD)	1,643 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Buy	856.08 (AUD)	174 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,039.44 (AUD)	213 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,050.74 (AUD)	214 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,104.75 (AUD)	225 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,113.75 (AUD)	225 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,232.50 (AUD)	250 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,282.82 (AUD)	261 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,308.72 (AUD)	266 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,407.43 (AUD)	289 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,720.57 (AUD)	349 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	1,862.38 (AUD)	377 Ordinary Shares

11/06/2019	Morgan Stanley Australia Securities Limited	Sell	10,285.44 (AUD)	2,112 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	11,553.60 (AUD)	2,320 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	143.12 (AUD)	29 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	173.60 (AUD)	35 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	19.64 (AUD)	4 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,073.28 (AUD)	418 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,098.80 (AUD)	424 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,131.30 (AUD)	431 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,152.54 (AUD)	442 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,343.48 (AUD)	472 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,361.60 (AUD)	480 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,371.68 (AUD)	486 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,653.56 (AUD)	546 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,682.42 (AUD)	543 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,855.32 (AUD)	578 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,900.79 (AUD)	579 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	2,955.82 (AUD)	602 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	20,653.67 (AUD)	4,241 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	231.95 (AUD)	47 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	24.65 (AUD)	5 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	243.50 (AUD)	50 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	255.32 (AUD)	52 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	277.02 (AUD)	57 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	288.26 (AUD)	58 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	29.82 (AUD)	6 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	3,298.40 (AUD)	665 Ordinary Shares

11/06/2019	Morgan Stanley Australia Securities Limited	Sell	302.25 (AUD)	62 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	321.10 (AUD)	65 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	365.19 (AUD)	74 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	4,948.32 (AUD)	1,014 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	448.96 (AUD)	92 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	457.31 (AUD)	94 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	46,469.54 (AUD)	9,542 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	468.00 (AUD)	96 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	504.39 (AUD)	102 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	531.36 (AUD)	108 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	554.40 (AUD)	112 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	6,851.78 (AUD)	1,387 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	630.81 (AUD)	129 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	673.20 (AUD)	136 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	69.23 (AUD)	14 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	695.80 (AUD)	142 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	7,320.33 (AUD)	1,497 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	7,952.78 (AUD)	1,605 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	709.28 (AUD)	143 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	727.12 (AUD)	149 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	770.87 (AUD)	157 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	78.72 (AUD)	16 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	8,317.54 (AUD)	1,694 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	817.32 (AUD)	168 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	820.81 (AUD)	167 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	856.08 (AUD)	174 Ordinary Shares

11/06/2019	Morgan Stanley Australia Securities Limited	Sell	869.94 (AUD)	179 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	889.98 (AUD)	182 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	9,313.59 (AUD)	1,859 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	9.77 (AUD)	2 Ordinary Shares
11/06/2019	Morgan Stanley Australia Securities Limited	Sell	946.72 (AUD)	194 Ordinary Shares
11/06/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,711 Swaps
11/06/2019	Morgan Stanley Capital Services LLC	Buy	N/A	10,217 Swaps
11/06/2019	Morgan Stanley Capital Services LLC	Buy	N/A	2,079 Swaps
11/06/2019	Morgan Stanley Capital Services LLC	Buy	N/A	4,021 Swaps
11/06/2019	Morgan Stanley Capital Services LLC	Sell	N/A	1,410 Swaps
11/06/2019	Morgan Stanley Capital Services LLC	Sell	N/A	2,605 Swaps
11/07/2019	Morgan Stanley & Co. International plc	Buy	2,084.14 (AUD)	431 Ordinary Shares
11/07/2019	Morgan Stanley & Co. International plc	Buy	N/A	100 Swaps
11/07/2019	Morgan Stanley & Co. International plc	Buy	N/A	3,868 Swaps
11/07/2019	Morgan Stanley & Co. International plc	Collateral Received	N/A	4,797 Ordinary Shares
11/07/2019	Morgan Stanley & Co. International plc	Decrease in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	4,134,117 Ordinary Shares
11/07/2019	Morgan Stanley & Co. International plc	Sell	2,084.14 (AUD)	431 Ordinary Shares
11/07/2019	Morgan Stanley & Co. International plc	Sell	82,081.56 (AUD)	16,959 Ordinary Shares
11/07/2019	Morgan Stanley & Co. International plc	Sell	N/A	2,734 Swaps
11/07/2019	Morgan Stanley & Co. International plc	Sell	N/A	36,635 Swaps
11/07/2019	Morgan Stanley & Co. International plc	Sell	N/A	629 Swaps
11/07/2019	Morgan Stanley & Co. LLC	Borrow Returned	N/A	14,501 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	1,272.92 (AUD)	263 Ordinary Shares

11/07/2019	Morgan Stanley Australia Securities Limited	Buy	1,503.97 (AUD)	313 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	1,627.47 (AUD)	338 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	1,638.80 (AUD)	340 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	1,715.58 (AUD)	353 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	10,526.76 (AUD)	2,166 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	11,983.23 (AUD)	2,481 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	111,795.18 (AUD)	23,146 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	14,243.67 (AUD)	2,949 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	145.20 (AUD)	30 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	17,278.76 (AUD)	3,548 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	18,441.54 (AUD)	3,834 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,084.14 (AUD)	431 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,125.20 (AUD)	440 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,127.83 (AUD)	441 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,140.45 (AUD)	445 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,366.82 (AUD)	487 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,483.46 (AUD)	511 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	2,530.92 (AUD)	524 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	207.69 (AUD)	43 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	24,323.88 (AUD)	5,036 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	26,151.97 (AUD)	5,437 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	26,878.95 (AUD)	5,565 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	3,038.07 (AUD)	629 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	3,314.09 (AUD)	689 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	3,463.20 (AUD)	720 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	33,138.63 (AUD)	6,861 Ordinary Shares

11/07/2019	Morgan Stanley Australia Securities Limited	Buy	35,138.40 (AUD)	7,260 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	4,404.11 (AUD)	909 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	467.54 (AUD)	97 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	483.00 (AUD)	100 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	5,348.72 (AUD)	1,112 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	5,561.16 (AUD)	1,149 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	51,492.63 (AUD)	10,661 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	52.80 (AUD)	11 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	588.04 (AUD)	122 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	589.26 (AUD)	122 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	6,232.32 (AUD)	1,289 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	6,443.22 (AUD)	1,334 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	663.78 (AUD)	138 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	67.20 (AUD)	14 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	701.53 (AUD)	146 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	719.67 (AUD)	149 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	82,081.56 (AUD)	16,959 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	856.68 (AUD)	177 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Buy	978.46 (AUD)	203 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,032.55 (AUD)	214 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,038.45 (AUD)	215 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,062.60 (AUD)	220 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,272.01 (AUD)	262 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,638.80 (AUD)	340 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,790.80 (AUD)	370 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	1,884.62 (AUD)	391 Ordinary Shares

11/07/2019	Morgan Stanley Australia Securities Limited	Sell	112.24 (AUD)	23 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	130.68 (AUD)	27 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	18,759.80 (AUD)	3,868 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	2,084.14 (AUD)	431 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	2,272.45 (AUD)	470 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	2,503.18 (AUD)	514 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	2,773.32 (AUD)	573 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	2,952.40 (AUD)	610 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	2,952.40 (AUD)	610 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	204.96 (AUD)	42 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	207.91 (AUD)	43 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	235.20 (AUD)	48 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	24.30 (AUD)	5 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	28,371.42 (AUD)	5,874 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	3,217.32 (AUD)	662 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	3,263.63 (AUD)	675 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	3,463.20 (AUD)	720 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	3,742.96 (AUD)	767 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	4,499.88 (AUD)	924 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	4,578.12 (AUD)	942 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	4.86 (AUD)	1 Ordinary Share
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	48.40 (AUD)	10 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	53.24 (AUD)	11 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	58.14 (AUD)	12 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	6,123.13 (AUD)	1,273 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	677.60 (AUD)	140 Ordinary Shares

11/07/2019	Morgan Stanley Australia Securities Limited	Sell	763.02 (AUD)	157 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	8,174.76 (AUD)	1,689 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	9,122.22 (AUD)	1,877 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	9,978.78 (AUD)	2,066 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	9.68 (AUD)	2 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	924.44 (AUD)	191 Ordinary Shares
11/07/2019	Morgan Stanley Australia Securities Limited	Sell	981.72 (AUD)	202 Ordinary Shares
11/07/2019	Morgan Stanley Capital Services LLC	Buy	N/A	1,281 Swaps
11/07/2019	Morgan Stanley Capital Services LLC	Buy	N/A	4,598 Swaps
11/07/2019	Morgan Stanley Capital Services LLC	Sell	N/A	2,949 Swaps
11/07/2019	Morgan Stanley Capital Services LLC	Sell	N/A	404 Swaps
11/07/2019	Morgan Stanley Capital Services LLC	Sell	N/A	7,677 Swaps