

Disclosure of ceasing to have substantial holding

Section 279, Financial Markets Conduct Act 2013

To NZX Limited
and
To Chorus Ltd

Date this disclosure made: 19 September, 2022

Date last disclosure made: 9 September, 2022

Date on which substantial holding ceased: 14 September, 2022

Substantial product holder(s) giving disclosure

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

For **last** disclosure,—

(a) total number held in class: 22,357,210

(b) total in class: 446,512,440

(c) total percentage held in class: 5.007%

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

(a) total number held in class: 22,306,931

(b) total in class: 446,512,440

(c) total percentage held in class: 4.996%

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

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

Contact details: Mariko Onda, Phone: +81-3-3240-3003, E-mail:mariko_onda@mufg.jp

Nature of connection between substantial product holders: First Sentier Investors (Australia) IM Ltd and First Sentier Investors Realindex Pty Ltd are wholly-owned subsidiaries 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	Nature of Transaction	Class of Securities	Number of Securities	Cash Consideration (NZD)
07-Sep-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	14,059	112,562.24
07-Sep-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-6,178	-49,492.56
07-Sep-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	60,292	482,722.98
09-Sep-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-3,761	-29,899.95
14-Sep-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-7,846	-59,963.23

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.

Entities
└─ Morgan Stanley
└─ Morgan Stanley Capital Management, LLC
└─ Morgan Stanley Domestic Holdings, Inc.
└─ Eaton Vance Acquisitions LLC
└─ Parametric Portfolio Associates LLC
└─ ETCM Holdings, LLC
└─ E*TRADE Securities LLC
└─ Morgan Stanley & Co. LLC
└─ Morgan Stanley Capital Services LLC
└─ Morgan Stanley Investment Management Inc.
└─ Morgan Stanley Smith Barney LLC
└─ Morgan Stanley Wealth Management Australia Pty Ltd
└─ 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
7/09/2022	Morgan Stanley & Co. International plc	Borrow Returned	N/A	55,707 Ordinary Shares
7/09/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,919 Swaps
7/09/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,487 Swaps
7/09/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	35,210 Ordinary Shares
7/09/2022	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	35,210 Ordinary Shares
7/09/2022	Morgan Stanley & Co. International plc	Sell	N/A	12,057 Swaps
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,031.67 (AUD)	145 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,079.65 (AUD)	151 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,128.12 (AUD)	158 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,198.68 (AUD)	168 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,200.74 (AUD)	169 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,218.90 (AUD)	170 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,272.63 (AUD)	177 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,583.68 (AUD)	224 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,647.03 (AUD)	231 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,732.72 (AUD)	242 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,813.56 (AUD)	254 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,898.37 (AUD)	267 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	10,038.60 (AUD)	1,404 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	12,379.19 (AUD)	1,735 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	12,798.20 (AUD)	1,780 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	121.89 (AUD)	17 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	149.52 (AUD)	21 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	149.52 (AUD)	21 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	150.36 (AUD)	21 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	18,118.10 (AUD)	2,534 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,207.79 (AUD)	309 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,230.80 (AUD)	312 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,300.80 (AUD)	320 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,506.00 (AUD)	350 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,876.00 (AUD)	400 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	20,363.20 (AUD)	2,860 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	228.16 (AUD)	32 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	254.52 (AUD)	36 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	27,835.52 (AUD)	3,904 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	270.56 (AUD)	38 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	299.46 (AUD)	42 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	3,210.35 (AUD)	449 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	3,443.96 (AUD)	481 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	334.64 (AUD)	47 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	357.50 (AUD)	50 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	434.93 (AUD)	61 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,431.05 (AUD)	758 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,490.10 (AUD)	770 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	514.80 (AUD)	72 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	522.68 (AUD)	73 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	6,326.98 (AUD)	888 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	6,514.14 (AUD)	906 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	611.15 (AUD)	85 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	655.04 (AUD)	92 Ordinary Shares

7/09/2022	Morgan Stanley Australia Securities Limited	Buy	677.35 (AUD)	95 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	688.80 (AUD)	96 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	723.16 (AUD)	101 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	778.26 (AUD)	109 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	78.54 (AUD)	11 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	8,478.65 (AUD)	1,185 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	853.20 (AUD)	120 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Buy	9,132.06 (AUD)	1,279 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,226.07 (AUD)	171 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,328.97 (AUD)	186 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,423.84 (AUD)	199 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,473.93 (AUD)	206 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,625.32 (AUD)	227 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,692.18 (AUD)	237 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,725.56 (AUD)	241 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,732.72 (AUD)	242 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,818.87 (AUD)	256 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,820.16 (AUD)	256 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,875.19 (AUD)	263 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,973.40 (AUD)	276 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,989.27 (AUD)	279 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,993.74 (AUD)	282 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	100.10 (AUD)	14 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	107.17 (AUD)	15 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	11,127.15 (AUD)	1,565 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	11,990.55 (AUD)	1,677 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	120.19 (AUD)	17 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	121.89 (AUD)	17 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	14,958.74 (AUD)	2,098 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	149.52 (AUD)	21 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,074.83 (AUD)	291 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,133.00 (AUD)	300 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	200.33 (AUD)	28 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	214.04 (AUD)	30 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	214.64 (AUD)	30 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	257.40 (AUD)	36 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	28.76 (AUD)	4 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,103.10 (AUD)	434 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,344.10 (AUD)	471 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,540.78 (AUD)	498 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,609.84 (AUD)	507 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,823.44 (AUD)	537 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	334.64 (AUD)	47 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	37,459.90 (AUD)	5,210 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	383.94 (AUD)	54 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,365.59 (AUD)	611 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,385.90 (AUD)	610 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,420.60 (AUD)	620 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,723.87 (AUD)	663 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	486.52 (AUD)	68 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	5,133.66 (AUD)	719 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	555.36 (AUD)	78 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,429.36 (AUD)	903 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,449.43 (AUD)	897 Ordinary Shares

7/09/2022	Morgan Stanley Australia Securities Limited		Sell	6,514.14 (AUD)	906 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	602.28 (AUD)	84 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	611.15 (AUD)	85 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	7,055.28 (AUD)	984 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	7,497.00 (AUD)	1,050 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	736.45 (AUD)	103 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	76,063.78 (AUD)	10,595 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	76,192.43 (AUD)	10,597 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	768.42 (AUD)	108 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	778.26 (AUD)	109 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	828.24 (AUD)	116 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	9,515.64 (AUD)	1,329 Ordinary Shares
7/09/2022	Morgan Stanley Australia Securities Limited		Sell	911.36 (AUD)	128 Ordinary Shares
9/07/2022	Morgan Stanley Capital Services LLC		Buy	N/A	1,287 Swaps
9/07/2022	Morgan Stanley Capital Services LLC		Buy	N/A	10,595 Swaps
9/07/2022	Morgan Stanley Capital Services LLC		Buy	N/A	17 Swaps
9/07/2022	Morgan Stanley Capital Services LLC		Sell	N/A	309 Swaps
9/07/2022	Morgan Stanley Capital Services LLC		Sell	N/A	400 Swaps
9/07/2022	Morgan Stanley Capital Services LLC		Sell	N/A	906 Swaps
9/08/2022	Morgan Stanley & Co. International plc		Buy	N/A	1,423 Swaps
9/08/2022	Morgan Stanley & Co. International plc		Buy	N/A	3,178 Swaps
8/09/2022	Morgan Stanley & Co. International plc		Collateral Returned	N/A	8,540,829 Ordinary Shares
9/08/2022	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	8,540,829 Ordinary Shares
8/09/2022	Morgan Stanley & Co. International plc		Sell	7,453.20	942 Ordinary Shares
9/08/2022	Morgan Stanley & Co. International plc		Sell	N/A	16,426 Swaps
9/08/2022	Morgan Stanley & Co. International plc		Sell	N/A	2,679 Swaps
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,140.03 (AUD)	159 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,290.53 (AUD)	181 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,332.92 (AUD)	188 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,428.00 (AUD)	200 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,493.10 (AUD)	210 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,604.25 (AUD)	225 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,613.97 (AUD)	227 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,642.41 (AUD)	231 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,680.32 (AUD)	236 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,711.22 (AUD)	238 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,806.42 (AUD)	253 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,840.82 (AUD)	258 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,933.20 (AUD)	270 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,941.30 (AUD)	270 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	1,979.16 (AUD)	277 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	11,147.00 (AUD)	1,570 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	12,626.37 (AUD)	1,761 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	13,244.12 (AUD)	1,868 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	14.36 (AUD)	2 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	15,730.00 (AUD)	2,200 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	2,108.70 (AUD)	297 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	2,158.40 (AUD)	304 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	2,243.60 (AUD)	316 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	21.27 (AUD)	3 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	21.28 (AUD)	3 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	22,578.00 (AUD)	3,180 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	291.10 (AUD)	41 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited		Buy	3,104.32 (AUD)	436 Ordinary Shares

8/09/2022	Morgan Stanley Australia Securities Limited	Buy	30,210.49 (AUD)	4,261 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	36,875.09 (AUD)	5,201 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,327.91 (AUD)	607 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,973.58 (AUD)	701 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	49,041.53 (AUD)	6,917 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,051.64 (AUD)	711 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,147.34 (AUD)	726 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	536.25 (AUD)	75 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	56.72 (AUD)	8 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	6,006.36 (AUD)	843 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	6,964.10 (AUD)	974 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	695.31 (AUD)	98 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	744.45 (AUD)	105 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	78.15 (AUD)	11 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	78.54 (AUD)	11 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	788.10 (AUD)	111 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	789.80 (AUD)	110 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	8,132.23 (AUD)	1,147 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Buy	9,117.74 (AUD)	1,286 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,012.44 (AUD)	143 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,018.16 (AUD)	143 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,140.03 (AUD)	159 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,233.24 (AUD)	172 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,256.70 (AUD)	177 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,287.01 (AUD)	179 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,290.53 (AUD)	181 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,433.13 (AUD)	201 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,451.45 (AUD)	204 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,501.50 (AUD)	210 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,525.82 (AUD)	214 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,606.08 (AUD)	224 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,606.50 (AUD)	225 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,864.80 (AUD)	259 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	10,058.40 (AUD)	1,397 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	11,677.23 (AUD)	1,647 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	136.42 (AUD)	19 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	14,169.60 (AUD)	1,968 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	18,504.90 (AUD)	2,610 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	180.00 (AUD)	25 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	19,766.92 (AUD)	2,788 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,168.55 (AUD)	305 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,220.68 (AUD)	308 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,237.95 (AUD)	313 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,685.60 (AUD)	373 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,739.39 (AUD)	381 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	21.27 (AUD)	3 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	22,881.60 (AUD)	3,178 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	222.89 (AUD)	31 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	229.12 (AUD)	32 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	276.51 (AUD)	39 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	299.25 (AUD)	42 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,075.93 (AUD)	429 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,090.08 (AUD)	434 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,237.60 (AUD)	456 Ordinary Shares

8/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,780.00 (AUD)	525 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	342.24 (AUD)	48 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	371.80 (AUD)	52 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	375.77 (AUD)	53 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,071.06 (AUD)	567 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	40,342.10 (AUD)	5,690 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	421.26 (AUD)	59 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	481.73 (AUD)	67 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	488.92 (AUD)	68 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	5,712.00 (AUD)	800 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	523.41 (AUD)	73 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	552.86 (AUD)	77 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	56.72 (AUD)	8 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,217.93 (AUD)	877 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	644.40 (AUD)	90 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	702.90 (AUD)	99 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	8,699.43 (AUD)	1,227 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	854.40 (AUD)	120 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	854.40 (AUD)	120 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	917.19 (AUD)	129 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	917.76 (AUD)	128 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	925.60 (AUD)	130 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	941.16 (AUD)	132 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	951.40 (AUD)	134 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	969.30 (AUD)	135 Ordinary Shares
8/09/2022	Morgan Stanley Australia Securities Limited	Sell	986.90 (AUD)	139 Ordinary Shares
8/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,268 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	525 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	877 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	942 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	1,868 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	10,595 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	188 Swaps
9/09/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,870 Swaps
9/09/2022	Morgan Stanley & Co. International plc	Collateral Returned	N/A	20,497 Ordinary Shares
9/09/2022	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	20,497 Ordinary Shares
9/09/2022	Morgan Stanley & Co. International plc	Sell	N/A	11,199 Swaps
9/09/2022	Morgan Stanley & Co. International plc	Sell	N/A	13,526 Swaps
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,022.25 (AUD)	145 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,128.00 (AUD)	160 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,500.96 (AUD)	212 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	10,724.14 (AUD)	1,519 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	10,791.05 (AUD)	1,535 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	127.89 (AUD)	18 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	13,084.80 (AUD)	1,856 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	17,882.98 (AUD)	2,533 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	296.52 (AUD)	42 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	3,133.78 (AUD)	442 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	3,290.00 (AUD)	470 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	353.75 (AUD)	50 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	38,493.00 (AUD)	5,460 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,872.00 (AUD)	696 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	43,577.40 (AUD)	6,155 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	593.88 (AUD)	84 Ordinary Shares

9/09/2022	Morgan Stanley Australia Securities Limited	Buy	597.55 (AUD)	85 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	672.12 (AUD)	95 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	717.10 (AUD)	101 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	769.54 (AUD)	109 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	79,064.94 (AUD)	11,199 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	798.00 (AUD)	114 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	829.53 (AUD)	117 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Buy	930.10 (AUD)	131 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,128.00 (AUD)	160 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,181.92 (AUD)	166 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,242.50 (AUD)	175 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,283.10 (AUD)	182 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,633.00 (AUD)	230 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	10,351.80 (AUD)	1,458 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	105.45 (AUD)	15 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	14,168.28 (AUD)	2,004 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	14.09 (AUD)	2 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	14.18 (AUD)	2 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	19,492.66 (AUD)	2,761 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	190.75 (AUD)	27 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,156.35 (AUD)	305 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,304.25 (AUD)	325 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,363.42 (AUD)	335 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,405.50 (AUD)	340 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,545.31 (AUD)	359 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,612.80 (AUD)	368 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	21.09 (AUD)	3 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	239.70 (AUD)	34 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,010.35 (AUD)	427 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,881.78 (AUD)	551 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	32,723.10 (AUD)	4,635 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	347.90 (AUD)	49 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	36,665.02 (AUD)	5,186 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	403.56 (AUD)	57 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	416.54 (AUD)	59 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	438.96 (AUD)	62 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	560.90 (AUD)	79 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	593.88 (AUD)	84 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	597.55 (AUD)	85 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,039.24 (AUD)	853 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,178.12 (AUD)	872 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,479.76 (AUD)	912 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	6,870.21 (AUD)	969 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	652.28 (AUD)	92 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	656.58 (AUD)	93 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	7.07 (AUD)	1 Ordinary Share
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	707.00 (AUD)	100 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	738.40 (AUD)	104 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	77.93 (AUD)	11 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	770.63 (AUD)	109 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	775.53 (AUD)	109 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	780.45 (AUD)	110 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	788.48 (AUD)	112 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	798.00 (AUD)	114 Ordinary Shares

9/09/2022	Morgan Stanley Australia Securities Limited	Sell	826.02 (AUD)	117 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	831.90 (AUD)	118 Ordinary Shares
9/09/2022	Morgan Stanley Australia Securities Limited	Sell	857.89 (AUD)	121 Ordinary Shares
9/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	59 Swaps
9/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	109 Swaps
9/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	2,552 Swaps
9/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	3,301 Swaps
9/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	626 Swaps
12/09/2022	Morgan Stanley & Co. International plc	Buy	N/A	185 Swaps
12/09/2022	Morgan Stanley & Co. International plc	Sell	17,110.80	2,205 Ordinary Shares
12/09/2022	Morgan Stanley & Co. International plc	Sell	N/A	3,262 Swaps
12/09/2022	Morgan Stanley & Co. International plc	Sell	N/A	8,463 Swaps
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,287.12 (AUD)	186 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,332.65 (AUD)	193 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,436.23 (AUD)	208 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	11,401.50 (AUD)	1,650 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	15,686.15 (AUD)	2,257 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	165.60 (AUD)	24 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,594.40 (AUD)	376 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,959.61 (AUD)	428 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	24,993.47 (AUD)	3,617 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	25,857.22 (AUD)	3,742 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	378.95 (AUD)	55 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,233.40 (AUD)	610 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,643.70 (AUD)	673 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,899.19 (AUD)	709 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	40,147.10 (AUD)	5,810 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	475.41 (AUD)	69 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	482.30 (AUD)	70 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	526.68 (AUD)	76 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	545.10 (AUD)	79 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	545.49 (AUD)	79 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	615.43 (AUD)	89 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	686.07 (AUD)	99 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	693.00 (AUD)	100 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	7,935.00 (AUD)	1,150 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	755.37 (AUD)	109 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	77,972.44 (AUD)	11,284 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	801.56 (AUD)	116 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	820.50 (AUD)	119 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	822.88 (AUD)	119 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Buy	990.99 (AUD)	143 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,054.17 (AUD)	153 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,100.80 (AUD)	160 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,143.74 (AUD)	166 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,175.54 (AUD)	170 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,205.82 (AUD)	174 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,211.00 (AUD)	175 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,237.10 (AUD)	178 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,282.05 (AUD)	185 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,404.76 (AUD)	203 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,618.10 (AUD)	234 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	10,481.78 (AUD)	1,518 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	10,492.02 (AUD)	1,514 Ordinary Shares

12/09/2022	Morgan Stanley Australia Securities Limited	Sell	103.80 (AUD)	15 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	165.60 (AUD)	24 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	172.75 (AUD)	25 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,079.00 (AUD)	300 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,914.47 (AUD)	423 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,931.39 (AUD)	423 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	20.67 (AUD)	3 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	21,718.13 (AUD)	3,143 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	248.76 (AUD)	36 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	249.48 (AUD)	36 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	3,028.41 (AUD)	437 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	368.35 (AUD)	53 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	378.40 (AUD)	55 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	378.40 (AUD)	55 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,180.55 (AUD)	605 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	40,634.10 (AUD)	5,889 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	401.94 (AUD)	58 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	41.58 (AUD)	6 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	464.31 (AUD)	67 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	475.41 (AUD)	69 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	5,190.57 (AUD)	749 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	521.25 (AUD)	75 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	525.92 (AUD)	76 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	526.68 (AUD)	76 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	581.28 (AUD)	84 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	634.80 (AUD)	92 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	654.55 (AUD)	95 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	664.80 (AUD)	96 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	7,102.90 (AUD)	1,022 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	7,785.00 (AUD)	1,125 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	780.83 (AUD)	113 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	8,409.47 (AUD)	1,217 Ordinary Shares
12/09/2022	Morgan Stanley Australia Securities Limited	Sell	96.60 (AUD)	14 Ordinary Shares
12/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,022 Swaps
12/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	178 Swaps
12/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,205 Swaps
12/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	1,650 Swaps
12/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	116 Swaps
12/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	5,810 Swaps
12/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	813 Swaps
13/09/2022	Morgan Stanley & Co. International plc	Buy	4,257.93	551 Ordinary Shares
13/09/2022	Morgan Stanley & Co. International plc	Buy	6,198.50	805 Ordinary Shares
13/09/2022	Morgan Stanley & Co. International plc	Buy	6.94 (AUD)	1 Ordinary Share
13/09/2022	Morgan Stanley & Co. International plc	Sell	N/A	185 Swaps
13/09/2022	Morgan Stanley & Co. LLC	Buy	261.82 (AUD)	38 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,036.50 (AUD)	150 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,241.10 (AUD)	180 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,281.54 (AUD)	186 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,350.44 (AUD)	196 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,557.00 (AUD)	225 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,729.30 (AUD)	249 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	110.40 (AUD)	16 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,297.44 (AUD)	332 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,673.32 (AUD)	388 Ordinary Shares

13/09/2022	Morgan Stanley Australia Securities Limited	Buy	200.39 (AUD)	29 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	24,521.51 (AUD)	3,559 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	288.64 (AUD)	41 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	3,268.43 (AUD)	473 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,448.54 (AUD)	641 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	4,913.76 (AUD)	706 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	45,604.91 (AUD)	6,619 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,608.46 (AUD)	814 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	529.37 (AUD)	77 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	761.20 (AUD)	110 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	8,173.20 (AUD)	1,176 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	8,502.26 (AUD)	1,234 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	808.47 (AUD)	117 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Buy	884.48 (AUD)	128 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,193.70 (AUD)	173 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,275.12 (AUD)	184 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,276.96 (AUD)	184 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,385.89 (AUD)	201 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,849.37 (AUD)	269 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	10,000.54 (AUD)	1,441 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	11,895.60 (AUD)	1,724 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	110.08 (AUD)	16 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	110.56 (AUD)	16 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	13,146.21 (AUD)	1,897 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	192.92 (AUD)	28 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,499.20 (AUD)	355 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,637.84 (AUD)	379 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	200.39 (AUD)	29 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	24,521.51 (AUD)	3,559 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	29,396.16 (AUD)	4,248 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	330.72 (AUD)	48 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	4,602.52 (AUD)	668 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	614.54 (AUD)	89 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	615.88 (AUD)	89 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	639.84 (AUD)	93 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	668.81 (AUD)	97 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	7,785.70 (AUD)	1,130 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	722.80 (AUD)	104 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	737.23 (AUD)	107 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	760.65 (AUD)	110 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	790.05 (AUD)	115 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	8,965.35 (AUD)	1,305 Ordinary Shares
13/09/2022	Morgan Stanley Australia Securities Limited	Sell	83.28 (AUD)	12 Ordinary Shares
13/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,023 Swaps
13/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,130 Swaps
13/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,559 Swaps
13/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	186 Swaps
13/09/2022	Morgan Stanley Capital Services LLC	Sell	N/A	551 Swaps
14/09/2022	Morgan Stanley & Co. International plc	Buy	3,161.99	414 Ordinary Shares
14/09/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,344 Swaps
14/09/2022	Morgan Stanley & Co. LLC	Buy	17,708.98 (AUD)	2,610 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,007.98 (AUD)	149 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,414.93 (AUD)	209 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	1,502.94 (AUD)	222 Ordinary Shares

14/09/2022	Morgan Stanley Australia Securities Limited	Buy	10,153.52 (AUD)	1,502 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	13,062.80 (AUD)	1,921 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	18,102.14 (AUD)	2,666 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,165.58 (AUD)	318 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	2,837.12 (AUD)	416 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	22,697.73 (AUD)	3,333 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	278.39 (AUD)	41 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	461.72 (AUD)	68 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,074.69 (AUD)	743 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	5,808.93 (AUD)	853 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	548.37 (AUD)	81 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	556.78 (AUD)	82 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	56,815.83 (AUD)	8,343 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	6.79 (AUD)	1 Ordinary Share
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	654.72 (AUD)	96 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	662.48 (AUD)	98 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	8,502.12 (AUD)	1,254 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	862.72 (AUD)	128 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	879.78 (AUD)	129 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	986.96 (AUD)	146 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Buy	998.13 (AUD)	147 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,208.91 (AUD)	177 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,276.52 (AUD)	188 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,356.75 (AUD)	201 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,618.71 (AUD)	237 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,722.93 (AUD)	253 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	1,853.68 (AUD)	272 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	101.40 (AUD)	15 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	101.55 (AUD)	15 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	101.85 (AUD)	15 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	11,018.80 (AUD)	1,630 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	11,790.42 (AUD)	1,739 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	12,042.00 (AUD)	1,784 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	12,311.04 (AUD)	1,832 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	13,952.64 (AUD)	2,064 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	14,191.60 (AUD)	2,087 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	142.17 (AUD)	21 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	16,173.75 (AUD)	2,375 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	183.60 (AUD)	27 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	19,809.02 (AUD)	2,926 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	190.68 (AUD)	28 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	198.07 (AUD)	29 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,393.04 (AUD)	354 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,400.40 (AUD)	353 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,550.68 (AUD)	374 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,607.36 (AUD)	384 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,618.88 (AUD)	384 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,700.00 (AUD)	400 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,797.48 (AUD)	412 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	2,861.59 (AUD)	423 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	230.18 (AUD)	34 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	250.12 (AUD)	37 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	27,384.65 (AUD)	4,045 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited	Sell	27.32 (AUD)	4 Ordinary Shares

14/09/2022	Morgan Stanley Australia Securities Limited		Sell	298.54 (AUD)	44 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	3,642.26 (AUD)	538 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	3,800.25 (AUD)	563 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	313.95 (AUD)	46 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	380.24 (AUD)	56 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	4,333.16 (AUD)	641 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	5,087.88 (AUD)	756 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	5,836.17 (AUD)	857 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	54.24 (AUD)	8 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	54.64 (AUD)	8 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	6,940.86 (AUD)	1,026 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	60.88 (AUD)	9 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	612.00 (AUD)	90 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	613.80 (AUD)	90 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	7,628.57 (AUD)	1,126 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	809.20 (AUD)	119 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	830.82 (AUD)	122 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	856.80 (AUD)	126 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	892.76 (AUD)	131 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	9,152.64 (AUD)	1,344 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	9,410.45 (AUD)	1,389 Ordinary Shares
14/09/2022	Morgan Stanley Australia Securities Limited		Sell	975.26 (AUD)	143 Ordinary Shares
14/09/2022	Morgan Stanley Capital Services LLC		Buy	N/A	2,948 Swaps
14/09/2022	Morgan Stanley Capital Services LLC		Sell	N/A	318 Swaps
14/09/2022	Morgan Stanley Capital Services LLC		Sell	N/A	4,835 Swaps
14/09/2022	Morgan Stanley Capital Services LLC		Sell	N/A	414 Swaps
14/09/2022	Morgan Stanley Capital Services LLC		Sell	N/A	8,343 Swaps