

Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To NZX Limited
and
To Chorus Ltd

Date this disclosure made: 23 February, 2023

Date on which substantial holding began: 20 February, 2023

Substantial product holder(s) giving disclosure

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

Summary of substantial holding

Class of quoted voting products: Ordinary Shares (security code: NZCNUE0001S2)

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

For this disclosure,—

- (a) total number held in class: 22,196,561
- (b) total in class: 443,397,865
- (c) total percentage held in class: 5.006%

Details of relevant interests

Details for Mitsubishi UFJ Financial Group, Inc.

Nature of relevant interest(s): Deemed relevant interest by reason of being a holding company and a related company of Mitsubishi UFJ Trust and Banking Corporation, First Sentier Investors Realindex Pty Ltd, First Sentier Investors (Australia) IM Ltd. and being deemed to have the same relevant interests as are disclosed by Mitsubishi UFJ Trust and Banking Corporation, First Sentier Investors Realindex Pty Ltd, First Sentier Investors (Australia) IM Ltd. in this notice.

For that relevant interest,—

- (a) number held in class: 11,176,946
- (b) percentage held in class: 2.521%
- (c) current registered holder(s): unknown
- (d) registered holder(s) once transfers are registered: N/A

Nature of relevant interest(s): Deemed relevant interest arising from being a greater than 20% shareholder in Morgan Stanley and being deemed to have the same relevant interests as are held in the Morgan Stanley group. The relevant interests held in the Morgan Stanley group which are included in this disclosure are set out in Annexure B to this notice.

For that relevant interest,—

- (a) number held in class: 11,019,615
- (b) percentage held in class: 2.485%
- (c) current registered holder(s): As listed in Annexure B
- (d) registered holder(s) once transfers are registered: N/A

Details for Mitsubishi UFJ Trust and Banking Corporation

Nature of relevant interest(s): Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as a responsible entity of a managed investment scheme. The relevant agreement need not be attached under regulation 139.

- (a) number held in class: 18,926
- (b) percentage held in class: 0.004%
- (c) current registered holder(s): Unknown
- (d) registered holder(s) once transfers are registered: N/A

Nature of relevant interest(s): Deemed relevant interest by reason of being a related company of other Mitsubishi UFJ Financial Group, Inc., subsidiaries disclosing in this notice.

For that relevant interest,—

- (a) number held in class: 11,158,020
- (b) percentage held in class: 2.516%
- (c) current registered holder(s): As listed in Annexure B
- (d) registered holder(s) once transfers are registered: N/A

Nature of relevant interest(s): Deemed relevant interest arising from being a wholly-owned subsidiary and a related company of Mitsubishi UFJ Financial Group, Inc., which is

deemed to have the same relevant interests as are held in the Morgan Stanley group by reason of being a greater than 20% shareholder in the Morgan Stanley group. The relevant interests held in the Morgan Stanley group which are included in this disclosure are set out in Annexure B to this notice.

For that relevant interest,—

- (a) number held in class: 11,019,615
- (b) percentage held in class: 2.485%
- (c) current registered holder(s): As listed in Annexure B
- (d) registered holder(s) once transfers are registered: N/A

Details for First Sentier Investors Realindex Pty Ltd

Nature of relevant interest(s): Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as a responsible entity of a managed investment scheme. The relevant agreement need not be attached under regulation 139.

- (e) number held in class: 4,629,068
- (f) percentage held in class : 1.044%
- (g) current registered holder(s) : Unknown
- (h) registered holder(s) once transfers are registered : N/A

Nature of relevant interest(s): Deemed relevant interest by reason of being a related company of other Mitsubishi UFJ Financial Group, Inc., subsidiaries disclosing in this notice.

For that relevant interest,—

- (a) number held in class: 6,547,878
- (b) percentage held in class: 1.477%
- (c) current registered holder(s): Unknown
- (d) registered holder(s) once transfers are registered: N/A

Nature of relevant interest(s): Deemed relevant interest arising from being a wholly-owned subsidiary and a related company of Mitsubishi UFJ Financial Group, Inc., which is

deemed to have the same relevant interests as are held in the Morgan Stanley group by reason of being a greater than 20% shareholder in the Morgan Stanley group. The relevant interests held in the Morgan Stanley group which are included in this disclosure are set out in Annexure B to this notice.

For that relevant interest,—

- (a) number held in class: 11,019,615
- (b) percentage held in class: 2.485%
- (c) current registered holder(s): As listed in Annexure B
- (d) registered holder(s) once transfers are registered: N/A

Details for First Sentier Investors (Australia) IM Ltd

Nature of relevant interest(s): Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as a responsible entity of a managed investment scheme. The relevant agreement need not be attached under regulation 139.

- (a) number held in class: 6,528,952
- (b) percentage held in class : 1.472%
- (c) current registered holder(s) : Unknown
- (d) registered holder(s) once transfers are registered : N/A

Nature of relevant interest(s): Deemed relevant interest by reason of being a related company of other Mitsubishi UFJ Financial Group, Inc., subsidiaries disclosing in this notice.

For that relevant interest,—

- (a) number held in class: 4,647,994
- (b) percentage held in class : 1.048%
- (c) current registered holder(s) : Unknown
- (d) registered holder(s) once transfers are registered : N/A

Nature of relevant interest(s): Deemed relevant interest arising from being a wholly-owned subsidiary and a related company of Mitsubishi UFJ Financial Group, Inc., which is deemed to have the same relevant interests as are held in the Morgan Stanley group by reason of being a greater than 20% shareholder in the Morgan Stanley group. The relevant interests held in the Morgan Stanley group which are included in this disclosure are set out in Annexure B to this notice.

For that relevant interest,—

- (a) number held in class: 11,019,615
- (b) percentage held in class: 2.485%
- (c) current registered holder(s): As listed in Annexure B
- (d) registered holder(s) once transfers are registered: N/A

Details of transactions and events giving rise to 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

Mitsubishi UFJ Trust and Banking Corporation–1-4-5, Marunouchi, Chiyoda-ku, Tokyo 100-8212, 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: +81-50-3844-4922, E-mail:mariko_onda@mufg.jp

Nature of connection between substantial product holders: Mitsubishi UFJ Trust and Banking Corporation , 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)
21-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	288	2,206.07
21-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	1,415	10,895.50
24-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	115	901.11
27-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	4,473	35,113.05
28-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	2,048	16,076.80
02-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	485	3,858.54
04-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-1,917	-15,048.45
04-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-22,605	-176,349.86
04-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,793	-21,789.21

04-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-9,372	-73,114.39
04-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,793	-21,789.21
07-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	422	3,308.12
10-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,438	-19,138.30
10-Nov-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-6,690	-52,437.27
10-Nov-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-7,998	-62,796.14
16-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	3,749	29,844.57
17-Nov-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-1,176	-9,422.38
18-Nov-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	6,554	53,152.94
18-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	3,238	26,316.94

21-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	1,664	13,698.96
22-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	3,679	30,306.30
23-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	583	4,805.09
24-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	5,292	43,868.93
28-Nov-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	37,667	310,511.68
30-Nov-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	1,938	15,625.69
30-Nov-2022	Mitsubishi UFJ Trust and Banking Corporaton	SELL	Ordinary Shares	-683	-5,566.45
01-Dec-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	235	1,889.55
01-Dec-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-4,657	-37,533.12
05-Dec-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	3,959	31,784.27

06-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-4,938	-39,905.53
06-Dec-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	1,728	13,991.96
09-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-10,735	-87,507.48
09-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-7,013	-57,167.21
09-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,591	-21,120.81
12-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-112,776	-918,134.34
12-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-36,623	-298,155.94
14-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-1,281	-10,776.96
16-Dec-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	1,344	10,958.83
16-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-19,210	-157,906.20

16-Dec-2022	Mitsubishi UFJ Trust and Banking Corporaton	SELL	Ordinary Shares	-623	-5,121.06
19-Dec-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	5,485	45,143.37
19-Dec-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	413	3,396.27
21-Dec-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	3,505	28,842.60
22-Dec-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	20,561	170,882.68
28-Dec-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	1,235	10,093.30
04-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	75,196	619,231.81
04-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	9,891	81,487.38
04-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	51,064	420,692.73
04-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	17,256	142,164.22

04-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	15,542	128,043.36
04-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	10,461	86,183.35
05-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-5,003	-41,449.86
13-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	50,644	414,512.86
13-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	9,284	75,988.02
13-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	15,915	130,261.67
13-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	8,365	68,466.16
13-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	40,481	331,330.36
13-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	15,080	123,427.33
16-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,646	-21,782.79

16-Jan-2023	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	20,584	169,288.29
16-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-10,365	-85,328.29
16-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,646	-21,782.79
16-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-91,225	-750,537.65
16-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-3,234	-26,623.41
16-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-15,019	-123,641.64
17-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,057	0.00
17-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-1,416	0.00
18-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,057	-17,214.51
18-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-1,416	-11,850.14

17-Jan-2023	First Sentier Investors Realindex Pty Ltd	BORROW_ UNWIND	Ordinary Shares	-2,057	0.00
17-Jan-2023	First Sentier Investors Realindex Pty Ltd	BORROW_ UNWIND	Ordinary Shares	-1,416	0.00
24-Jan-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-3,069	-25,687.53
27-Jan-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	186	1,545.62
31-Jan-2023	Mitsubishi UFJ Trust and Banking Corporaton	BUY	Ordinary Shares	898	7,507.28
01-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,216	-18,880.32
08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,553	-21,932.55
08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-11,029	-94,748.95
08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-34,388	-295,295.97
08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,541	-21,829.46

08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,541	-21,829.46
08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-55,142	-473,514.31
08-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-14,395	-123,665.89
14-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-2,547	-22,112.81
17-Feb-2023	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-16,365	-137,101.06
17-Feb-2023	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	335	2,825.17

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

Details for Morgan Stanley & Co. International plc

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s). The relevant agreement document(s) (Prime Brokerage Agreement) has been attached to a previous disclosure made on 21 April 2022 in Annexure D (80 pages).

For that relevant interest,-

- (a) number held in class: 61,657
- (b) percentage held in class : 0.014%
- (c) current registered holder(s) : HSBC Custody Nominees (Australia) Limited
- (d) registered holder(s) once transfers are registered : Unknown

Details for Morgan Stanley & Co. International plc

Nature of relevant interest(s): Holder of securities subject to an obligation to return under a Securities Lending Agreement. The relevant agreement document(s) (2010 Global Master Securities Lending Agreement) is attached in Annexure D (40 pages).

For that relevant interest,-

- (a) number held in class: 4,026
- (b) percentage held in class : 0.001%
- (c) current registered holder(s) : HSBC Nominees (New Zealand) Limited
- (d) registered holder(s) once transfers are registered : Unknown

Details for Morgan Stanley & Co. International plc

Nature of relevant interest(s): Holder of securities subject to an obligation to return under a Prime Brokerage Agreement. The relevant agreement document(s) (Prime Brokerage Agreement) has been attached to a previous disclosure made on 21 April 2022 in Annexure D (80 pages).

For that relevant interest,-

- (a) number held in class: 8,758,549
- (b) percentage held in class : 1.975%
- (c) current registered holder(s): HSBC Custody Nominees (Australia) Limited

(d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley & Co. International plc

Nature of relevant interest(s): Derivative relevant interest over quoted underlying. Swap Agreement: The relevant agreement document(s) (1992 ISDA Master Agreement) has been attached to a previous disclosure made on 21 April 2022 in Annexure E (65 pages).

Please refer to Table 2 for details on derivative relevant interest.

(a) number held in class: 114,320

(b) percentage held in class: 0.026%

(c) current registered holder(s): Unknown

(d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley & Co. LLC

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

(a) number held in class: 8,689

(b) percentage held in class: 0.002%

(c) current registered holder(s): HSBC Nominees (New Zealand) Limited

(d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley & Co. LLC

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

(a) number held in class: 8,776

- (b) percentage held in class: 0.002%
- (c) current registered holder(s): HSBC Custody Nominees (Australia) Limited
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Australia Securities Limited

Nature of relevant interest(s): Holder of securities subject to an obligation to return under a Securities Lending Agreement through an associate. The relevant agreement document(s) (1995 Overseas Securities Lender's Agreement) is attached in Annexure E (30 pages).

For that relevant interest,—

- (a) number held in class: 54,205
- (b) percentage held in class: 0.012%
- (c) current registered holder(s): Morgan Stanley Australia Securities (Nominee) Pty Limited
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Australia Securities Limited

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 1,132,841
- (b) percentage held in class: 0.254%
- (c) current registered holder(s): Morgan Stanley Australia Securities (Nominee) Pty Limited
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Investment Management Inc.

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of investment management business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 232
- (b) percentage held in class: 0.000%
- (c) current registered holder(s): HSBC Nominees (New Zealand) Limited
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Smith Barney LLC

Nature of relevant interest(s): American Depositary Receipts held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 1,655
- (b) percentage held in class: 0.000%
- (c) current registered holder(s): DTC Through Morgan Stanley
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Wealth Management Australia Pty Ltd

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 57,000
- (b) percentage held in class: 0.013%
- (c) current registered holder(s): Morgan Stanley Wealth Management Australia Pty discretionary client account
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Wealth Management Australia Pty Ltd

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 34,973
- (b) percentage held in class: 0.008%
- (c) current registered holder(s): Morgan Stanley Wealth Management Australia Pty discretionary client account
- (d) registered holder(s) once transfers are registered: Unknown

Details for Morgan Stanley Capital Services LLC

Nature of relevant interest(s): Derivative relevant interest over quoted underlying. Swap Agreement: The relevant agreement document(s) (1992 ISDA Master Agreement & 2002 ISDA Master Agreement) has been attached to a previous disclosure made on 21 April 2022 in Annexure E (65 pages). Please refer to Table 2 for details on derivative relevant interest.

For that relevant interest,—

- (a) number held in class: 219,798
- (b) percentage held in class: 0.050%
- (c) current registered holder(s): Unknown
- (d) registered holder(s) once transfers are registered: Unknown

Details for E*TRADE Securities LLC

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s). The relevant agreement document(s) (Margin Agreement) may be viewed [here](#).

For that relevant interest,—

- (a) number held in class: 110
- (b) percentage held in class: 0.000%

- (c) current registered holder(s): BNP Paribas Nominees Pty Limited
- (d) registered holder(s) once transfers are registered: Unknown

Details for E*TRADE Securities LLC

Nature of relevant interest(s): American Depositary held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s). The relevant agreement document(s) (Margin Agreement) may be viewed [here](#).

For that relevant interest,—

- (a) number held in class: 89,795
- (b) percentage held in class: 0.020%
- (c) current registered holder(s): DTC Through E Trade
- (d) registered holder(s) once transfers are registered: Unknown

Details for E*TRADE Securities LLC

Nature of relevant interest(s): American Depositary Receipts held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s). (Fully Paid Lending Program: Master Securities Lending Agreement) has been attached to a previous disclosure made on 21 April 2022 in Annexure F (15 pages).

For that relevant interest,—

- (a) number held in class: 2,765
- (b) percentage held in class: 0.001%
- (c) current registered holder(s): DTC Through E Trade
- (d) registered holder(s) once transfers are registered: Unknown

Details for Parametric Portfolio Associates LLC

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of investment management business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 3,571
- (b) percentage held in class: 0.001%
- (c) current registered holder(s): Unknown

(d) registered holder(s) once transfers are registered: Unknown

Details for Parametric Portfolio Associates LLC

Nature of relevant interest(s): American Depositary Receipts held or in respect of which the holder may exercise control over disposal in the ordinary course of investment management business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 24,900
- (b) percentage held in class: 0.006%
- (c) current registered holder(s): Unknown
- (d) registered holder(s) once transfers are registered: Unknown

Details for Parametric Portfolio Associates LLC

Nature of relevant interest(s): Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of investment management business. The relevant agreements need not be attached under regulation 139.

For that relevant interest,—

- (a) number held in class: 441,753
- (b) percentage held in class: 0.100%
- (c) current registered holder(s): Unknown
- (d) registered holder(s) once transfers are registered: Unknown

Table 2: For a derivative relevant interest, also –

Details for	(a) Type of Derivative	(b) Details of Derivative		
		Notional Value of the Derivative	Settlement Type	Expiry Date of the Derivative
Morgan Stanley & Co. International plc	Swap Agreement	17,225.90 (AUD)	Cash	8/30/2023
		85,105.30		8/23/2023

		(AUD)	
		23,144.62 (AUD)	12/31/2024
		10,490.45 (AUD)	8/16/2023
		179,983.76 (AUD)	6/20/2023
		128,252.00 (AUD)	12/22/2023
		290,601.00 (AUD)	12/16/2024
		82,687.50	12/16/2024
		54,350.12	11/30/2023
		67,761.20 (AUD)	3/17/2025
		105,001.47 (AUD)	12/22/2023
		55,785.57 (AUD)	4/28/2023
		117,251.05 (AUD)	7/31/2024
		417,092.30 (AUD)	7/31/2023
Morgan Stanley Capital Services LLC	Swap Agreement	51,400.30 (AUD)	1/25/2024
		157,338.06 (AUD)	4/12/2023
		485,370.70 (AUD)	6/13/2024
		95,967.30 (AUD)	8/01/2023
		6,021.73 (AUD)	8/30/2024
		1,621.84	3/28/2024
			Cash

		44,270.98 (AUD)	8/31/2023
		52,758.50 (AUD)	7/31/2023

Annexure C
Transaction details for the Morgan Stanley group

Date of Transaction	Holder of Relevant Interest	Transaction Nature	Consideration	Class and number of securities
21/10/2022	Morgan Stanley & Co. International plc	Buy	2791.32	363 Ordinary Shares
21/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,201 Swaps
21/10/2022	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	2,850 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,081.86 (AUD)	156 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,701.83 (AUD)	247 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,710.47 (AUD)	247 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,879.52 (AUD)	272 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	14,532.00 (AUD)	2,100 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,684.96 (AUD)	388 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,989.44 (AUD)	432 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	21,486.60 (AUD)	3,105 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	27,527.76 (AUD)	3,978 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	27.00 (AUD)	4 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	291.27 (AUD)	42 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	33,222.92 (AUD)	4,801 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	346.25 (AUD)	50 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	371.25 (AUD)	55 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,442.64 (AUD)	642 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,411.44 (AUD)	782 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	57,740.48 (AUD)	8,344 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,860.70 (AUD)	990 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	768.12 (AUD)	111 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	810.81 (AUD)	117 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	822.29 (AUD)	119 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	825.86 (AUD)	119 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	845.46 (AUD)	122 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	89.96 (AUD)	13 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	898.30 (AUD)	130 Ordinary Shares
21/10/2022	Morgan Stanley Australia Securities Limited	Buy	942.48 (AUD)	136 Ordinary Shares
21/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,477 Swaps
21/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17,307 Swaps
21/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	19,537 Swaps
24/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	44 Swaps
24/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	486 Swaps
24/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	601 Swaps
24/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,709 Swaps

24/10/2022	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	542,140 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,404.00 (AUD)	200 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	10,710.02 (AUD)	1,517 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	134.23 (AUD)	19 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	134.90 (AUD)	19 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	15,002.52 (AUD)	2,119 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,234.12 (AUD)	316 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,788.70 (AUD)	395 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	21.27 (AUD)	3 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	28.24 (AUD)	4 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	290.00 (AUD)	40 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,409.98 (AUD)	483 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,003.02 (AUD)	567 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,077.40 (AUD)	580 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	51,403.86 (AUD)	7,281 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	525.40 (AUD)	74 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	539.60 (AUD)	76 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	660.82 (AUD)	94 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	692.86 (AUD)	98 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	7,565.03 (AUD)	1,067 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	703.00 (AUD)	100 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	727.18 (AUD)	103 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	77.99 (AUD)	11 Ordinary Shares
24/10/2022	Morgan Stanley Australia Securities Limited	Buy	98.70 (AUD)	14 Ordinary Shares
24/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,968 Swaps
24/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	140 Swaps
24/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,313 Swaps
24/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	591 Swaps
25/10/2022	Morgan Stanley & Co. International plc	Buy	3,049.75	387 Ordinary Shares
25/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	22,109 Swaps
25/10/2022	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	1,221,827 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,199.90 (AUD)	169 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,340.01 (AUD)	189 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,569.10 (AUD)	221 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,587.76 (AUD)	223 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,796.30 (AUD)	253 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,885.94 (AUD)	266 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	11,161.20 (AUD)	1,572 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	11,835.70 (AUD)	1,667 Ordinary Shares

25/10/2022	Morgan Stanley Australia Securities Limited	Buy	15,257.90 (AUD)	2,149 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	17,224.60 (AUD)	2,426 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	170.16 (AUD)	24 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	184.34 (AUD)	26 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,002.20 (AUD)	282 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,286.20 (AUD)	322 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	255.24 (AUD)	36 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,630.08 (AUD)	512 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	368.93 (AUD)	52 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	389.40 (AUD)	55 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,316.80 (AUD)	608 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,628.61 (AUD)	651 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	411.80 (AUD)	58 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	42.30 (AUD)	6 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	48,656.30 (AUD)	6,853 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	483.48 (AUD)	68 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,935.60 (AUD)	836 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	56.80 (AUD)	8 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,395.18 (AUD)	902 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	7.10 (AUD)	1 Ordinary Share
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	799.68 (AUD)	112 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,037.20 (AUD)	1,132 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	814.20 (AUD)	115 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	85.26 (AUD)	12 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	873.30 (AUD)	123 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	938.52 (AUD)	132 Ordinary Shares
25/10/2022	Morgan Stanley Australia Securities Limited	Buy	950.06 (AUD)	134 Ordinary Shares
25/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	245 Swaps
25/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,246 Swaps
25/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,448 Swaps
25/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	72 Swaps
26/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	10,095 Swaps
26/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	938 Swaps
26/10/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,751,502 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,066.50 (AUD)	150 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,212.39 (AUD)	171 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,982.29 (AUD)	279 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	10,827.50 (AUD)	1,525 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	105.90 (AUD)	15 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	106.35 (AUD)	15 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	12,669.83 (AUD)	1,787 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	14,058.00 (AUD)	1,980 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	14.20 (AUD)	2 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	17,299.60 (AUD)	2,440 Ordinary Shares

26/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,257.80 (AUD)	318 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,619.90 (AUD)	369 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,825.80 (AUD)	398 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,915.10 (AUD)	410 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	23,552.98 (AUD)	3,322 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	269.80 (AUD)	38 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	27,239.78 (AUD)	3,842 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,284.82 (AUD)	462 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	380.05 (AUD)	55 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,827.69 (AUD)	679 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	447.30 (AUD)	63 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	453.76 (AUD)	64 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	453.76 (AUD)	64 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,871.70 (AUD)	827 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,595.90 (AUD)	929 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	7,862.81 (AUD)	1,109 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	7.09 (AUD)	1 Ordinary Share
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	798.91 (AUD)	113 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	816.50 (AUD)	115 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	841.33 (AUD)	119 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	867.42 (AUD)	122 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	880.40 (AUD)	124 Ordinary Shares
26/10/2022	Morgan Stanley Australia Securities Limited	Buy	972.70 (AUD)	137 Ordinary Shares
27/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	1 Swap
27/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	4 Swaps
27/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	5 Swaps
27/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,334 Swaps
27/10/2022	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	2,103,557 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,109.80 (AUD)	155 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,126.54 (AUD)	158 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,279.80 (AUD)	180 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,362.30 (AUD)	190 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,763.28 (AUD)	248 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,785.33 (AUD)	249 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,787.12 (AUD)	251 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,831.80 (AUD)	258 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	11,778.76 (AUD)	1,652 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	12,340.80 (AUD)	1,714 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	16,095.70 (AUD)	2,267 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	16,293.48 (AUD)	2,282 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	163.76 (AUD)	23 Ordinary Shares

27/10/2022	Morgan Stanley Australia Securities Limited	Buy	18,938.20 (AUD)	2,645 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	19,347.90 (AUD)	2,706 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	19,421.90 (AUD)	2,705 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,133.00 (AUD)	300 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,167.52 (AUD)	304 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,340.68 (AUD)	326 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,473.90 (AUD)	346 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,156.41 (AUD)	439 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	305.30 (AUD)	43 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	31,837.32 (AUD)	4,428 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	328.44 (AUD)	46 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	328.44 (AUD)	46 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	35,264.46 (AUD)	4,939 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	350.84 (AUD)	49 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	377.36 (AUD)	53 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,042.34 (AUD)	563 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	42.60 (AUD)	6 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	444.54 (AUD)	62 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,112.09 (AUD)	719 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,562.06 (AUD)	779 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	513.36 (AUD)	72 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	548.24 (AUD)	77 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	562.48 (AUD)	79 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,436.84 (AUD)	899 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,470.10 (AUD)	910 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	624.66 (AUD)	87 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	63,755.37 (AUD)	8,967 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	64.44 (AUD)	9 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	666.46 (AUD)	94 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	7.14 (AUD)	1 Ordinary Share
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	71.50 (AUD)	10 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	739.96 (AUD)	104 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	793.65 (AUD)	111 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	939.27 (AUD)	131 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	965.60 (AUD)	136 Ordinary Shares
27/10/2022	Morgan Stanley Australia Securities Limited	Buy	988.29 (AUD)	139 Ordinary Shares
27/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	541 Swaps
27/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,153 Swaps
28/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	2,389 Swaps
28/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,432 Swaps
28/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,707 Swaps
28/10/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	2,118,872 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,352.80 (AUD)	190 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,398.70 (AUD)	197 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,668.50 (AUD)	235 Ordinary Shares

28/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,818.15 (AUD)	255 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,822.72 (AUD)	256 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	106.65 (AUD)	15 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	13,732.38 (AUD)	1,926 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	14.18 (AUD)	2 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	17,097.74 (AUD)	2,398 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	18,136.22 (AUD)	2,558 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	19,886.67 (AUD)	2,797 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,036.32 (AUD)	286 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,130.00 (AUD)	300 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,175.66 (AUD)	306 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,942.35 (AUD)	415 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	21.39 (AUD)	3 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	22,661.40 (AUD)	3,165 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	248.50 (AUD)	35 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	263.44 (AUD)	37 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	284.80 (AUD)	40 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,301.50 (AUD)	465 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,562.86 (AUD)	499 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,659.68 (AUD)	514 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,862.40 (AUD)	544 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	312.84 (AUD)	44 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	35.60 (AUD)	5 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	369.20 (AUD)	52 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,052.70 (AUD)	570 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,152.24 (AUD)	584 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	413.54 (AUD)	58 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	43,089.90 (AUD)	6,069 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,746.78 (AUD)	806 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	539.97 (AUD)	76 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	554.18 (AUD)	78 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	57,650.64 (AUD)	8,097 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,228.36 (AUD)	876 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,996.24 (AUD)	984 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	65,004.21 (AUD)	9,117 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	795.20 (AUD)	112 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,306.45 (AUD)	1,165 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	861.52 (AUD)	121 Ordinary Shares
28/10/2022	Morgan Stanley Australia Securities Limited	Buy	92.43 (AUD)	13 Ordinary Shares
28/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,949 Swaps
28/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,263 Swaps
31/10/2022	Morgan Stanley & Co. International plc	Borrow	N/A	37,525 Ordinary Shares
31/10/2022	Morgan Stanley & Co. International plc	Buy	579.79	72 Ordinary Shares

31/10/2022	Morgan Stanley & Co. International plc	Buy	41,375.49	4,979 Ordinary Shares
31/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	22,203 Swaps
31/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	26,726 Swaps
31/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,550 Swaps
31/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,553 Swaps
31/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	649 Swaps
31/10/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,776,046 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,001.49 (AUD)	133 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,024.76 (AUD)	137 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,048.56 (AUD)	136 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,065.96 (AUD)	141 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,072.10 (AUD)	142 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,087.50 (AUD)	145 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,100.11 (AUD)	146 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,145.76 (AUD)	154 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,181.18 (AUD)	154 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,290.24 (AUD)	168 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,296.88 (AUD)	172 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,297.74 (AUD)	172 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,493.50 (AUD)	206 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,509.90 (AUD)	210 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,567.35 (AUD)	215 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,587.88 (AUD)	214 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,657.50 (AUD)	221 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,668.73 (AUD)	217 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,677.41 (AUD)	217 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,726.02 (AUD)	223 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,798.83 (AUD)	237 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,856.52 (AUD)	243 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,889.55 (AUD)	247 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,898.86 (AUD)	263 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,905.09 (AUD)	251 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,909.05 (AUD)	267 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	1,940.16 (AUD)	258 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	11,902.04 (AUD)	1,564 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	12,276.66 (AUD)	1,691 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	12,470.00 (AUD)	1,720 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	12,577.78 (AUD)	1,702 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	133.38 (AUD)	18 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	139.14 (AUD)	18 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	14.92 (AUD)	2 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	15.04 (AUD)	2 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	15.30 (AUD)	2 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	15.30 (AUD)	2 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	15.30 (AUD)	2 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	157.96 (AUD)	22 Ordinary Shares

31/10/2022	Morgan Stanley Australia Securities Limited	Buy	19,350.10 (AUD)	2,695 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	191.88 (AUD)	26 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,030.16 (AUD)	264 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,093.34 (AUD)	278 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,096.64 (AUD)	273 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,176.17 (AUD)	289 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,219.60 (AUD)	310 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,235.00 (AUD)	298 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,283.93 (AUD)	297 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,325.22 (AUD)	309 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,370.03 (AUD)	309 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,391.36 (AUD)	318 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,396.66 (AUD)	323 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,400.93 (AUD)	333 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,479.40 (AUD)	322 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,582.16 (AUD)	348 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,597.60 (AUD)	340 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,776.75 (AUD)	383 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,968.29 (AUD)	387 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	2,970.40 (AUD)	395 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	208.60 (AUD)	28 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	21,791.82 (AUD)	2,894 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	22.95 (AUD)	3 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	224,015.57 (AUD)	29,437 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	23,536.24 (AUD)	3,172 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	23.10 (AUD)	3 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	261.12 (AUD)	34 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	266.95 (AUD)	37 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	27,205.75 (AUD)	3,575 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	275,390.68 (AUD)	36,188 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	282.75 (AUD)	39 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	29,001.71 (AUD)	3,811 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	29,854.40 (AUD)	3,970 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	29,899.69 (AUD)	3,929 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,052.35 (AUD)	399 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,076.92 (AUD)	407 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,191.35 (AUD)	415 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,247.00 (AUD)	425 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,295.60 (AUD)	428 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,304.11 (AUD)	457 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,453.20 (AUD)	445 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,506.96 (AUD)	472 Ordinary Shares

31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,572.55 (AUD)	467 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,594.56 (AUD)	478 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,739.96 (AUD)	518 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	3,809.70 (AUD)	498 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	337.72 (AUD)	45 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	35,416.94 (AUD)	4,654 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	37.65 (AUD)	5 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	38,636.00 (AUD)	5,200 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,083.92 (AUD)	568 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,145.64 (AUD)	579 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,326.19 (AUD)	587 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,348.29 (AUD)	579 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,366.92 (AUD)	604 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,395.82 (AUD)	583 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,433.36 (AUD)	604 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,450.60 (AUD)	578 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,672.08 (AUD)	618 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,687.20 (AUD)	620 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,815.58 (AUD)	649 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	4,824.43 (AUD)	629 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	40,964.63 (AUD)	5,383 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	419.62 (AUD)	58 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	451.08 (AUD)	63 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	49,617.20 (AUD)	6,520 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,007.45 (AUD)	665 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,131.62 (AUD)	663 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,314.16 (AUD)	734 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,341.05 (AUD)	715 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,594.79 (AUD)	743 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,669.45 (AUD)	745 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	5,826.26 (AUD)	781 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	52.01 (AUD)	7 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	532.80 (AUD)	72 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	592.02 (AUD)	78 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	596.45 (AUD)	79 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,010.20 (AUD)	795 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,098.72 (AUD)	811 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,167.04 (AUD)	803 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,287.55 (AUD)	835 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	6,365.24 (AUD)	889 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	629.76 (AUD)	82 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	634.20 (AUD)	84 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	641.52 (AUD)	88 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	69,190.12 (AUD)	9,092 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	693.72 (AUD)	94 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	7,212.72 (AUD)	984 Ordinary Shares

31/10/2022	Morgan Stanley Australia Securities Limited	Buy	7,392.16 (AUD)	983 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	7,813.28 (AUD)	1,039 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	7.61 (AUD)	1 Ordinary Share
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	721.92 (AUD)	94 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	744.96 (AUD)	97 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,011.92 (AUD)	1,064 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,211.84 (AUD)	1,092 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,317.44 (AUD)	1,083 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,433.73 (AUD)	1,123 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	8,504.50 (AUD)	1,165 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	807.84 (AUD)	108 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	814.32 (AUD)	108 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	82,401.08 (AUD)	10,828 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	832.16 (AUD)	112 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	843.92 (AUD)	112 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	844.71 (AUD)	111 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	846.72 (AUD)	112 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	854.28 (AUD)	113 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	857.67 (AUD)	113 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	866.52 (AUD)	116 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	868.25 (AUD)	115 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	880.42 (AUD)	117 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	887.80 (AUD)	115 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	9,157.05 (AUD)	1,197 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	908.71 (AUD)	121 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	908.90 (AUD)	122 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	926.28 (AUD)	124 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	945.00 (AUD)	125 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	95,962.10 (AUD)	12,610 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	960.64 (AUD)	128 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	964.16 (AUD)	131 Ordinary Shares
31/10/2022	Morgan Stanley Australia Securities Limited	Buy	967.68 (AUD)	128 Ordinary Shares
31/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	187 Swaps
31/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,503 Swaps
31/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	23,220 Swaps
31/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,208 Swaps
31/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,798 Swaps
1/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	5,000 Ordinary Shares
1/11/2022	Morgan Stanley & Co. International plc	Buy	2,211.26	272 Ordinary Shares
1/11/2022	Morgan Stanley & Co. International plc	Buy	3901.3	476 Ordinary Shares
1/11/2022	Morgan Stanley & Co. International plc	Buy	18,417.17 (AUD)	2,466 Ordinary Shares
1/11/2022	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	37,525 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,006.95 (AUD)	137 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,035.55 (AUD)	139 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,098.13 (AUD)	149 Ordinary Shares

1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,101.11 (AUD)	149 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,152.38 (AUD)	157 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,167.62 (AUD)	158 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,219.86 (AUD)	162 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,323.00 (AUD)	180 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,323.00 (AUD)	180 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,369.55 (AUD)	182 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,372.58 (AUD)	187 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,478.00 (AUD)	200 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,508.00 (AUD)	200 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,552.87 (AUD)	209 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,580.25 (AUD)	215 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,615.89 (AUD)	220 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,616.80 (AUD)	215 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,625.80 (AUD)	220 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,628.77 (AUD)	221 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,724.91 (AUD)	232 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,741.68 (AUD)	236 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,758.82 (AUD)	238 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,764.00 (AUD)	240 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,770.99 (AUD)	239 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,788.38 (AUD)	242 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,827.76 (AUD)	248 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,835.00 (AUD)	250 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,847.30 (AUD)	245 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,945.68 (AUD)	264 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,947.75 (AUD)	265 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,388.82 (AUD)	1,402 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,466.40 (AUD)	1,424 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	11,003.58 (AUD)	1,491 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	11,902.55 (AUD)	1,615 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	111.15 (AUD)	15 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,042.66 (AUD)	1,623 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,513.28 (AUD)	1,664 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,014.83 (AUD)	1,733 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,040.46 (AUD)	1,767 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,351.46 (AUD)	1,819 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	130,901.56 (AUD)	17,834 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	132.84 (AUD)	18 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	133.20 (AUD)	18 Ordinary Shares

1/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,740.80 (AUD)	1,992 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,762.11 (AUD)	2,003 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,781.39 (AUD)	1,963 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	147.40 (AUD)	20 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	17,066.71 (AUD)	2,297 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	17,549.94 (AUD)	2,391 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	17,781.15 (AUD)	2,398 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	18,327.20 (AUD)	2,480 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	19,443.66 (AUD)	2,649 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,057.62 (AUD)	279 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,095.92 (AUD)	284 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,212.60 (AUD)	299 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,217.00 (AUD)	300 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,243.94 (AUD)	298 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,252.16 (AUD)	306 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,262.59 (AUD)	307 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,267.46 (AUD)	306 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,287.15 (AUD)	307 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,521.69 (AUD)	341 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,605.97 (AUD)	347 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,697.45 (AUD)	367 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,853.80 (AUD)	380 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,980.53 (AUD)	399 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	22,333.74 (AUD)	3,014 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	22,364.64 (AUD)	3,006 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	22.23 (AUD)	3 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	25,308.58 (AUD)	3,434 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	259.35 (AUD)	35 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	264.25 (AUD)	35 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	27,272.08 (AUD)	3,646 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	273.06 (AUD)	37 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	28,018.64 (AUD)	3,716 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,045.60 (AUD)	405 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,084.84 (AUD)	418 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,220.69 (AUD)	437 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,300.00 (AUD)	440 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,323.24 (AUD)	450 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,334.50 (AUD)	450 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,417.05 (AUD)	455 Ordinary Shares

1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,424.32 (AUD)	464 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,505.50 (AUD)	475 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,591.28 (AUD)	484 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,640.70 (AUD)	490 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,655.60 (AUD)	494 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,709.44 (AUD)	504 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	30,302.85 (AUD)	4,035 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	309.96 (AUD)	42 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	31,762.50 (AUD)	4,235 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	315.62 (AUD)	43 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	32,701.34 (AUD)	4,366 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	34,600.35 (AUD)	4,595 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	345.45 (AUD)	47 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	375.36 (AUD)	51 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,144.00 (AUD)	560 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,475.64 (AUD)	604 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,524.00 (AUD)	600 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,713.78 (AUD)	626 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	41,992.14 (AUD)	5,721 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	413.28 (AUD)	56 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	44,857.30 (AUD)	6,070 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	44.18 (AUD)	6 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	44.30 (AUD)	6 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	44.34 (AUD)	6 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	45.00 (AUD)	6 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	452.01 (AUD)	61 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	48,554.10 (AUD)	6,615 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,049.92 (AUD)	688 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	51.52 (AUD)	7 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	512.04 (AUD)	68 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	538.74 (AUD)	73 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	540.20 (AUD)	73 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	563.62 (AUD)	75 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	573.30 (AUD)	78 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	58.84 (AUD)	8 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	58.88 (AUD)	8 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	59.04 (AUD)	8 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,185.43 (AUD)	837 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,506.24 (AUD)	884 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,528.21 (AUD)	881 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,621.44 (AUD)	896 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,723.00 (AUD)	900 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	617.46 (AUD)	82 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	638.35 (AUD)	85 Ordinary Shares

1/11/2022	Morgan Stanley Australia Securities Limited	Buy	643.80 (AUD)	87 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	66.33 (AUD)	9 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	66.37 (AUD)	9 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,129.08 (AUD)	966 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,541.45 (AUD)	1,015 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,704.40 (AUD)	1,030 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,747.50 (AUD)	1,033 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,899.06 (AUD)	1,066 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.34 (AUD)	1 Ordinary Share
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.38 (AUD)	1 Ordinary Share
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	715.86 (AUD)	97 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	73.95 (AUD)	10 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	757.05 (AUD)	103 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	769.08 (AUD)	104 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	774.90 (AUD)	105 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	781.04 (AUD)	104 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	784.40 (AUD)	106 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	792.75 (AUD)	105 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,235.00 (AUD)	1,098 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	80,057.92 (AUD)	10,646 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	81.29 (AUD)	11 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	82,983.20 (AUD)	11,035 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	836.76 (AUD)	114 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	840.18 (AUD)	114 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	843.36 (AUD)	112 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	866.97 (AUD)	117 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	88.68 (AUD)	12 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	89,048.88 (AUD)	12,132 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,337.20 (AUD)	1,255 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,637.42 (AUD)	1,313 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	902.19 (AUD)	122 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	904.20 (AUD)	120 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	924.96 (AUD)	123 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	94,605.26 (AUD)	12,889 Ordinary Shares
1/11/2022	Morgan Stanley Australia Securities Limited	Buy	96.72 (AUD)	13 Ordinary Shares
1/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,672 Swaps
1/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,741 Swaps
2/11/2022	Morgan Stanley & Co. International plc	Buy	896.04	114 Ordinary Shares
2/11/2022	Morgan Stanley & Co. International plc	Buy	1617.72	204 Ordinary Shares
2/11/2022	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	2,613,564 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,003.80 (AUD)	140 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,018.17 (AUD)	139 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,023.11 (AUD)	142 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,025.24 (AUD)	142 Ordinary Shares

2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,064.30 (AUD)	145 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,123.28 (AUD)	152 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,125.69 (AUD)	157 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,130.49 (AUD)	158 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,134.60 (AUD)	155 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,150.34 (AUD)	161 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,168.71 (AUD)	163 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,185.03 (AUD)	162 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,228.08 (AUD)	168 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,232.01 (AUD)	169 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,243.20 (AUD)	168 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,321.26 (AUD)	183 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,327.56 (AUD)	184 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,354.08 (AUD)	186 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,357.02 (AUD)	189 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,358.91 (AUD)	189 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,365.82 (AUD)	188 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,469.82 (AUD)	204 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,495.57 (AUD)	207 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,499.57 (AUD)	205 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,530.88 (AUD)	208 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,547.22 (AUD)	214 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,554.45 (AUD)	215 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,560.23 (AUD)	217 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,589.22 (AUD)	218 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,598.70 (AUD)	219 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,630.98 (AUD)	221 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,654.32 (AUD)	226 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,674.40 (AUD)	230 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,677.36 (AUD)	232 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,677.36 (AUD)	232 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,678.57 (AUD)	229 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,680.12 (AUD)	234 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,706.40 (AUD)	237 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,772.68 (AUD)	243 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,792.80 (AUD)	249 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,802.18 (AUD)	251 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,813.02 (AUD)	246 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,842.34 (AUD)	251 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,905.35 (AUD)	265 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,939.80 (AUD)	265 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,941.30 (AUD)	270 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,984.22 (AUD)	272 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,998.24 (AUD)	276 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,396.74 (AUD)	1,446 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,614.12 (AUD)	1,462 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,664.52 (AUD)	1,473 Ordinary Shares

2/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,943.69 (AUD)	1,493 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	103.04 (AUD)	14 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	114.48 (AUD)	16 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	116.32 (AUD)	16 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	116.48 (AUD)	16 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	116.48 (AUD)	16 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,481.76 (AUD)	1,724 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,869.40 (AUD)	1,780 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,910.59 (AUD)	1,771 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	124.95 (AUD)	17 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,348.80 (AUD)	1,854 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,717.00 (AUD)	1,892 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,129.50 (AUD)	1,925 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,641.92 (AUD)	1,984 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	14.43 (AUD)	2 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	14.48 (AUD)	2 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	145.60 (AUD)	20 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	153.30 (AUD)	21 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	153.51 (AUD)	21 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	177,703.20 (AUD)	24,681 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,082.20 (AUD)	290 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,090.88 (AUD)	288 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,148.00 (AUD)	300 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,184.00 (AUD)	300 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,219.47 (AUD)	303 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,340.94 (AUD)	322 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,400.36 (AUD)	332 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,436.88 (AUD)	332 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,498.12 (AUD)	346 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,525.40 (AUD)	345 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,609.25 (AUD)	355 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,655.24 (AUD)	367 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,758.44 (AUD)	381 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,770.74 (AUD)	378 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,785.84 (AUD)	388 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,821.74 (AUD)	393 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,935.04 (AUD)	404 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,947.35 (AUD)	401 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,957.28 (AUD)	404 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	20,093.26 (AUD)	2,783 Ordinary Shares

2/11/2022	Morgan Stanley Australia Securities Limited	Buy	21,556.80 (AUD)	2,994 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	21.93 (AUD)	3 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	218.85 (AUD)	30 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	22.00 (AUD)	3 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	230.08 (AUD)	32 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	247.18 (AUD)	34 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	25,521.00 (AUD)	3,525 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	251.12 (AUD)	35 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	253.05 (AUD)	35 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	257.40 (AUD)	36 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	28.60 (AUD)	4 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,113.28 (AUD)	423 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,166.02 (AUD)	429 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,220.61 (AUD)	443 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,340.28 (AUD)	452 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,357.14 (AUD)	458 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,381.84 (AUD)	462 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,403.12 (AUD)	472 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,429.25 (AUD)	473 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,506.58 (AUD)	483 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,530.78 (AUD)	486 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,564.66 (AUD)	491 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,935.84 (AUD)	544 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	303.24 (AUD)	42 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	305.76 (AUD)	42 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	308.28 (AUD)	42 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	319.22 (AUD)	44 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	333.27 (AUD)	46 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	35.87 (AUD)	5 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	362.50 (AUD)	50 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	390.42 (AUD)	54 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,002.21 (AUD)	549 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,006.44 (AUD)	558 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,172.67 (AUD)	584 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,953.90 (AUD)	674 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	40,132.80 (AUD)	5,574 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	414.10 (AUD)	57 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	414.96 (AUD)	57 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	435.42 (AUD)	59 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	449.57 (AUD)	61 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	48,146.40 (AUD)	6,687 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,126.52 (AUD)	714 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,561.55 (AUD)	765 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,662.25 (AUD)	781 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,672.10 (AUD)	777 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,707.05 (AUD)	791 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,721.49 (AUD)	787 Ordinary Shares

2/11/2022	Morgan Stanley Australia Securities Limited	Buy	50.19 (AUD)	7 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	511.00 (AUD)	70 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	517.59 (AUD)	71 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	540.94 (AUD)	74 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	542.61 (AUD)	75 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	547.96 (AUD)	76 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	561.33 (AUD)	77 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	563.25 (AUD)	77 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	57,290.40 (AUD)	7,957 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	571.35 (AUD)	78 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	583.60 (AUD)	80 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	59,637.60 (AUD)	8,283 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	596.14 (AUD)	82 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,240.92 (AUD)	868 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,329.25 (AUD)	873 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,341.58 (AUD)	882 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,375.79 (AUD)	877 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,652.80 (AUD)	924 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,714.09 (AUD)	921 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	607.56 (AUD)	83 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	631.18 (AUD)	87 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	633.36 (AUD)	87 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	643.28 (AUD)	88 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	67,881.60 (AUD)	9,428 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	686.40 (AUD)	96 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,075.60 (AUD)	980 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,116.92 (AUD)	983 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,297.92 (AUD)	1,008 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,313.40 (AUD)	1,020 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,948.26 (AUD)	1,107 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,963.52 (AUD)	1,082 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.17 (AUD)	1 Ordinary Share
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	706.16 (AUD)	97 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	75,088.80 (AUD)	10,429 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	760.02 (AUD)	106 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	765.32 (AUD)	106 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	768.60 (AUD)	105 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	79.86 (AUD)	11 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,352.00 (AUD)	1,160 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,791.20 (AUD)	1,221 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	829.42 (AUD)	113 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	838.68 (AUD)	116 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	851.76 (AUD)	117 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	851.96 (AUD)	118 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	86.04 (AUD)	12 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	860.22 (AUD)	118 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	863.46 (AUD)	117 Ordinary Shares

2/11/2022	Morgan Stanley Australia Securities Limited	Buy	866.40 (AUD)	120 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	873.60 (AUD)	120 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	888.16 (AUD)	122 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,914.40 (AUD)	1,360 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	902.50 (AUD)	125 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	920.32 (AUD)	128 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	928.20 (AUD)	130 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	93.34 (AUD)	13 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	936.54 (AUD)	129 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	95.16 (AUD)	13 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	952.37 (AUD)	131 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	975.55 (AUD)	133 Ordinary Shares
2/11/2022	Morgan Stanley Australia Securities Limited	Buy	998.02 (AUD)	139 Ordinary Shares
2/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,136 Swaps
2/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	668 Swaps
3/11/2022	Morgan Stanley & Co. International plc	Buy	977.84	125 Ordinary Shares
3/11/2022	Morgan Stanley & Co. International plc	Buy	3,921.83	501 Ordinary Shares
3/11/2022	Morgan Stanley & Co. International plc	Buy	6,130.43	784 Ordinary Shares
3/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	2,368,434 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,128.04 (AUD)	157 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,236.68 (AUD)	172 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,360.80 (AUD)	189 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,641.93 (AUD)	229 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,718.33 (AUD)	241 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,823.72 (AUD)	254 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,081.50 (AUD)	1,410 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,438.68 (AUD)	1,462 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,848.98 (AUD)	1,511 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	11,773.14 (AUD)	1,642 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	11,930.88 (AUD)	1,664 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,123.72 (AUD)	1,698 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,289.38 (AUD)	1,714 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,866.52 (AUD)	1,797 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,749.70 (AUD)	1,915 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	14.34 (AUD)	2 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,757.98 (AUD)	2,207 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	16,732.92 (AUD)	2,337 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,491.46 (AUD)	347 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,497.25 (AUD)	350 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,194.24 (AUD)	448 Ordinary Shares

3/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,200.52 (AUD)	447 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,243.09 (AUD)	452 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,900.11 (AUD)	547 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,966.64 (AUD)	554 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	336.99 (AUD)	47 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	34,690.20 (AUD)	4,845 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	36,421.14 (AUD)	5,101 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	38,327.48 (AUD)	5,353 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	39,513.87 (AUD)	5,511 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,036.39 (AUD)	561 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,139.97 (AUD)	577 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,144.31 (AUD)	576 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,559.30 (AUD)	635 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	41,520.84 (AUD)	5,799 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	42,351.40 (AUD)	5,915 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,026.00 (AUD)	700 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,104.98 (AUD)	711 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,191.18 (AUD)	722 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,879.40 (AUD)	820 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	537.75 (AUD)	75 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	564.85 (AUD)	79 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	57,258.52 (AUD)	7,997 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,003.65 (AUD)	835 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,061.86 (AUD)	849 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,384.72 (AUD)	888 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	644.40 (AUD)	90 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	66,373.20 (AUD)	9,270 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	71,542.72 (AUD)	9,992 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	774.90 (AUD)	108 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	784.80 (AUD)	109 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,888.84 (AUD)	1,238 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	885.36 (AUD)	124 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	917.19 (AUD)	129 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	921.60 (AUD)	128 Ordinary Shares
3/11/2022	Morgan Stanley Australia Securities Limited	Buy	936.65 (AUD)	131 Ordinary Shares
3/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,124 Swaps
3/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	665 Swaps
4/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	45,000 Ordinary Shares
4/11/2022	Morgan Stanley & Co. International plc	Buy	7.85	1 Ordinary Share
4/11/2022	Morgan Stanley & Co. International plc	Buy	728.31	93 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,124.90 (AUD)	157 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,237.54 (AUD)	172 Ordinary Shares

4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,245.60 (AUD)	173 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,281.60 (AUD)	178 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,307.66 (AUD)	182 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,315.77 (AUD)	183 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,349.46 (AUD)	189 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,613.64 (AUD)	226 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,716.02 (AUD)	239 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,727.88 (AUD)	242 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,754.36 (AUD)	244 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,780.64 (AUD)	248 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,454.08 (AUD)	1,456 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,705.55 (AUD)	1,777 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	147,912.05 (AUD)	20,687 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,228.42 (AUD)	2,118 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,807.96 (AUD)	2,214 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	158.40 (AUD)	22 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,026.28 (AUD)	283 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,044.80 (AUD)	284 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,061.90 (AUD)	290 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,112.39 (AUD)	294 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,292.78 (AUD)	318 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,319.84 (AUD)	324 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,356.20 (AUD)	330 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,437.41 (AUD)	339 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	203,231.60 (AUD)	28,424 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	21,293.84 (AUD)	2,974 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	229.12 (AUD)	32 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	23,337.60 (AUD)	3,264 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	27,765.06 (AUD)	3,867 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	278.85 (AUD)	39 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	281.60 (AUD)	40 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,285.83 (AUD)	457 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,324.34 (AUD)	463 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,420.09 (AUD)	477 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	366.08 (AUD)	52 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,775.72 (AUD)	667 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	40,633.45 (AUD)	5,683 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,190.78 (AUD)	727 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,248.70 (AUD)	730 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,623.20 (AUD)	781 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,643.48 (AUD)	786 Ordinary Shares

4/11/2022	Morgan Stanley Australia Securities Limited	Buy	57.04 (AUD)	8 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	571.20 (AUD)	80 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	588.76 (AUD)	82 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,177.60 (AUD)	864 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	647.10 (AUD)	90 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	652.01 (AUD)	91 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,102.72 (AUD)	992 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	73,766.55 (AUD)	10,317 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	796.98 (AUD)	111 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,717.94 (AUD)	1,221 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,730.15 (AUD)	1,221 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	803.04 (AUD)	112 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	807.38 (AUD)	113 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	812.47 (AUD)	113 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	813.60 (AUD)	113 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	814.73 (AUD)	113 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	838.30 (AUD)	117 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	858.00 (AUD)	120 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	860.40 (AUD)	120 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	881.91 (AUD)	123 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	883.14 (AUD)	123 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	889.08 (AUD)	124 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	890.32 (AUD)	124 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	896.87 (AUD)	125 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,144.00 (AUD)	1,270 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,270.24 (AUD)	1,302 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	919.68 (AUD)	128 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	931.45 (AUD)	130 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	956.76 (AUD)	134 Ordinary Shares
4/11/2022	Morgan Stanley Australia Securities Limited	Buy	999.41 (AUD)	139 Ordinary Shares
4/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	53 Swaps
7/11/2022	Morgan Stanley & Co. International plc	Buy	329.29	42 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,069.08 (AUD)	151 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,142.40 (AUD)	160 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,202.40 (AUD)	167 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,204.97 (AUD)	169 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,220.94 (AUD)	171 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,235.40 (AUD)	174 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,346.40 (AUD)	187 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,423.62 (AUD)	198 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,497.04 (AUD)	211 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,566.40 (AUD)	220 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,618.80 (AUD)	228 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,651.40 (AUD)	230 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,706.40 (AUD)	237 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,758.90 (AUD)	246 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,781.59 (AUD)	249 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,864.20 (AUD)	260 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,909.88 (AUD)	266 Ordinary Shares

7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,926.04 (AUD)	269 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,928.73 (AUD)	269 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,955.68 (AUD)	272 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,977.78 (AUD)	277 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	103,315.48 (AUD)	14,572 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	114.24 (AUD)	16 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	115.04 (AUD)	16 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	121.38 (AUD)	17 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,549.25 (AUD)	1,895 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,789.74 (AUD)	2,086 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	143.00 (AUD)	20 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	17,491.03 (AUD)	2,467 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,043.44 (AUD)	287 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,100.63 (AUD)	294 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,129.49 (AUD)	297 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,133.00 (AUD)	300 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,134.86 (AUD)	299 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,139.64 (AUD)	298 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,190.96 (AUD)	306 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,279.25 (AUD)	319 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,319.84 (AUD)	324 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,409.12 (AUD)	336 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,474.11 (AUD)	347 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,575.82 (AUD)	359 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,826.22 (AUD)	395 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	28,006.55 (AUD)	3,917 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,043.00 (AUD)	425 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,180.74 (AUD)	443 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,279.80 (AUD)	460 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,422.48 (AUD)	478 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,656.70 (AUD)	510 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	323.10 (AUD)	45 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	34,500.48 (AUD)	4,832 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	36,621.80 (AUD)	5,158 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	395.45 (AUD)	55 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,112.71 (AUD)	574 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,182.75 (AUD)	585 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	405.27 (AUD)	57 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	408.40 (AUD)	57 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	41,036.92 (AUD)	5,788 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	44,573.10 (AUD)	6,234 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	445.16 (AUD)	62 Ordinary Shares

7/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,083.33 (AUD)	707 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,097.80 (AUD)	710 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,201.86 (AUD)	725 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,305.30 (AUD)	742 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,955.95 (AUD)	833 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	51,622.29 (AUD)	7,281 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	510.13 (AUD)	71 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	536.62 (AUD)	75 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	551.32 (AUD)	77 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	571.60 (AUD)	80 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,565.34 (AUD)	926 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,907.16 (AUD)	962 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	622.92 (AUD)	87 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	684.48 (AUD)	96 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	684.48 (AUD)	96 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	69,084.96 (AUD)	9,744 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,557.55 (AUD)	1,057 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,815.53 (AUD)	1,087 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.18 (AUD)	1 Ordinary Share
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.20 (AUD)	1 Ordinary Share
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	716.00 (AUD)	100 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	717.00 (AUD)	100 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	718.00 (AUD)	100 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	799.68 (AUD)	112 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,728.04 (AUD)	1,219 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	846.09 (AUD)	119 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	85.80 (AUD)	12 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	855.01 (AUD)	119 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	871.69 (AUD)	122 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	895.00 (AUD)	125 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	897.12 (AUD)	126 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	897.50 (AUD)	125 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,180.60 (AUD)	1,284 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,202.82 (AUD)	1,298 Ordinary Shares
7/11/2022	Morgan Stanley Australia Securities Limited	Buy	992.60 (AUD)	140 Ordinary Shares
7/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	600 Swaps
8/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	23,094 Ordinary Shares
8/11/2022	Morgan Stanley & Co. International plc	Buy	303.26	39 Ordinary Shares
8/11/2022	Morgan Stanley & Co. International plc	Buy	26,283.36	3,379 Ordinary Shares
8/11/2022	Morgan Stanley & Co. International plc	Buy	37,411.81	4,804 Ordinary Shares
8/11/2022	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	2,414,922 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,216.04 (AUD)	172 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,246.00 (AUD)	175 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,340.44 (AUD)	188 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,397.48 (AUD)	196 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,467.80 (AUD)	205 Ordinary Shares

8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,647.03 (AUD)	231 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,820.16 (AUD)	256 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,851.20 (AUD)	260 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	128.34 (AUD)	18 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,215.74 (AUD)	1,991 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	142.60 (AUD)	20 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	19,782.03 (AUD)	2,759 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,139.00 (AUD)	300 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,189.88 (AUD)	308 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,362.80 (AUD)	330 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,840.00 (AUD)	400 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	20,905.16 (AUD)	2,932 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	23,560.62 (AUD)	3,286 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	264.55 (AUD)	37 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	268.66 (AUD)	38 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,199.50 (AUD)	450 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	393.25 (AUD)	55 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,174.28 (AUD)	583 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,433.00 (AUD)	620 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	401.52 (AUD)	56 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	44,246.07 (AUD)	6,171 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	491.97 (AUD)	69 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,933.34 (AUD)	831 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,554.52 (AUD)	918 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	697.76 (AUD)	98 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,224.44 (AUD)	1,009 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,449.63 (AUD)	1,039 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,629.05 (AUD)	1,067 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.17 (AUD)	1 Ordinary Share
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	74,718.57 (AUD)	10,421 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	78.32 (AUD)	11 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,327.84 (AUD)	1,168 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	87,330.60 (AUD)	12,180 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,392.70 (AUD)	1,310 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	946.96 (AUD)	133 Ordinary Shares
8/11/2022	Morgan Stanley Australia Securities Limited	Buy	958.10 (AUD)	134 Ordinary Shares
8/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,640 Swaps
8/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	448 Swaps
8/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,855 Swaps
9/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	4,106 Ordinary Shares
9/11/2022	Morgan Stanley & Co. International plc	Buy	220.35	28 Ordinary Shares
9/11/2022	Morgan Stanley & Co. International plc	Buy	23,399.22	2,977 Ordinary Shares
9/11/2022	Morgan Stanley & Co. International plc	Buy	53,086.43	6,758 Ordinary Shares
9/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,325 Swaps

9/11/2022	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	57,173 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,006.60 (AUD)	140 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,086.00 (AUD)	150 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,100.48 (AUD)	152 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,101.60 (AUD)	153 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,109.02 (AUD)	155 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,464.64 (AUD)	203 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,491.36 (AUD)	208 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,493.50 (AUD)	206 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,514.98 (AUD)	211 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,518.30 (AUD)	210 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,621.12 (AUD)	225 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,723.19 (AUD)	239 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,733.93 (AUD)	242 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,787.82 (AUD)	249 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,994.40 (AUD)	277 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,996.85 (AUD)	276 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,252.51 (AUD)	1,421 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	101.78 (AUD)	14 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	115,147.85 (AUD)	16,015 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	115.04 (AUD)	16 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	116.00 (AUD)	16 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,499.20 (AUD)	1,736 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,728.43 (AUD)	1,774 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,435.92 (AUD)	1,870 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	136.61 (AUD)	19 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	14.47 (AUD)	2 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	157.52 (AUD)	22 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	19,076.14 (AUD)	2,655 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	19,654.20 (AUD)	2,745 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,036.04 (AUD)	282 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,054.92 (AUD)	287 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,080.80 (AUD)	288 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,151.56 (AUD)	298 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,347.20 (AUD)	326 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,678.40 (AUD)	372 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,681.87 (AUD)	373 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,706.86 (AUD)	377 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,961.21 (AUD)	413 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	22,511.89 (AUD)	3,131 Ordinary Shares

9/11/2022	Morgan Stanley Australia Securities Limited	Buy	229.12 (AUD)	32 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,080.22 (AUD)	429 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,264.62 (AUD)	455 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,628.80 (AUD)	504 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,991.56 (AUD)	554 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,187.60 (AUD)	580 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,278.05 (AUD)	595 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,445.48 (AUD)	617 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,446.49 (AUD)	618 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,583.20 (AUD)	637 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,590.40 (AUD)	638 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,982.67 (AUD)	693 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	415.57 (AUD)	58 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	42.96 (AUD)	6 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	454.23 (AUD)	63 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	47,008.22 (AUD)	6,538 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	47,971.68 (AUD)	6,672 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	486.42 (AUD)	66 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,869.14 (AUD)	818 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	50,854.87 (AUD)	7,073 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	518.40 (AUD)	72 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	537.75 (AUD)	75 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	574.33 (AUD)	79 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	609.87 (AUD)	85 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	625.09 (AUD)	87 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	672.57 (AUD)	94 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	674.92 (AUD)	94 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	684.95 (AUD)	95 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,313.86 (AUD)	1,013 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,333.80 (AUD)	1,020 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,925.04 (AUD)	1,103 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.37 (AUD)	1 Ordinary Share
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	700.34 (AUD)	97 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	76,753.25 (AUD)	10,675 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	774.68 (AUD)	107 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	79.69 (AUD)	11 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	854.42 (AUD)	119 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	901.25 (AUD)	125 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	914.40 (AUD)	127 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	955.68 (AUD)	132 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	956.27 (AUD)	133 Ordinary Shares
9/11/2022	Morgan Stanley Australia Securities Limited	Buy	962.92 (AUD)	133 Ordinary Shares
9/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,204 Swaps
9/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	53 Swaps
10/11/2022	Morgan Stanley & Co. International plc	Buy	228.41	29 Ordinary Shares
10/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	87 Swaps
10/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,519 Swaps

10/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	80,267 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,065.60 (AUD)	148 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,109.57 (AUD)	154 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,165.59 (AUD)	162 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,272.63 (AUD)	177 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,377.11 (AUD)	191 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,428.82 (AUD)	199 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,765.22 (AUD)	245 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,797.50 (AUD)	250 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,932.28 (AUD)	268 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,991.63 (AUD)	277 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,172.67 (AUD)	1,693 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	122.48 (AUD)	17 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	16,680.80 (AUD)	2,320 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	180.00 (AUD)	25 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,213.47 (AUD)	307 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,455.20 (AUD)	341 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,696.54 (AUD)	374 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	238.09 (AUD)	33 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	243.78 (AUD)	34 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	26,590.48 (AUD)	3,688 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	260,659.07 (AUD)	36,253 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	264.92 (AUD)	37 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	265.29 (AUD)	37 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,679.20 (AUD)	511 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	32,858.30 (AUD)	4,570 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,023.60 (AUD)	560 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,078.24 (AUD)	568 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	40,760.11 (AUD)	5,669 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	43.11 (AUD)	6 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,169.61 (AUD)	719 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,606.28 (AUD)	783 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	624.22 (AUD)	87 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,845.98 (AUD)	1,092 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	713.79 (AUD)	99 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	745.68 (AUD)	104 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	747.76 (AUD)	104 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	747.76 (AUD)	104 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	796.98 (AUD)	111 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,472.40 (AUD)	1,180 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,513.24 (AUD)	1,189 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	841.81 (AUD)	117 Ordinary Shares
10/11/2022	Morgan Stanley Australia Securities Limited	Buy	985.71 (AUD)	137 Ordinary Shares
10/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,956 Swaps
10/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,990 Swaps

10/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	936 Swaps
11/11/2022	Morgan Stanley & Co. International plc	Buy	240.26	30 Ordinary Shares
11/11/2022	Morgan Stanley & Co. International plc	Buy	393.12	49 Ordinary Shares
11/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,342 Swaps
11/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,510 Swaps
11/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	6,326 Swaps
11/11/2022	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	4,839,683 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,055.52 (AUD)	144 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,145.04 (AUD)	156 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,275.75 (AUD)	175 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,629.48 (AUD)	222 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,677.06 (AUD)	231 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,781.20 (AUD)	244 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,858.56 (AUD)	256 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,977.44 (AUD)	272 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,679.25 (AUD)	1,473 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	130.68 (AUD)	18 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	164,770.75 (AUD)	22,727 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	165,662.50 (AUD)	22,850 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,111.20 (AUD)	290 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,199.00 (AUD)	300 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,224.39 (AUD)	301 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,245.32 (AUD)	308 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	211.12 (AUD)	29 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	22,910.00 (AUD)	3,160 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	24,599.25 (AUD)	3,393 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,046.13 (AUD)	419 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,596.32 (AUD)	494 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	327.60 (AUD)	45 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	336.72 (AUD)	46 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,420.16 (AUD)	608 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,597.99 (AUD)	629 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,919.04 (AUD)	672 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	47,074.25 (AUD)	6,493 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	554.80 (AUD)	76 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,409.00 (AUD)	884 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,741.28 (AUD)	926 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,908.72 (AUD)	949 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	65.43 (AUD)	9 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,056.72 (AUD)	968 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.25 (AUD)	1 Ordinary Share
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,475.30 (AUD)	1,161 Ordinary Shares

11/11/2022	Morgan Stanley Australia Securities Limited	Buy	852.93 (AUD)	117 Ordinary Shares
11/11/2022	Morgan Stanley Australia Securities Limited	Buy	954.99 (AUD)	131 Ordinary Shares
11/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	16,758 Swaps
11/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,071 Swaps
11/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,779 Swaps
14/11/2022	Morgan Stanley & Co. International plc	Buy	126.49	16 Ordinary Shares
14/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,604 Swaps
14/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	329 Swaps
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,246.46 (AUD)	173 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,256.28 (AUD)	174 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,305.91 (AUD)	181 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,440.00 (AUD)	200 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,718.36 (AUD)	238 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,802.50 (AUD)	250 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,809.71 (AUD)	251 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,813.47 (AUD)	251 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,824.13 (AUD)	253 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,551.20 (AUD)	2,021 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,166.00 (AUD)	300 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,721.60 (AUD)	378 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	25,182.09 (AUD)	3,483 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	281.19 (AUD)	39 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,929.45 (AUD)	545 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	447.95 (AUD)	62 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	613.70 (AUD)	85 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	657.02 (AUD)	91 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	692.16 (AUD)	96 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,880.60 (AUD)	1,230 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	849.60 (AUD)	118 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	873.62 (AUD)	121 Ordinary Shares
14/11/2022	Morgan Stanley Australia Securities Limited	Buy	901.25 (AUD)	125 Ordinary Shares
14/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,753 Swaps
14/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
14/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	250 Swaps
14/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,215 Swaps
15/11/2022	Morgan Stanley & Co. International plc	Buy	293.57	37 Ordinary Shares
15/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	2,345 Swaps
15/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	26,831 Swaps
15/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,460 Swaps
15/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	4,330,700 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,012.20 (AUD)	140 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,029.50 (AUD)	142 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,103.13 (AUD)	153 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,174.50 (AUD)	162 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,437.48 (AUD)	198 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,754.46 (AUD)	243 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,964.75 (AUD)	271 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	108.15 (AUD)	15 Ordinary Shares

15/11/2022	Morgan Stanley Australia Securities Limited	Buy	115.84 (AUD)	16 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	123.25 (AUD)	17 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,997.28 (AUD)	1,928 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,775.98 (AUD)	2,173 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	188.37 (AUD)	26 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,108.24 (AUD)	292 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,476.46 (AUD)	343 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,541.44 (AUD)	352 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,990.07 (AUD)	415 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	224.13 (AUD)	31 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	224.44 (AUD)	31 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	296.43 (AUD)	41 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,058.29 (AUD)	423 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,242.69 (AUD)	451 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,431.76 (AUD)	474 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,613.19 (AUD)	497 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	381.68 (AUD)	52 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,379.00 (AUD)	604 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	447.64 (AUD)	62 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	455.49 (AUD)	63 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,263.50 (AUD)	725 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,799.24 (AUD)	801 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	576.80 (AUD)	80 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	580.00 (AUD)	80 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	593.27 (AUD)	82 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,204.68 (AUD)	857 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,541.26 (AUD)	901 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,617.36 (AUD)	914 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,918.78 (AUD)	953 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	623.07 (AUD)	86 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	643.47 (AUD)	89 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	719.32 (AUD)	98 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	731.24 (AUD)	101 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	784.80 (AUD)	109 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	79.42 (AUD)	11 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	86.88 (AUD)	12 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	897.50 (AUD)	125 Ordinary Shares
15/11/2022	Morgan Stanley Australia Securities Limited	Buy	900.00 (AUD)	125 Ordinary Shares
15/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	110 Swaps
15/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,791 Swaps
15/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,729 Swaps
16/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	1,654 Ordinary Shares
16/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	5,000 Ordinary Shares
16/11/2022	Morgan Stanley & Co. International plc	Buy	182.63	23 Ordinary Shares
16/11/2022	Morgan Stanley & Co. International plc	Buy	851.72	107 Ordinary Shares
16/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	11,490 Swaps
16/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	2,352 Swaps
16/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	3,599,438 Ordinary Shares

16/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,518.30 (AUD)	210 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,566.74 (AUD)	217 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	13,401.24 (AUD)	1,851 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	14.40 (AUD)	2 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	144.60 (AUD)	20 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	173.52 (AUD)	24 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,056.16 (AUD)	284 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,286.90 (AUD)	315 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	224.44 (AUD)	31 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,161.50 (AUD)	574 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,777.75 (AUD)	659 Ordinary Shares
16/11/2022	Morgan Stanley Australia Securities Limited	Buy	68,077.50 (AUD)	9,390 Ordinary Shares
16/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,480 Swaps
16/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	341 Swaps
17/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	15,000 Ordinary Shares
17/11/2022	Morgan Stanley & Co. International plc	Buy	42,560.00	5,320 Ordinary Shares
17/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	12,273 Swaps
17/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,872 Swaps
17/11/2022	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	2,309,387 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,043.90 (AUD)	143 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	11,453.70 (AUD)	1,569 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,607.10 (AUD)	1,727 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	26,526.76 (AUD)	3,614 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	33,654.50 (AUD)	4,642 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,027.90 (AUD)	685 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	528.48 (AUD)	72 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	53,281.06 (AUD)	7,259 Ordinary Shares
17/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,903.50 (AUD)	1,366 Ordinary Shares
17/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	343 Swaps
17/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,437 Swaps
18/11/2022	Morgan Stanley & Co. International plc	Buy	177.07	22 Ordinary Shares
18/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,195 Swaps
18/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,556,570 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,183.35 (AUD)	161 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,252.29 (AUD)	169 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,296.75 (AUD)	175 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,863.30 (AUD)	1,478 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	117.44 (AUD)	16 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,285.85 (AUD)	311 Ordinary Shares

18/11/2022	Morgan Stanley Australia Securities Limited	Buy	20,014.41 (AUD)	2,701 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	228.47 (AUD)	31 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,257.54 (AUD)	442 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,675.36 (AUD)	496 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,268.16 (AUD)	576 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,771.00 (AUD)	650 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	570.57 (AUD)	77 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	622.44 (AUD)	84 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	638.98 (AUD)	86 Ordinary Shares
18/11/2022	Morgan Stanley Australia Securities Limited	Buy	667.80 (AUD)	90 Ordinary Shares
18/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,160 Swaps
18/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,791 Swaps
18/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	48 Swaps
21/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1 Swap
21/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1 Swap
21/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	2,251 Swaps
21/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	2,612 Swaps
21/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	2,853 Swaps
21/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	853,030 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,359.00 (AUD)	180 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,631.85 (AUD)	215 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,940.35 (AUD)	257 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	128.35 (AUD)	17 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	151.20 (AUD)	20 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,079.00 (AUD)	275 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,206.06 (AUD)	292 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,804.76 (AUD)	371 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	294.45 (AUD)	39 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	354.85 (AUD)	47 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	37.80 (AUD)	5 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	422.80 (AUD)	56 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,395.76 (AUD)	846 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	695.52 (AUD)	92 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,711.44 (AUD)	1,016 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,726.62 (AUD)	1,018 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	716.30 (AUD)	95 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	735.26 (AUD)	97 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	749.43 (AUD)	99 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	75.65 (AUD)	10 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	754.00 (AUD)	100 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	772.14 (AUD)	102 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	790.40 (AUD)	104 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	791.44 (AUD)	104 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	914.40 (AUD)	120 Ordinary Shares
21/11/2022	Morgan Stanley Australia Securities Limited	Buy	943.75 (AUD)	125 Ordinary Shares
21/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,112 Swaps
21/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	137 Swaps
21/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	143 Swaps
21/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,488 Swaps

21/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,098 Swaps
21/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,365 Swaps
22/11/2022	Morgan Stanley & Co. International plc	Buy	5,753.79	700 Ordinary Shares
22/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	6,270 Swaps
22/11/2022	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	1,035,048 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,086.80 (AUD)	143 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,209.99 (AUD)	159 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,265.86 (AUD)	167 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,344.31 (AUD)	177 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,368.90 (AUD)	180 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,373.79 (AUD)	181 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,795.96 (AUD)	236 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	16,834.62 (AUD)	2,218 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	182.16 (AUD)	24 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,318.00 (AUD)	304 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,851.86 (AUD)	375 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	204.66 (AUD)	27 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,459.46 (AUD)	586 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	54,549.33 (AUD)	7,187 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	705.87 (AUD)	93 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	75.80 (AUD)	10 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,882.18 (AUD)	1,302 Ordinary Shares
22/11/2022	Morgan Stanley Australia Securities Limited	Buy	963.29 (AUD)	127 Ordinary Shares
22/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,313 Swaps
22/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,223 Swaps
22/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	543 Swaps
22/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6 Swaps
23/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	10,000 Ordinary Shares
23/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,629 Swaps
23/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,835 Swaps
23/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	257,507 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,079.20 (AUD)	142 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,141.50 (AUD)	150 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,147.60 (AUD)	151 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,963.38 (AUD)	258 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	114.45 (AUD)	15 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,283.00 (AUD)	300 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	220.40 (AUD)	29 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	50,167.60 (AUD)	6,601 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	577.60 (AUD)	76 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,348.16 (AUD)	832 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,704.41 (AUD)	881 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,917.49 (AUD)	909 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	630.80 (AUD)	83 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	782.80 (AUD)	103 Ordinary Shares

23/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,261.20 (AUD)	1,087 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,671.60 (AUD)	1,141 Ordinary Shares
23/11/2022	Morgan Stanley Australia Securities Limited	Buy	972.80 (AUD)	128 Ordinary Shares
23/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,161 Swaps
23/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,905 Swaps
23/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	374 Swaps
23/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	43 Swaps
23/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	779 Swaps
24/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,402 Swaps
24/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,626 Swaps
24/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	454 Swaps
24/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	17,296 Ordinary Shares
24/11/2022	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	1,908 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,063.30 (AUD)	140 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,423.16 (AUD)	188 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,672.06 (AUD)	218 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,834.01 (AUD)	241 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,790.40 (AUD)	1,405 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	11,399.22 (AUD)	1,494 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,573.25 (AUD)	1,905 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	159.70 (AUD)	21 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	190.50 (AUD)	25 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	197.08 (AUD)	26 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,074.80 (AUD)	273 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,080.26 (AUD)	273 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,043.59 (AUD)	401 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,375.66 (AUD)	443 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,825.00 (AUD)	500 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,924.45 (AUD)	513 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	38,412.42 (AUD)	5,041 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,314.60 (AUD)	564 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,508.46 (AUD)	594 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,584.00 (AUD)	600 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,838.40 (AUD)	630 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,327.00 (AUD)	700 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,851.89 (AUD)	771 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	534.10 (AUD)	70 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	554.80 (AUD)	73 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	6,632.50 (AUD)	875 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	645.57 (AUD)	85 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,191.50 (AUD)	950 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.65 (AUD)	1 Ordinary Share
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	708.66 (AUD)	93 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	724.85 (AUD)	95 Ordinary Shares

24/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,262.00 (AUD)	1,080 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	861.62 (AUD)	113 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	9,034.65 (AUD)	1,181 Ordinary Shares
24/11/2022	Morgan Stanley Australia Securities Limited	Buy	936.03 (AUD)	123 Ordinary Shares
24/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	14,204 Swaps
24/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17 Swaps
24/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,992 Swaps
24/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	215 Swaps
24/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	792 Swaps
25/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	10,000 Ordinary Shares
25/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	875 Swaps
25/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	981 Swaps
25/11/2022	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	988,034 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,989.00 (AUD)	260 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	129.71 (AUD)	17 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,818.05 (AUD)	1,937 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	145.16 (AUD)	19 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	19,634.80 (AUD)	2,570 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,590.76 (AUD)	338 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,786.40 (AUD)	360 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,147.68 (AUD)	412 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,877.74 (AUD)	501 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	351.44 (AUD)	46 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	381.50 (AUD)	50 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,753.49 (AUD)	623 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,874.32 (AUD)	638 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,920.16 (AUD)	644 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,938.12 (AUD)	638 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,820.48 (AUD)	752 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,867.55 (AUD)	767 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	566.10 (AUD)	74 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	627.30 (AUD)	82 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,548.56 (AUD)	1,116 Ordinary Shares
25/11/2022	Morgan Stanley Australia Securities Limited	Buy	936.54 (AUD)	121 Ordinary Shares
25/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,483 Swaps
25/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,969 Swaps
25/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	388 Swaps
25/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	413 Swaps
25/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	93 Swaps
28/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,713 Swaps
28/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,105 Swaps
28/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,108,639 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,155.15 (AUD)	151 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,172.74 (AUD)	153 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,536.00 (AUD)	200 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	107.59 (AUD)	14 Ordinary Shares

28/11/2022	Morgan Stanley Australia Securities Limited	Buy	115.05 (AUD)	15 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,060.70 (AUD)	1,838 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	16,256.66 (AUD)	2,114 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	160.44 (AUD)	21 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	18,702.08 (AUD)	2,432 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,105.68 (AUD)	274 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,279.70 (AUD)	298 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,452.80 (AUD)	320 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,870.44 (AUD)	374 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,880.16 (AUD)	376 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	21,555.07 (AUD)	2,803 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	22,188.04 (AUD)	2,908 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	235.91 (AUD)	31 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	29,452.70 (AUD)	3,830 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,480.75 (AUD)	455 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	30.68 (AUD)	4 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	38.25 (AUD)	5 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,744.73 (AUD)	617 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	430.64 (AUD)	56 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	505.56 (AUD)	66 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	519.86 (AUD)	68 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	542.44 (AUD)	71 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	620.46 (AUD)	81 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	697.06 (AUD)	91 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.66 (AUD)	1 Ordinary Share
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	703.80 (AUD)	92 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	815.14 (AUD)	106 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	92.04 (AUD)	12 Ordinary Shares
28/11/2022	Morgan Stanley Australia Securities Limited	Buy	99.71 (AUD)	13 Ordinary Shares
28/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,756 Swaps
28/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,637 Swaps
28/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,879 Swaps
28/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	317 Swaps
28/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	382 Swaps
29/11/2022	Morgan Stanley & Co. International plc	Buy	287.59	35 Ordinary Shares
29/11/2022	Morgan Stanley & Co. International plc	Buy	27,297.27	3,333 Ordinary Shares
29/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	633 Swaps
29/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	761 Swaps
29/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	983 Swaps
29/11/2022	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	53,917 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,654.56 (AUD)	216 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,733.42 (AUD)	226 Ordinary Shares

29/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,737.94 (AUD)	226 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,849.23 (AUD)	243 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	12,678.51 (AUD)	1,653 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,174.46 (AUD)	1,981 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,516.79 (AUD)	2,039 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	176.18 (AUD)	23 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	18,109.44 (AUD)	2,358 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,281.37 (AUD)	299 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,676.12 (AUD)	348 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	34,799.85 (AUD)	4,549 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,368.15 (AUD)	571 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	464.21 (AUD)	61 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	476.16 (AUD)	62 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	489.60 (AUD)	64 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,715.00 (AUD)	750 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	530.26 (AUD)	69 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	535.85 (AUD)	70 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	552.60 (AUD)	72 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	559.18 (AUD)	73 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	611.20 (AUD)	80 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	613.20 (AUD)	80 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	634.95 (AUD)	83 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	662.50 (AUD)	87 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	7,550.55 (AUD)	987 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	773.66 (AUD)	101 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,143.71 (AUD)	1,059 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	8,855.04 (AUD)	1,153 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	860.16 (AUD)	112 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	862.75 (AUD)	113 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	91.80 (AUD)	12 Ordinary Shares
29/11/2022	Morgan Stanley Australia Securities Limited	Buy	996.91 (AUD)	131 Ordinary Shares
29/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,310 Swaps
29/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,368 Swaps
29/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	494 Swaps
29/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,957 Swaps
30/11/2022	Morgan Stanley & Co. International plc	Borrow	N/A	56,005 Ordinary Shares
30/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	6,102 Swaps
30/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	706 Swaps
30/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	665,477 Ordinary Shares
30/11/2022	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	1,305 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,073.93 (AUD)	143 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,111.50 (AUD)	150 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,292.76 (AUD)	171 Ordinary Shares

30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,657.88 (AUD)	218 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,816.80 (AUD)	240 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,842.20 (AUD)	244 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	1,908.85 (AUD)	251 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	10,277.67 (AUD)	1,387 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	120.00 (AUD)	16 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	134,165.46 (AUD)	18,106 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,056.77 (AUD)	1,897 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	14,686.62 (AUD)	1,982 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	15,924.09 (AUD)	2,149 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,262.00 (AUD)	300 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	2,350.63 (AUD)	313 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	217.21 (AUD)	29 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	22,185.54 (AUD)	2,994 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	239.36 (AUD)	32 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	250.47 (AUD)	33 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	27,090.96 (AUD)	3,656 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	277,978.74 (AUD)	37,514 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	29,002.74 (AUD)	3,914 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,003.49 (AUD)	401 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	3,414.07 (AUD)	451 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	315.42 (AUD)	42 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	33,248.67 (AUD)	4,487 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	37.85 (AUD)	5 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,379.43 (AUD)	577 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	4,933.50 (AUD)	650 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	400.14 (AUD)	54 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	405.54 (AUD)	54 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	405.54 (AUD)	54 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	439.64 (AUD)	58 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	460.55 (AUD)	61 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	5,373.91 (AUD)	717 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	513.74 (AUD)	68 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	529.20 (AUD)	70 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	537.82 (AUD)	71 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	559.81 (AUD)	74 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	585.58 (AUD)	77 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	59,850.57 (AUD)	8,077 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	590.85 (AUD)	78 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	60.64 (AUD)	8 Ordinary Shares

30/11/2022	Morgan Stanley Australia Securities Limited	Buy	61,666.02 (AUD)	8,322 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	618.28 (AUD)	82 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	627.89 (AUD)	83 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	68,357.25 (AUD)	9,225 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	7.59 (AUD)	1 Ordinary Share
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	75.00 (AUD)	10 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	83,903.43 (AUD)	11,323 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	91.08 (AUD)	12 Ordinary Shares
30/11/2022	Morgan Stanley Australia Securities Limited	Buy	97,359.99 (AUD)	13,139 Ordinary Shares
30/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	28,512 Swaps
1/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,200 Swaps
1/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	100,495 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,281.40 (AUD)	172 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,400.60 (AUD)	188 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,548.36 (AUD)	207 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,145.12 (AUD)	1,498 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,600.30 (AUD)	1,555 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	119.04 (AUD)	16 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	150.00 (AUD)	20 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,798.05 (AUD)	2,389 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,987.76 (AUD)	2,408 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	18,329.81 (AUD)	2,467 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	19,885.14 (AUD)	2,662 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,029.12 (AUD)	272 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,084.13 (AUD)	279 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,428.70 (AUD)	326 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,992.00 (AUD)	400 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	238.08 (AUD)	32 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	238.40 (AUD)	32 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	308.93 (AUD)	41 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	336.15 (AUD)	45 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	390.00 (AUD)	52 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	40,123.92 (AUD)	5,393 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	46,916.64 (AUD)	6,306 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	480.00 (AUD)	64 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,654.40 (AUD)	760 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	529.66 (AUD)	71 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	581.88 (AUD)	78 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	596.45 (AUD)	79 Ordinary Shares

1/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,705.00 (AUD)	900 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	60.24 (AUD)	8 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	65,613.36 (AUD)	8,819 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	66,446.64 (AUD)	8,931 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,923.60 (AUD)	1,065 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.47 (AUD)	1 Ordinary Share
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	728.14 (AUD)	98 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	781.04 (AUD)	104 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,150.30 (AUD)	1,094 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,637.84 (AUD)	1,161 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	814.23 (AUD)	109 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	88,119.36 (AUD)	11,844 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	883.82 (AUD)	118 Ordinary Shares
1/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,274.85 (AUD)	1,235 Ordinary Shares
1/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,224 Swaps
1/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	584 Swaps
2/12/2022	Morgan Stanley & Co. International plc	Buy	6,065.39	747 Ordinary Shares
2/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	11,450 Swaps
2/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	19,009 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,438.27 (AUD)	1,511 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,069.60 (AUD)	2,120 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,034.12 (AUD)	268 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,387.70 (AUD)	315 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	22,528.32 (AUD)	2,976 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,757.32 (AUD)	497 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,880.70 (AUD)	514 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	31,272.10 (AUD)	4,142 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	33,461.60 (AUD)	4,432 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,602.56 (AUD)	608 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	409.59 (AUD)	54 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,949.40 (AUD)	788 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	50,249.66 (AUD)	6,638 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	68.31 (AUD)	9 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.55 (AUD)	1 Ordinary Share
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,022.63 (AUD)	1,057 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,531.50 (AUD)	1,130 Ordinary Shares
2/12/2022	Morgan Stanley Australia Securities Limited	Buy	938.68 (AUD)	124 Ordinary Shares
2/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,697 Swaps
2/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	250 Swaps
2/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,557 Swaps
2/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,792 Swaps
5/12/2022	Morgan Stanley & Co. International plc	Borrow	N/A	9,848 Ordinary Shares

5/12/2022	Morgan Stanley & Co. International plc	Buy	56.93	7 Ordinary Shares
5/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	10,639 Swaps
5/12/2022	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	784,981 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,055.70 (AUD)	138 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,338.12 (AUD)	177 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,509.02 (AUD)	197 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,795.40 (AUD)	235 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,904.85 (AUD)	249 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	136.26 (AUD)	18 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,645.68 (AUD)	2,196 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,214.18 (AUD)	2,271 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	190.75 (AUD)	25 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	20,678.24 (AUD)	2,728 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	22.98 (AUD)	3 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	23,270.60 (AUD)	3,070 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	27,674.58 (AUD)	3,651 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	309.96 (AUD)	41 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	327.66 (AUD)	43 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	413.64 (AUD)	54 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,252.94 (AUD)	693 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,457.60 (AUD)	720 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	511.88 (AUD)	67 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	53.48 (AUD)	7 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	534.80 (AUD)	70 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	626.48 (AUD)	82 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	711.58 (AUD)	94 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	816.48 (AUD)	108 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	885.08 (AUD)	116 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	96,281.16 (AUD)	12,702 Ordinary Shares
5/12/2022	Morgan Stanley Australia Securities Limited	Buy	961.38 (AUD)	126 Ordinary Shares
5/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,148 Swaps
5/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
5/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,688 Swaps
6/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	12,278 Swaps
6/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	926 Swaps
6/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	755,562 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,001.49 (AUD)	131 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,630.28 (AUD)	212 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	230.70 (AUD)	30 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,062.80 (AUD)	403 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,815.20 (AUD)	502 Ordinary Shares

6/12/2022	Morgan Stanley Australia Securities Limited	Buy	31,695.02 (AUD)	4,154 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	313.65 (AUD)	41 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,510.00 (AUD)	725 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	532.00 (AUD)	70 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	581.40 (AUD)	76 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	61.12 (AUD)	8 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	629.76 (AUD)	82 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	70,371.49 (AUD)	9,223 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	813.02 (AUD)	106 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	839.30 (AUD)	110 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,819.81 (AUD)	1,287 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,980.04 (AUD)	1,308 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	949.22 (AUD)	124 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	976.63 (AUD)	127 Ordinary Shares
6/12/2022	Morgan Stanley Australia Securities Limited	Buy	993.85 (AUD)	130 Ordinary Shares
6/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	156 Swaps
6/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	57 Swaps
7/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	17,172 Swaps
7/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	35 Swaps
7/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	39,267 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,199.48 (AUD)	157 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,260.60 (AUD)	165 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,286.88 (AUD)	168 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	114.52 (AUD)	15 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	13,142.70 (AUD)	1,718 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,232.33 (AUD)	292 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,788.60 (AUD)	365 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	34,647.40 (AUD)	4,535 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,745.00 (AUD)	750 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	605.93 (AUD)	79 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	610.40 (AUD)	80 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	610.80 (AUD)	80 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	614.00 (AUD)	80 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	618.84 (AUD)	81 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	635.36 (AUD)	83 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	674.52 (AUD)	88 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.68 (AUD)	1 Ordinary Share
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	78,963.30 (AUD)	10,322 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,634.81 (AUD)	1,128 Ordinary Shares
7/12/2022	Morgan Stanley Australia Securities Limited	Buy	923.83 (AUD)	121 Ordinary Shares
7/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,150 Swaps
7/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,626 Swaps
7/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	290 Swaps
7/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	909 Swaps
8/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	6,318 Swaps
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,538.00 (AUD)	200 Ordinary Shares

8/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,598.04 (AUD)	207 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,356.12 (AUD)	1,471 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	138.96 (AUD)	18 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	21,860.30 (AUD)	2,839 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,006.68 (AUD)	519 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	411.28 (AUD)	53 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	493.44 (AUD)	64 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,180.12 (AUD)	671 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	51,453.80 (AUD)	6,665 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	580.50 (AUD)	75 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	652.68 (AUD)	84 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	663.92 (AUD)	86 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	689.75 (AUD)	89 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,581.04 (AUD)	982 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,905.28 (AUD)	1,024 Ordinary Shares
8/12/2022	Morgan Stanley Australia Securities Limited	Buy	856.92 (AUD)	111 Ordinary Shares
8/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,084 Swaps
8/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	126 Swaps
8/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,607 Swaps
8/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,685 Swaps
8/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,218 Swaps
9/12/2022	Morgan Stanley & Co. International plc	Buy	15139.01	1,853 Ordinary Shares
9/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	119 Swaps
9/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,082 Swaps
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,298.64 (AUD)	168 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,298.64 (AUD)	168 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,831.40 (AUD)	238 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,835.94 (AUD)	2,178 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	161.70 (AUD)	21 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	18,202.80 (AUD)	2,364 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,385.48 (AUD)	309 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,424.08 (AUD)	314 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,565.75 (AUD)	333 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,729.34 (AUD)	354 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	253.77 (AUD)	33 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	27,560.40 (AUD)	3,570 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,203.20 (AUD)	416 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,831.58 (AUD)	496 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	316.31 (AUD)	41 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	45,984.40 (AUD)	5,972 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	500.50 (AUD)	65 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	509.52 (AUD)	66 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,707.70 (AUD)	870 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	615.41 (AUD)	79 Ordinary Shares

9/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,205.53 (AUD)	937 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,100.40 (AUD)	1,052 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	824.97 (AUD)	107 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	825.50 (AUD)	107 Ordinary Shares
9/12/2022	Morgan Stanley Australia Securities Limited	Buy	84.75 (AUD)	11 Ordinary Shares
9/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,981 Swaps
9/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	11,090 Swaps
9/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,847 Swaps
9/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	212 Swaps
9/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	509 Swaps
12/12/2022	Morgan Stanley & Co. International plc	Buy	252.6	31 Ordinary Shares
12/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	119 Swaps
12/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,413 Swaps
12/12/2022	Morgan Stanley & Co. LLC	Buy	15.34 (AUD)	2 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,107.36 (AUD)	144 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,261.16 (AUD)	164 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	115.05 (AUD)	15 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	139,540.31 (AUD)	18,193 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,240.98 (AUD)	2,242 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	175,819.41 (AUD)	22,923 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	19,113.64 (AUD)	2,492 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	22,133.76 (AUD)	2,882 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	25,341.68 (AUD)	3,304 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	285.27 (AUD)	37 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	34,292.57 (AUD)	4,471 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,155.69 (AUD)	539 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	54,587.39 (AUD)	7,117 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,895.33 (AUD)	899 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	621.27 (AUD)	81 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	69.34 (AUD)	9 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,367.02 (AUD)	958 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.67 (AUD)	1 Ordinary Share
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	823.36 (AUD)	107 Ordinary Shares
12/12/2022	Morgan Stanley Australia Securities Limited	Buy	84.48 (AUD)	11 Ordinary Shares
12/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	226 Swaps
12/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	448 Swaps
12/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	477 Swaps
13/12/2022	Morgan Stanley & Co. International plc	Buy	24.86	3 Ordinary Shares
13/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	131 Swaps
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,023.10 (AUD)	130 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,032.28 (AUD)	131 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,136.16 (AUD)	144 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,466.64 (AUD)	189 Ordinary Shares

13/12/2022	Morgan Stanley Australia Securities Limited	Buy	101.66 (AUD)	13 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	119,453.95 (AUD)	15,295 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,390.80 (AUD)	2,088 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	178,708.42 (AUD)	22,882 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,074.95 (AUD)	265 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,292.20 (AUD)	292 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	35,613.60 (AUD)	4,560 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	35,855.71 (AUD)	4,591 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	35,855.71 (AUD)	4,591 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	354.60 (AUD)	45 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	39.20 (AUD)	5 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,969.05 (AUD)	633 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,037.13 (AUD)	773 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	622.52 (AUD)	79 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	660.24 (AUD)	84 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.81 (AUD)	1 Ordinary Share
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	746.88 (AUD)	96 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	747.84 (AUD)	96 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	799.17 (AUD)	102 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	811.20 (AUD)	104 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	906.20 (AUD)	115 Ordinary Shares
13/12/2022	Morgan Stanley Australia Securities Limited	Buy	934.15 (AUD)	119 Ordinary Shares
13/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,546 Swaps
13/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	21,786 Swaps
14/12/2022	Morgan Stanley & Co. International plc	Buy	8.38	1 Ordinary Share
14/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	31,903 Swaps
14/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	742 Swaps
14/12/2022	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	719,812 Ordinary Shares
14/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,798.96 (AUD)	226 Ordinary Shares
14/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,340.24 (AUD)	294 Ordinary Shares
14/12/2022	Morgan Stanley Australia Securities Limited	Buy	672.52 (AUD)	86 Ordinary Shares
14/12/2022	Morgan Stanley Australia Securities Limited	Buy	689.04 (AUD)	88 Ordinary Shares
14/12/2022	Morgan Stanley Australia Securities Limited	Buy	768.32 (AUD)	98 Ordinary Shares
14/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,803.76 (AUD)	1,106 Ordinary Shares
14/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,315 Swaps
14/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	18,685 Swaps
14/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,147 Swaps
15/12/2022	Morgan Stanley & Co. International plc	Buy	8.15	1 Ordinary Share
15/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	20,241 Swaps
15/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,074 Swaps
15/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	621,017 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,036.20 (AUD)	132 Ordinary Shares

15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,095.53 (AUD)	142 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,256.73 (AUD)	163 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,257.54 (AUD)	163 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,346.62 (AUD)	175 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,346.62 (AUD)	175 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,546.44 (AUD)	196 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,628.11 (AUD)	209 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,638.76 (AUD)	212 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,926.25 (AUD)	250 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	10,007.58 (AUD)	1,298 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	10,688.32 (AUD)	1,389 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	13,374.90 (AUD)	1,737 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	147.44 (AUD)	19 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	188.88 (AUD)	24 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,203.84 (AUD)	284 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,235.73 (AUD)	287 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,245.48 (AUD)	292 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,284.38 (AUD)	294 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,377.28 (AUD)	304 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,577.42 (AUD)	333 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,974.10 (AUD)	386 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	223.01 (AUD)	29 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	227.65 (AUD)	29 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	25,302.20 (AUD)	3,286 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	29,752.89 (AUD)	3,859 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,057.54 (AUD)	389 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,100.72 (AUD)	392 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,103.74 (AUD)	401 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,186.29 (AUD)	413 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,896.20 (AUD)	506 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,998.96 (AUD)	518 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	36,753.57 (AUD)	4,767 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,316.75 (AUD)	557 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,859.60 (AUD)	760 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	51,587.85 (AUD)	6,555 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	54,570.58 (AUD)	6,934 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	550.96 (AUD)	71 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	552.96 (AUD)	72 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,307.24 (AUD)	817 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,594.55 (AUD)	965 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	701.32 (AUD)	89 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	74,442.33 (AUD)	9,459 Ordinary Shares

15/12/2022	Morgan Stanley Australia Securities Limited	Buy	750.78 (AUD)	97 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	752.64 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	754.60 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	755.09 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	755.58 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	757.54 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	757.54 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	758.03 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	762.44 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	763.42 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	771.26 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	776.16 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	778.12 (AUD)	98 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	78,834.75 (AUD)	10,225 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,284.44 (AUD)	1,054 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,912.76 (AUD)	1,156 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	901.48 (AUD)	117 Ordinary Shares
15/12/2022	Morgan Stanley Australia Securities Limited	Buy	968.30 (AUD)	126 Ordinary Shares
15/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,010 Swaps
15/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,147 Swaps
15/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,294 Swaps
15/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,537 Swaps
15/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,416 Swaps
16/12/2022	Morgan Stanley & Co. International plc	Buy	121.92 (AUD)	16 Ordinary Shares
16/12/2022	Morgan Stanley & Co. International plc	Buy	4,160.52 (AUD)	546 Ordinary Shares
16/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,939 Swaps
16/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,526 Swaps
16/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	990 Swaps
16/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	144,417 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,024.76 (AUD)	133 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,026.09 (AUD)	133 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,141.45 (AUD)	147 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,151.44 (AUD)	148 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,698.22 (AUD)	218 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	103,342.44 (AUD)	13,562 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	116,348.12 (AUD)	15,071 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	13,604.80 (AUD)	1,760 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	134,440.16 (AUD)	17,392 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	137,038.08 (AUD)	17,984 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	15,104.42 (AUD)	1,954 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	15,232.38 (AUD)	1,999 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	15,571.24 (AUD)	2,017 Ordinary Shares

16/12/2022	Morgan Stanley Australia Securities Limited	Buy	159,570.42 (AUD)	20,941 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,515.25 (AUD)	2,131 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	162,839.40 (AUD)	21,370 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,098.76 (AUD)	2,212 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,120.88 (AUD)	2,212 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	18,022.23 (AUD)	2,336 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	18,515.36 (AUD)	2,386 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	19,309.08 (AUD)	2,534 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	19,909.88 (AUD)	2,579 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,056.40 (AUD)	265 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,140.38 (AUD)	276 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,471.99 (AUD)	320 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,501.63 (AUD)	323 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	22,730.46 (AUD)	2,983 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	28,773.12 (AUD)	3,776 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	33,710.88 (AUD)	4,424 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	37,155.12 (AUD)	4,876 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	397.03 (AUD)	51 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,170.24 (AUD)	543 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	514.56 (AUD)	67 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	523.27 (AUD)	67 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,599.76 (AUD)	856 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	613.04 (AUD)	79 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	643.25 (AUD)	83 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	678.60 (AUD)	87 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	756.60 (AUD)	97 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	760.48 (AUD)	98 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	791.52 (AUD)	102 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	829,642.74 (AUD)	108,877 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	838.62 (AUD)	108 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	848.65 (AUD)	110 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	851.95 (AUD)	110 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	895.52 (AUD)	116 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	895.85 (AUD)	115 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	950.17 (AUD)	123 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	951.40 (AUD)	123 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	959.14 (AUD)	124 Ordinary Shares
16/12/2022	Morgan Stanley Australia Securities Limited	Buy	993.28 (AUD)	128 Ordinary Shares

16/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,428 Swaps
16/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	326 Swaps
16/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,297 Swaps
16/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	714 Swaps
16/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	911 Swaps
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	12,478.68	1,530 Ordinary Shares
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	12658.11	1,552 Ordinary Shares
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	17,233.63	2,113 Ordinary Shares
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	17,519.09	2,148 Ordinary Shares
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	35,633.56	4,369 Ordinary Shares
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	42598.79	5,223 Ordinary Shares
16/12/2022	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	214641.45	26,317 Ordinary Shares
19/12/2022	Morgan Stanley & Co. International plc	Buy	4995.61	607 Ordinary Shares
19/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	139 Swaps
19/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,386 Swaps
19/12/2022	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	602,751 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,006.20 (AUD)	129 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,050.30 (AUD)	135 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,051.65 (AUD)	135 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,076.40 (AUD)	138 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,080.03 (AUD)	139 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,140.26 (AUD)	146 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,201.05 (AUD)	153 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,313.76 (AUD)	168 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,330.38 (AUD)	171 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,386.62 (AUD)	178 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,698.22 (AUD)	218 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,773.84 (AUD)	228 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,952.16 (AUD)	249 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	100.62 (AUD)	13 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	109,954.95 (AUD)	14,007 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	132.26 (AUD)	17 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	170,933.75 (AUD)	21,775 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,449.20 (AUD)	314 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,491.39 (AUD)	319 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,614.05 (AUD)	333 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	280.08 (AUD)	36 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	297.54 (AUD)	38 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,684.67 (AUD)	473 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,320.12 (AUD)	556 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,810.32 (AUD)	612 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,937.40 (AUD)	633 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	544.60 (AUD)	70 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	553.09 (AUD)	71 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	595.84 (AUD)	76 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,146.56 (AUD)	784 Ordinary Shares

19/12/2022	Morgan Stanley Australia Securities Limited	Buy	61.92 (AUD)	8 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.83 (AUD)	1 Ordinary Share
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	706.50 (AUD)	90 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	716.68 (AUD)	92 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	719.44 (AUD)	92 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	724.47 (AUD)	93 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	725.40 (AUD)	93 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	757.57 (AUD)	97 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	770.22 (AUD)	99 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	778.00 (AUD)	100 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,179.50 (AUD)	1,050 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	820.05 (AUD)	105 Ordinary Shares
19/12/2022	Morgan Stanley Australia Securities Limited	Buy	966.78 (AUD)	123 Ordinary Shares
19/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,393 Swaps
19/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,318 Swaps
19/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	233 Swaps
19/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	355 Swaps
19/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,696 Swaps
20/12/2022	Morgan Stanley & Co. International plc	Buy	2599.01	316 Ordinary Shares
20/12/2022	Morgan Stanley & Co. International plc	Buy	26,041.43	3,190 Ordinary Shares
20/12/2022	Morgan Stanley & Co. International plc	Buy	24,222.63 (AUD)	3,130 Ordinary Shares
20/12/2022	Morgan Stanley & Co. International plc	Buy	4,169.17 (AUD)	539 Ordinary Shares
20/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,627 Swaps
20/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,766 Swaps
20/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	637,998 Ordinary Shares
20/12/2022	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	130 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,051.65 (AUD)	135 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,126.65 (AUD)	145 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,154.75 (AUD)	149 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,374.56 (AUD)	176 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,925.36 (AUD)	247 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	13,248.36 (AUD)	1,692 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	13,986.18 (AUD)	1,807 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	15.60 (AUD)	2 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,451.20 (AUD)	2,120 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,008.52 (AUD)	258 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,100.60 (AUD)	270 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,508.09 (AUD)	323 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	20,975.40 (AUD)	2,710 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,235.40 (AUD)	543 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,491.13 (AUD)	581 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	46.77 (AUD)	6 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,506.05 (AUD)	705 Ordinary Shares

20/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,585.43 (AUD)	717 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	506.35 (AUD)	65 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	521.59 (AUD)	67 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,617.70 (AUD)	855 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,836.48 (AUD)	872 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,984.00 (AUD)	900 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	604.50 (AUD)	78 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,094.01 (AUD)	913 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.73 (AUD)	1 Ordinary Share
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	736.02 (AUD)	94 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	753.69 (AUD)	97 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	766.75 (AUD)	99 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	769.72 (AUD)	99 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	781.74 (AUD)	101 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	791.52 (AUD)	102 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,230.50 (AUD)	1,062 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	802.88 (AUD)	103 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	811.72 (AUD)	104 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	819.52 (AUD)	105 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	85.14 (AUD)	11 Ordinary Shares
20/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,713.70 (AUD)	1,255 Ordinary Shares
20/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,625 Swaps
20/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,886 Swaps
20/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	102 Swaps
20/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,249 Swaps
20/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,293 Swaps
20/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,072 Swaps
21/12/2022	Morgan Stanley & Co. International plc	Buy	3134.83	376 Ordinary Shares
21/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	10,329 Swaps
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,006.08 (AUD)	128 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,380.39 (AUD)	178 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,558.00 (AUD)	200 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	10,283.30 (AUD)	1,315 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,595.00 (AUD)	1,500 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,870.76 (AUD)	1,518 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,959.85 (AUD)	2,155 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,077.60 (AUD)	265 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,342.28 (AUD)	298 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,496.30 (AUD)	318 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,763.76 (AUD)	358 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,790.53 (AUD)	361 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	202.54 (AUD)	26 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	211.14 (AUD)	27 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	28,668.12 (AUD)	3,666 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,045.80 (AUD)	388 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,177.03 (AUD)	411 Ordinary Shares

21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,285.48 (AUD)	418 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,446.54 (AUD)	443 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,507.60 (AUD)	444 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,549.00 (AUD)	455 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,645.54 (AUD)	471 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,788.52 (AUD)	482 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	33,820.80 (AUD)	4,336 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	33,915.90 (AUD)	4,315 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	35,244.74 (AUD)	4,507 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	36,269.16 (AUD)	4,638 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	393.50 (AUD)	50 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,019.64 (AUD)	516 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,603.50 (AUD)	594 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	409.42 (AUD)	53 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	45,629.70 (AUD)	5,835 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	477.02 (AUD)	61 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,067.36 (AUD)	648 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,082.80 (AUD)	655 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,805.00 (AUD)	750 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,818.08 (AUD)	744 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	620.94 (AUD)	79 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	855.65 (AUD)	109 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	870.24 (AUD)	111 Ordinary Shares
21/12/2022	Morgan Stanley Australia Securities Limited	Buy	967.20 (AUD)	124 Ordinary Shares
21/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,689 Swaps
21/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,602 Swaps
21/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	31,977 Swaps
21/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	316 Swaps
21/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	797 Swaps
22/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,116 Swaps
22/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	728 Swaps
22/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,218 Swaps
22/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	3,669 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,008.64 (AUD)	128 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,382.50 (AUD)	175 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,784.26 (AUD)	226 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	10,886.20 (AUD)	1,378 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	110.04 (AUD)	14 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	12,779.80 (AUD)	1,628 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	166.32 (AUD)	21 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,088.10 (AUD)	266 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,548.47 (AUD)	323 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,751.84 (AUD)	351 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	213.97 (AUD)	27 Ordinary Shares

22/12/2022	Morgan Stanley Australia Securities Limited	Buy	275.80 (AUD)	35 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	28,376.80 (AUD)	3,592 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	292.67 (AUD)	37 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,005.47 (AUD)	379 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,306.38 (AUD)	418 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,344.75 (AUD)	425 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,383.35 (AUD)	431 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	330.12 (AUD)	42 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	39.40 (AUD)	5 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,870.26 (AUD)	622 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	475.20 (AUD)	60 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	504.96 (AUD)	64 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	561.61 (AUD)	71 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	577.06 (AUD)	73 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,413.45 (AUD)	817 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,852.60 (AUD)	994 Ordinary Shares
22/12/2022	Morgan Stanley Australia Securities Limited	Buy	739.78 (AUD)	94 Ordinary Shares
22/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,104 Swaps
22/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,960 Swaps
22/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	29,267 Swaps
22/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	386 Swaps
22/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	664 Swaps
23/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,192 Swaps
23/12/2022	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	771,165 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,177.04 (AUD)	151 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,377.06 (AUD)	177 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,496.48 (AUD)	191 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,570.00 (AUD)	200 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,714.30 (AUD)	217 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,715.86 (AUD)	219 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,799.49 (AUD)	231 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,951.24 (AUD)	250 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,561.03 (AUD)	1,469 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	14,407.14 (AUD)	1,826 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	15,233.40 (AUD)	1,953 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,016.24 (AUD)	2,056 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,629.64 (AUD)	338 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,378.37 (AUD)	429 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,443.56 (AUD)	437 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,462.80 (AUD)	440 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,503.16 (AUD)	444 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,505.50 (AUD)	450 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,816.63 (AUD)	489 Ordinary Shares

23/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,930.00 (AUD)	500 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	328,987.28 (AUD)	42,232 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	46.74 (AUD)	6 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	466.50 (AUD)	60 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,448.70 (AUD)	699 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	54.46 (AUD)	7 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	553.80 (AUD)	71 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	553.80 (AUD)	71 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,271.64 (AUD)	802 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,244.30 (AUD)	917 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,542.08 (AUD)	962 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	714.35 (AUD)	91 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	786.28 (AUD)	101 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	796.11 (AUD)	102 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,704.22 (AUD)	1,106 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	810.68 (AUD)	104 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	83,204.99 (AUD)	10,681 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	885.78 (AUD)	114 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,231.15 (AUD)	1,185 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	922.54 (AUD)	117 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	93.60 (AUD)	12 Ordinary Shares
23/12/2022	Morgan Stanley Australia Securities Limited	Buy	989.33 (AUD)	127 Ordinary Shares
23/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	662 Swaps
23/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	775 Swaps
23/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	935 Swaps
23/12/2022	Parametric Portfolio Associates LLC	Buy	25,354.81 (AUD)	3,253 Ordinary Shares
28/12/2022	Morgan Stanley & Co. International plc	Buy	1073.34	131 Ordinary Shares
28/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	6,657 Swaps
28/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	754 Swaps
28/12/2022	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	12,171 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,007.50 (AUD)	130 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,310.64 (AUD)	172 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,326.91 (AUD)	173 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,416.39 (AUD)	186 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,477.31 (AUD)	194 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,514.93 (AUD)	197 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,532.00 (AUD)	200 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,579.41 (AUD)	207 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,741.50 (AUD)	225 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,780.12 (AUD)	233 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,868.12 (AUD)	245 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,359.27 (AUD)	1,481 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,547.50 (AUD)	1,490 Ordinary Shares

28/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,589.75 (AUD)	1,515 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,620.49 (AUD)	1,523 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,658.60 (AUD)	1,524 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,910.43 (AUD)	1,561 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	115.95 (AUD)	15 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	12,172.29 (AUD)	1,587 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	122.08 (AUD)	16 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	123.36 (AUD)	16 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	136.98 (AUD)	18 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	14,100.24 (AUD)	1,848 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	14,260.47 (AUD)	1,869 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	15,447.38 (AUD)	2,014 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,268.70 (AUD)	2,135 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	183.36 (AUD)	24 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	198.12 (AUD)	26 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	198.12 (AUD)	26 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	198.90 (AUD)	26 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	198.90 (AUD)	26 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,060.10 (AUD)	270 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,356.20 (AUD)	308 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,392.68 (AUD)	314 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,396.16 (AUD)	312 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,430.78 (AUD)	319 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,441.94 (AUD)	319 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,905.12 (AUD)	381 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	20,451.84 (AUD)	2,663 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	205.87 (AUD)	27 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	210,411.11 (AUD)	27,433 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	213.08 (AUD)	28 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	213.08 (AUD)	28 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	221.56 (AUD)	29 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	236.53 (AUD)	31 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	236.53 (AUD)	31 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	238.08 (AUD)	31 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	243.84 (AUD)	32 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	27,688.70 (AUD)	3,610 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	273.96 (AUD)	36 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	297.96 (AUD)	39 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	297.96 (AUD)	39 Ordinary Shares

28/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,131.82 (AUD)	411 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,184.48 (AUD)	416 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,398.52 (AUD)	446 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,405.48 (AUD)	444 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,654.77 (AUD)	479 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,764.28 (AUD)	494 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	359.08 (AUD)	47 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	36,355.80 (AUD)	4,740 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	374.60 (AUD)	49 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	396.50 (AUD)	52 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	397.28 (AUD)	52 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,103.45 (AUD)	535 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,175.76 (AUD)	548 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	4,347.16 (AUD)	569 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	42,952.00 (AUD)	5,600 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	434.34 (AUD)	57 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	45,368.05 (AUD)	5,915 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	454.72 (AUD)	58 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,668.65 (AUD)	741 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,775.84 (AUD)	756 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,790.00 (AUD)	750 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,936.14 (AUD)	778 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	50,990.16 (AUD)	6,648 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	510.54 (AUD)	67 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	53.41 (AUD)	7 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	571.50 (AUD)	75 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,586.65 (AUD)	861 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	6,830.16 (AUD)	894 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	61.60 (AUD)	8 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	61.76 (AUD)	8 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,295.20 (AUD)	953 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,643.86 (AUD)	994 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,673.34 (AUD)	1,007 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,774.97 (AUD)	1,019 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	7,892.43 (AUD)	1,029 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.62 (AUD)	1 Ordinary Share
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	756.36 (AUD)	99 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	765.00 (AUD)	100 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	780.30 (AUD)	102 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,721.00 (AUD)	1,140 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,777.16 (AUD)	1,134 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,843.17 (AUD)	1,159 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	80,473.64 (AUD)	10,492 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	801.15 (AUD)	105 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	806.40 (AUD)	105 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	816.94 (AUD)	107 Ordinary Shares

28/12/2022	Morgan Stanley Australia Securities Limited	Buy	819.62 (AUD)	107 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	84.04 (AUD)	11 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	865.01 (AUD)	113 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	868.11 (AUD)	114 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	885.08 (AUD)	116 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	89,324.82 (AUD)	11,646 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,336.08 (AUD)	1,222 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,653.76 (AUD)	1,257 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,656.96 (AUD)	1,264 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,947.99 (AUD)	1,297 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	903.88 (AUD)	118 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	91.44 (AUD)	12 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	969.01 (AUD)	127 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	969.01 (AUD)	127 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	975.36 (AUD)	128 Ordinary Shares
28/12/2022	Morgan Stanley Australia Securities Limited	Buy	99.32 (AUD)	13 Ordinary Shares
28/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
28/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	214 Swaps
28/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	473 Swaps
29/12/2022	Morgan Stanley & Co. International plc	Buy	858.66	105 Ordinary Shares
29/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	14,068 Swaps
29/12/2022	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	771 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,027.11 (AUD)	134 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,065.43 (AUD)	139 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,065.43 (AUD)	139 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,860.16 (AUD)	243 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,876.70 (AUD)	245 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,879.15 (AUD)	245 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,948.18 (AUD)	254 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	11,213.17 (AUD)	1,461 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	118,832.64 (AUD)	15,473 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	12,933.12 (AUD)	1,684 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	145.54 (AUD)	19 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	15,309.32 (AUD)	1,996 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	168.74 (AUD)	22 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	17,948.16 (AUD)	2,337 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,233.42 (AUD)	291 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,353.15 (AUD)	307 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,488.32 (AUD)	324 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,579.73 (AUD)	337 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,983.50 (AUD)	390 Ordinary Shares

29/12/2022	Morgan Stanley Australia Securities Limited	Buy	22,963.98 (AUD)	2,994 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	27,809.28 (AUD)	3,621 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,229.07 (AUD)	421 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,440.64 (AUD)	448 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	3,845.00 (AUD)	500 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	37,862.40 (AUD)	4,930 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	437.76 (AUD)	57 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	62,400.00 (AUD)	8,125 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	759.82 (AUD)	99 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	766.00 (AUD)	100 Ordinary Shares
29/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,705.22 (AUD)	1,267 Ordinary Shares
29/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	26,449 Swaps
30/12/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	173 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,099.67 (AUD)	143 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	1,353.44 (AUD)	176 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	137.16 (AUD)	18 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	16,524.20 (AUD)	2,146 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	19,392.90 (AUD)	2,545 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,330.07 (AUD)	303 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	2,354.69 (AUD)	307 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	32,689.80 (AUD)	4,290 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	38.40 (AUD)	5 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	441.96 (AUD)	58 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	472.44 (AUD)	62 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,257.80 (AUD)	690 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	5,745.00 (AUD)	750 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	561.37 (AUD)	73 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	69.21 (AUD)	9 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.62 (AUD)	1 Ordinary Share
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	7.69 (AUD)	1 Ordinary Share
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	71,521.32 (AUD)	9,386 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	720.04 (AUD)	94 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	743.99 (AUD)	97 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	796.64 (AUD)	104 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	8,870.40 (AUD)	1,155 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	898.56 (AUD)	117 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	9,331.20 (AUD)	1,215 Ordinary Shares
30/12/2022	Morgan Stanley Australia Securities Limited	Buy	926.86 (AUD)	121 Ordinary Shares
30/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,698 Swaps
30/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,875 Swaps

2/01/2023	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	173 Ordinary Shares
3/01/2023	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	862 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,003.66 (AUD)	134 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,087.50 (AUD)	145 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,159.62 (AUD)	154 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	10,036.60 (AUD)	1,340 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	13,823.04 (AUD)	1,848 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	31,535.68 (AUD)	4,216 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	33,031.68 (AUD)	4,416 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,577.76 (AUD)	612 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	41,843.12 (AUD)	5,594 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,096.20 (AUD)	815 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,754.44 (AUD)	903 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,754.44 (AUD)	903 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	742.50 (AUD)	99 Ordinary Shares
3/01/2023	Morgan Stanley Australia Securities Limited	Buy	897.60 (AUD)	120 Ordinary Shares
3/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	370 Swaps
3/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	5,714 Swaps
4/01/2023	Morgan Stanley & Co. International plc	Buy	1,849.33	223 Ordinary Shares
4/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	474 Swaps
4/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,373 Swaps
4/01/2023	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	2,702,873 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,168.92 (AUD)	153 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,365.77 (AUD)	179 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,420.11 (AUD)	186 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,432.60 (AUD)	190 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,626.04 (AUD)	212 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,815.42 (AUD)	237 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,879.44 (AUD)	246 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,943.04 (AUD)	253 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	130.22 (AUD)	17 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	17,871.10 (AUD)	2,330 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	176.18 (AUD)	23 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,175.97 (AUD)	285 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,249.10 (AUD)	294 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,385.37 (AUD)	311 Ordinary Shares

4/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,519.04 (AUD)	328 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,534.13 (AUD)	333 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,624.84 (AUD)	342 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	237.92 (AUD)	31 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,063.24 (AUD)	402 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,293.80 (AUD)	430 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,443.83 (AUD)	449 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,579.54 (AUD)	467 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	353.28 (AUD)	46 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,138.16 (AUD)	542 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,963.68 (AUD)	648 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	671.44 (AUD)	88 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	736.32 (AUD)	96 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	756.85 (AUD)	99 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	773.15 (AUD)	101 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	85,612.54 (AUD)	11,162 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	878.02 (AUD)	115 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	91.80 (AUD)	12 Ordinary Shares
4/01/2023	Morgan Stanley Australia Securities Limited	Buy	957.50 (AUD)	125 Ordinary Shares
4/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	13,264 Swaps
4/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,145 Swaps
5/01/2023	Morgan Stanley & Co. International plc	Buy	656.94	79 Ordinary Shares
5/01/2023	Morgan Stanley & Co. International plc	Buy	2,290.34 (AUD)	299 Ordinary Shares
5/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	658 Swaps
5/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	787 Swaps
5/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	2,639,079 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,439.14 (AUD)	188 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,541.67 (AUD)	201 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,678.60 (AUD)	220 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,750.17 (AUD)	227 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,843.65 (AUD)	241 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,874.25 (AUD)	245 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,925.00 (AUD)	250 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	113,107.56 (AUD)	14,766 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	160.96 (AUD)	21 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	18,567.84 (AUD)	2,424 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,333.10 (AUD)	303 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	283.42 (AUD)	37 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,113.55 (AUD)	407 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,337.16 (AUD)	564 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	46.08 (AUD)	6 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	5,974.65 (AUD)	781 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	543.50 (AUD)	71 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,533.10 (AUD)	854 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	659.19 (AUD)	86 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	759.33 (AUD)	99 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	8,234.50 (AUD)	1,075 Ordinary Shares

5/01/2023	Morgan Stanley Australia Securities Limited	Buy	820.69 (AUD)	107 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	822.83 (AUD)	107 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	832.76 (AUD)	109 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	910.35 (AUD)	119 Ordinary Shares
5/01/2023	Morgan Stanley Australia Securities Limited	Buy	961.25 (AUD)	125 Ordinary Shares
5/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,020 Swaps
5/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,602 Swaps
5/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	6,664 Swaps
5/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	7,895 Swaps
6/01/2023	Morgan Stanley & Co. International plc	Buy	1,212.83	148 Ordinary Shares
6/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,233 Swaps
6/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	844 Swaps
6/01/2023	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	1,429,109 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,017.22 (AUD)	135 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,559.42 (AUD)	206 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,797.28 (AUD)	239 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,814.01 (AUD)	239 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,819.20 (AUD)	240 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,951.76 (AUD)	258 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	105.98 (AUD)	14 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	116,055.68 (AUD)	15,392 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	118,672.06 (AUD)	15,739 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	120,564.60 (AUD)	15,990 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	13,210.08 (AUD)	1,752 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	15.14 (AUD)	2 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	18,533.32 (AUD)	2,458 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,238.52 (AUD)	293 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,505.82 (AUD)	333 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	22.62 (AUD)	3 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	234.36 (AUD)	31 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	249.81 (AUD)	33 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	28,689.70 (AUD)	3,805 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	29,956.42 (AUD)	3,973 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,328.59 (AUD)	440 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	30.56 (AUD)	4 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	567.00 (AUD)	75 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	58,751.68 (AUD)	7,792 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	588.12 (AUD)	78 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,634.48 (AUD)	877 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	7.64 (AUD)	1 Ordinary Share

6/01/2023	Morgan Stanley Australia Securities Limited	Buy	82,728.88 (AUD)	10,972 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	9,251.58 (AUD)	1,227 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	914.15 (AUD)	121 Ordinary Shares
6/01/2023	Morgan Stanley Australia Securities Limited	Buy	943.75 (AUD)	125 Ordinary Shares
9/01/2023	Morgan Stanley & Co. International plc	Buy	908.33	111 Ordinary Shares
9/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,492,903 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,235.85 (AUD)	165 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	10,628.31 (AUD)	1,419 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	11,452.21 (AUD)	1,529 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	149,388.05 (AUD)	19,945 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	19,766.11 (AUD)	2,639 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	21,526.26 (AUD)	2,874 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	59.92 (AUD)	8 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	632.52 (AUD)	84 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	681.30 (AUD)	90 Ordinary Shares
9/01/2023	Morgan Stanley Australia Securities Limited	Buy	75.70 (AUD)	10 Ordinary Shares
9/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,549 Swaps
9/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	556 Swaps
9/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	562 Swaps
10/01/2023	Morgan Stanley & Co. International plc	Buy	1,833.34	224 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,049.30 (AUD)	140 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,340.71 (AUD)	179 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	15,714.02 (AUD)	2,098 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	246.84 (AUD)	33 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	247.17 (AUD)	33 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	25,143.93 (AUD)	3,357 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,932.25 (AUD)	525 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,621.33 (AUD)	617 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	43,719.13 (AUD)	5,837 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	513.74 (AUD)	68 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	711.58 (AUD)	94 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	763.98 (AUD)	102 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	878.67 (AUD)	117 Ordinary Shares
10/01/2023	Morgan Stanley Australia Securities Limited	Buy	9,916.76 (AUD)	1,324 Ordinary Shares
10/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	34,894 Swaps
11/01/2023	Morgan Stanley & Co. International plc	Buy	1363.62	168 Ordinary Shares
11/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,000 Swaps
11/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	751,226 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	14.86 (AUD)	2 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	16,088.52 (AUD)	2,148 Ordinary Shares

11/01/2023	Morgan Stanley Australia Securities Limited	Buy	17,497.65 (AUD)	2,355 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,556.80 (AUD)	340 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,827.50 (AUD)	377 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,979.43 (AUD)	401 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	210.56 (AUD)	28 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	24,845.92 (AUD)	3,344 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	668.70 (AUD)	90 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	7,957.53 (AUD)	1,071 Ordinary Shares
11/01/2023	Morgan Stanley Australia Securities Limited	Buy	801.43 (AUD)	107 Ordinary Shares
11/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	592 Swaps
11/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	7,783 Swaps
12/01/2023	Morgan Stanley & Co. International plc	Buy	1,023.69	126 Ordinary Shares
12/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	10,179 Swaps
12/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	10,231 Swaps
12/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,172 Swaps
12/01/2023	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	3,411,842 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,224.13 (AUD)	163 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,241.00 (AUD)	300 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,846.07 (AUD)	381 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,839.58 (AUD)	514 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,407.30 (AUD)	590 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	455.67 (AUD)	61 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	5,557.68 (AUD)	744 Ordinary Shares
12/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,394.32 (AUD)	856 Ordinary Shares
12/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	6,116 Swaps
12/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	7,712 Swaps
13/01/2023	Morgan Stanley & Co. International plc	Borrow	N/A	64,581 Ordinary Shares
13/01/2023	Morgan Stanley & Co. International plc	Buy	773.88	94 Ordinary Shares
13/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	15,151 Swaps
13/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	2,560,627 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,052.80 (AUD)	140 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,145.32 (AUD)	152 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	11,181.24 (AUD)	1,479 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	211.12 (AUD)	28 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	249.15 (AUD)	33 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	256.70 (AUD)	34 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	271.80 (AUD)	36 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	30,512.16 (AUD)	4,036 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,165.56 (AUD)	551 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,573.80 (AUD)	605 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,736.37 (AUD)	629 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	588.12 (AUD)	78 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,039.06 (AUD)	802 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	7.55 (AUD)	1 Ordinary Share

13/01/2023	Morgan Stanley Australia Securities Limited	Buy	9,669.24 (AUD)	1,279 Ordinary Shares
13/01/2023	Morgan Stanley Australia Securities Limited	Buy	903.60 (AUD)	120 Ordinary Shares
13/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,321 Swaps
13/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	22,741 Swaps
16/01/2023	Morgan Stanley & Co. International plc	Buy	588.81	71 Ordinary Shares
16/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	14,826 Swaps
16/01/2023	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	1,231,173 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,102.00 (AUD)	145 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,243.12 (AUD)	164 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	14,261.82 (AUD)	1,894 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	19,781.31 (AUD)	2,627 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,483.95 (AUD)	329 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	40,119.84 (AUD)	5,328 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	5,247.84 (AUD)	696 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	539.60 (AUD)	71 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	560.18 (AUD)	74 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,870.50 (AUD)	910 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	60.32 (AUD)	8 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	60.72 (AUD)	8 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	7,731.60 (AUD)	1,020 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	775.59 (AUD)	103 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	83.05 (AUD)	11 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	830.50 (AUD)	110 Ordinary Shares
16/01/2023	Morgan Stanley Australia Securities Limited	Buy	867.10 (AUD)	115 Ordinary Shares
16/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	107 Swaps
16/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,448 Swaps
16/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,444 Swaps
16/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	396 Swaps
17/01/2023	Morgan Stanley & Co. International plc	Borrow	N/A	15,000 Ordinary Shares
17/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	4,684 Swaps
17/01/2023	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	1,374,635 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,052.23 (AUD)	139 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	10,892.46 (AUD)	1,437 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	151.60 (AUD)	20 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	19,354.50 (AUD)	2,550 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,138.97 (AUD)	282 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	220.25 (AUD)	29 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	252.45 (AUD)	33 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,661.14 (AUD)	483 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,984.75 (AUD)	525 Ordinary Shares

17/01/2023	Morgan Stanley Australia Securities Limited	Buy	501.26 (AUD)	66 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	561.66 (AUD)	74 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	589.00 (AUD)	76 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	614.79 (AUD)	81 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	699.20 (AUD)	92 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	7,974.16 (AUD)	1,052 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	704.47 (AUD)	93 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	726.72 (AUD)	96 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	756.00 (AUD)	100 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	76.00 (AUD)	10 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	81,584.91 (AUD)	10,749 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	820.80 (AUD)	108 Ordinary Shares
17/01/2023	Morgan Stanley Australia Securities Limited	Buy	83.38 (AUD)	11 Ordinary Shares
17/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,821 Swaps
17/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	609 Swaps
17/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	744 Swaps
17/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	8,110 Swaps
17/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	92 Swaps
18/01/2023	Morgan Stanley & Co. International plc	Buy	283.09	34 Ordinary Shares
18/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	6,540 Swaps
18/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	3,411,478 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,117.95 (AUD)	145 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,534.00 (AUD)	200 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,183.96 (AUD)	284 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	291.84 (AUD)	38 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,603.60 (AUD)	468 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	428.68 (AUD)	56 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	751.66 (AUD)	98 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	8,747.52 (AUD)	1,139 Ordinary Shares
18/01/2023	Morgan Stanley Australia Securities Limited	Buy	83,983.90 (AUD)	10,907 Ordinary Shares
18/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	12,702 Swaps
18/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,044 Swaps
18/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,367 Swaps
18/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	677 Swaps
18/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	687 Swaps
19/01/2023	Morgan Stanley & Co. International plc	Buy	363.50	44 Ordinary Shares
19/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	9,152 Swaps
19/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	14,719 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,007.39 (AUD)	131 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,121.28 (AUD)	146 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,298.76 (AUD)	169 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,471.68 (AUD)	192 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	11,648.25 (AUD)	1,503 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	114.90 (AUD)	15 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	27,233.28 (AUD)	3,546 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,484.45 (AUD)	454 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,515.94 (AUD)	459 Ordinary Shares

19/01/2023	Morgan Stanley Australia Securities Limited	Buy	31,850.28 (AUD)	4,158 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	322.56 (AUD)	42 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	34,735.50 (AUD)	4,482 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,167.04 (AUD)	544 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	5,714.36 (AUD)	746 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	645.12 (AUD)	84 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	666.42 (AUD)	87 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	7,897.25 (AUD)	1,019 Ordinary Shares
19/01/2023	Morgan Stanley Australia Securities Limited	Buy	866.71 (AUD)	113 Ordinary Shares
19/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,458 Swaps
19/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	438 Swaps
19/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	479 Swaps
19/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	7,053 Swaps
20/01/2023	Morgan Stanley & Co. International plc	Buy	271.14	33 Ordinary Shares
20/01/2023	Morgan Stanley & Co. International plc	Buy	487.34	59 Ordinary Shares
20/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,580 Swaps
20/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	9,538 Swaps
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,066.80 (AUD)	140 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,073.80 (AUD)	140 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,101.60 (AUD)	144 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,132.20 (AUD)	148 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,488.95 (AUD)	194 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,520.00 (AUD)	200 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,643.76 (AUD)	216 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,895.00 (AUD)	250 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,953.28 (AUD)	256 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,976.28 (AUD)	258 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	114.45 (AUD)	15 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	122.08 (AUD)	16 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	168.08 (AUD)	22 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,105.20 (AUD)	277 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,219.52 (AUD)	289 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,453.64 (AUD)	322 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,945.07 (AUD)	387 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	204.93 (AUD)	27 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	23,668.72 (AUD)	3,098 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	24,723.04 (AUD)	3,236 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	243.20 (AUD)	32 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	244.80 (AUD)	32 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	260.44 (AUD)	34 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	269.32 (AUD)	35 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	296.40 (AUD)	39 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,048.36 (AUD)	399 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,183.05 (AUD)	415 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,460.50 (AUD)	450 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,949.88 (AUD)	517 Ordinary Shares

20/01/2023	Morgan Stanley Australia Securities Limited	Buy	30,292.60 (AUD)	3,965 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	306.80 (AUD)	40 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	311.39 (AUD)	41 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	321.30 (AUD)	42 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	342.00 (AUD)	45 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	351.44 (AUD)	46 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	359.08 (AUD)	47 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,015.11 (AUD)	529 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,154.46 (AUD)	547 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,550.78 (AUD)	598 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,760.73 (AUD)	626 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	443.12 (AUD)	58 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	475.54 (AUD)	62 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	5,236.40 (AUD)	689 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	550.80 (AUD)	72 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	556.26 (AUD)	73 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	578.36 (AUD)	76 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	628.12 (AUD)	82 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	629.97 (AUD)	83 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	646.80 (AUD)	84 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	694.33 (AUD)	91 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	707.73 (AUD)	93 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	711.45 (AUD)	93 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	720.04 (AUD)	94 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	760.50 (AUD)	100 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	792.48 (AUD)	104 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	795.60 (AUD)	104 Ordinary Shares
20/01/2023	Morgan Stanley Australia Securities Limited	Buy	8,083.12 (AUD)	1,058 Ordinary Shares
20/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	202 Swaps
20/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	224 Swaps
20/01/2023	Morgan Stanley Wealth Management Australia Pty Ltd	Buy	1,082.05	131 Ordinary Shares
23/01/2023	Morgan Stanley & Co. International plc	Buy	207.6	25 Ordinary Shares
23/01/2023	Morgan Stanley & Co. International plc	Buy	3149.87	382 Ordinary Shares
23/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,394 Swaps
23/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	16 Swaps
23/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	17 Swaps
23/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	9,669 Swaps
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	11,580.00 (AUD)	1,500 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,236.72 (AUD)	292 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,411.66 (AUD)	313 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,850.00 (AUD)	500 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,855.00 (AUD)	500 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,431.28 (AUD)	574 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	563.92 (AUD)	73 Ordinary Shares
23/01/2023	Morgan Stanley Australia Securities Limited	Buy	677.60 (AUD)	88 Ordinary Shares
23/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	252 Swaps
23/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	301 Swaps
23/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	9,655 Swaps

24/01/2023	Morgan Stanley & Co. International plc	Buy	159.38	19 Ordinary Shares
24/01/2023	Morgan Stanley & Co. International plc	Buy	55326.52	6,609 Ordinary Shares
24/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	2,415 Swaps
24/01/2023	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	7,078,933 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,170.25 (AUD)	151 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,720.50 (AUD)	222 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	115.95 (AUD)	15 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	565.02 (AUD)	73 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	681.12 (AUD)	88 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	832.68 (AUD)	108 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	848.10 (AUD)	110 Ordinary Shares
24/01/2023	Morgan Stanley Australia Securities Limited	Buy	92.76 (AUD)	12 Ordinary Shares
24/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	16,268 Swaps
24/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	203 Swaps
24/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	440 Swaps
25/01/2023	Morgan Stanley & Co. International plc	Borrow	N/A	9,594 Ordinary Shares
25/01/2023	Morgan Stanley & Co. International plc	Buy	2,280.13	272 Ordinary Shares
25/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	2,390 Swaps
25/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	4,051 Swaps
25/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,441,961 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	11,666.18 (AUD)	1,523 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	223.01 (AUD)	29 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	246.08 (AUD)	32 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	361.90 (AUD)	47 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,565.36 (AUD)	596 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,887.08 (AUD)	638 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	41,463.58 (AUD)	5,413 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	445.44 (AUD)	58 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	53.76 (AUD)	7 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	554.04 (AUD)	72 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	592.51 (AUD)	77 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	621.67 (AUD)	81 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	651.00 (AUD)	84 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	658.32 (AUD)	85 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	743.50 (AUD)	97 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	766.00 (AUD)	100 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	781.32 (AUD)	102 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	799.23 (AUD)	104 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	9,651.60 (AUD)	1,260 Ordinary Shares
25/01/2023	Morgan Stanley Australia Securities Limited	Buy	991.36 (AUD)	129 Ordinary Shares
25/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,161 Swaps
25/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,171 Swaps
25/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,012 Swaps
26/01/2023	Morgan Stanley & Co. International plc	Buy	25.14	3 Ordinary Shares
27/01/2023	Morgan Stanley & Co. International plc	Buy	4825.66	580 Ordinary Shares
27/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,901 Swaps

27/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,780,886 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,106.68 (AUD)	146 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,215.19 (AUD)	160 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,386.22 (AUD)	183 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,464.87 (AUD)	193 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,606.96 (AUD)	212 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,668.78 (AUD)	219 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,677.39 (AUD)	221 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,872.06 (AUD)	246 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	11,338.90 (AUD)	1,490 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	18,229.90 (AUD)	2,405 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,147.97 (AUD)	283 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,167.88 (AUD)	286 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,230.88 (AUD)	292 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,267.90 (AUD)	299 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,311.91 (AUD)	304 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,563.72 (AUD)	338 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,666.38 (AUD)	352 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,795.90 (AUD)	365 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	243.20 (AUD)	32 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	296.01 (AUD)	39 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,270.82 (AUD)	427 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,529.35 (AUD)	465 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,534.00 (AUD)	465 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,699.04 (AUD)	488 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,769.74 (AUD)	497 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,888.71 (AUD)	511 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,909.15 (AUD)	511 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	409.59 (AUD)	54 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	42,676.88 (AUD)	5,608 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	447.81 (AUD)	59 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	515.44 (AUD)	68 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	538.18 (AUD)	71 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	55,515.92 (AUD)	7,324 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	556.99 (AUD)	73 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,466.68 (AUD)	852 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	601.19 (AUD)	79 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	61,914.96 (AUD)	8,136 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	646.00 (AUD)	85 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	652.74 (AUD)	86 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	67,356.11 (AUD)	8,851 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	689.40 (AUD)	90 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	7.58 (AUD)	1 Ordinary Share
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	704.94 (AUD)	93 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	735.36 (AUD)	96 Ordinary Shares

27/01/2023	Morgan Stanley Australia Securities Limited	Buy	83.38 (AUD)	11 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	850.64 (AUD)	112 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	9,268.98 (AUD)	1,218 Ordinary Shares
27/01/2023	Morgan Stanley Australia Securities Limited	Buy	971.52 (AUD)	128 Ordinary Shares
27/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	17 Swaps
27/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	75 Swaps
27/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	969 Swaps
30/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,783 Swaps
30/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	277,185 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	1,932.92 (AUD)	253 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	14,661.16 (AUD)	1,919 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	14,947.17 (AUD)	1,959 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	2,116.28 (AUD)	277 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	244.16 (AUD)	32 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	251.46 (AUD)	33 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	27,583.62 (AUD)	3,639 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	3,124.76 (AUD)	409 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	319.62 (AUD)	42 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	351.67 (AUD)	46 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	390.66 (AUD)	51 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	4,736.80 (AUD)	620 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	527.16 (AUD)	69 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	53.51 (AUD)	7 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	541.73 (AUD)	71 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	549.36 (AUD)	72 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	572.25 (AUD)	75 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	587.51 (AUD)	77 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	6,867.48 (AUD)	906 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	627.30 (AUD)	82 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	657.04 (AUD)	86 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	674.08 (AUD)	88 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	68.76 (AUD)	9 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	854.56 (AUD)	112 Ordinary Shares
30/01/2023	Morgan Stanley Australia Securities Limited	Buy	91.44 (AUD)	12 Ordinary Shares
30/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,897 Swaps
30/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,947 Swaps
30/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
31/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,984 Swaps
31/01/2023	Morgan Stanley & Co. International plc	Buy	N/A	2,479 Swaps
31/01/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	185,086 Ordinary Shares
31/01/2023	Morgan Stanley Australia Securities Limited	Buy	222.57 (AUD)	29 Ordinary Shares
31/01/2023	Morgan Stanley Australia Securities Limited	Buy	251.84 (AUD)	32 Ordinary Shares
31/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,084 Swaps
31/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	10,433 Swaps
31/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	12,436 Swaps
31/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,971 Swaps
31/01/2023	Morgan Stanley Capital Services LLC	Buy	N/A	865 Swaps

1/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	4,277 Swaps
1/02/2023	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	1,230,514 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,066.04 (AUD)	138 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,315.80 (AUD)	170 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,651.48 (AUD)	212 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,831.16 (AUD)	1,403 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	155,789.60 (AUD)	20,180 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	170.83 (AUD)	22 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	23,484.24 (AUD)	3,042 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	249.28 (AUD)	32 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	30.96 (AUD)	4 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,164.68 (AUD)	669 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	504.07 (AUD)	65 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	511.50 (AUD)	66 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	899.30 (AUD)	115 Ordinary Shares
1/02/2023	Morgan Stanley Australia Securities Limited	Buy	947.94 (AUD)	122 Ordinary Shares
1/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	10,722 Swaps
1/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	322 Swaps
1/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	70 Swaps
2/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	9,553 Ordinary Shares
2/02/2023	Morgan Stanley & Co. International plc	Buy	404.62	48 Ordinary Shares
2/02/2023	Morgan Stanley & Co. International plc	Buy	420.75	50 Ordinary Shares
2/02/2023	Morgan Stanley & Co. International plc	Buy	7631.51	904 Ordinary Shares
2/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,442 Swaps
2/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	4,185 Swaps
2/02/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,318,697 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,034.48 (AUD)	134 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,321.83 (AUD)	171 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,678.63 (AUD)	219 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,694.00 (AUD)	220 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,737.00 (AUD)	225 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,185.31 (AUD)	1,447 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	131.41 (AUD)	17 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	138.60 (AUD)	18 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,251.32 (AUD)	292 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,257.16 (AUD)	292 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,794.14 (AUD)	361 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	247.36 (AUD)	32 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,054.91 (AUD)	397 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	353.74 (AUD)	46 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,931.74 (AUD)	638 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	440.32 (AUD)	57 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	484.47 (AUD)	63 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	559.91 (AUD)	73 Ordinary Shares

2/02/2023	Morgan Stanley Australia Securities Limited	Buy	562.46 (AUD)	73 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	563.56 (AUD)	73 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	59,026.28 (AUD)	7,636 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,763.75 (AUD)	875 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,786.94 (AUD)	878 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	606.72 (AUD)	79 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	626.94 (AUD)	81 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	661.34 (AUD)	86 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	670.77 (AUD)	87 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	672.51 (AUD)	87 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	7.70 (AUD)	1 Ordinary Share
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	803.92 (AUD)	104 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	818.32 (AUD)	106 Ordinary Shares
2/02/2023	Morgan Stanley Australia Securities Limited	Buy	92.70 (AUD)	12 Ordinary Shares
2/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	125 Swaps
2/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	20 Swaps
2/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,262 Swaps
3/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,450 Swaps
3/02/2023	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	826,328 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,262.78 (AUD)	162 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,643.61 (AUD)	1,349 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	212.49 (AUD)	27 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	251.20 (AUD)	32 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,236.93 (AUD)	537 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,276.38 (AUD)	542 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	521.93 (AUD)	67 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,428.12 (AUD)	956 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,790.00 (AUD)	1,000 Ordinary Shares
3/02/2023	Morgan Stanley Australia Securities Limited	Buy	784.77 (AUD)	101 Ordinary Shares
3/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	13,716 Swaps
3/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,084 Swaps
3/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,987 Swaps
3/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,551 Swaps
3/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	539 Swaps
3/02/2023	Parametric Portfolio Associates LLC	Buy	492.44	90 Ordinary Shares
6/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,167 Swaps
6/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	19 Swaps
6/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	20 Swaps
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,086.98 (AUD)	139 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,154.86 (AUD)	146 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,319.30 (AUD)	167 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,491.50 (AUD)	190 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,821.20 (AUD)	232 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,822.74 (AUD)	230 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,994.58 (AUD)	252 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	118.50 (AUD)	15 Ordinary Shares

6/02/2023	Morgan Stanley Australia Securities Limited	Buy	12,932.52 (AUD)	1,636 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	150.29 (AUD)	19 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	189.60 (AUD)	24 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	19,815.06 (AUD)	2,521 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,178.00 (AUD)	275 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,255.11 (AUD)	286 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,363.14 (AUD)	298 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,847.60 (AUD)	360 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	23,346.51 (AUD)	2,959 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	259.21 (AUD)	33 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	29,719.80 (AUD)	3,762 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,420.70 (AUD)	433 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,073.96 (AUD)	517 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	41,917.40 (AUD)	5,306 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,174.50 (AUD)	655 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,810.70 (AUD)	736 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	506.88 (AUD)	64 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	514.47 (AUD)	65 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	608.68 (AUD)	77 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	63.36 (AUD)	8 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	648.21 (AUD)	82 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	697.84 (AUD)	88 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,061.55 (AUD)	895 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,971.10 (AUD)	1,009 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,310.64 (AUD)	1,048 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,444.51 (AUD)	1,073 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,516.20 (AUD)	1,078 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	825.24 (AUD)	104 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	86.95 (AUD)	11 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,325.89 (AUD)	1,179 Ordinary Shares
6/02/2023	Morgan Stanley Australia Securities Limited	Buy	908.50 (AUD)	115 Ordinary Shares
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,491 Swaps
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	215 Swaps
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	286 Swaps
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,448 Swaps
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	324 Swaps
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	44 Swaps
6/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	826 Swaps
7/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	10,167 Swaps
7/02/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	9,553 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,128.98 (AUD)	143 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,234.02 (AUD)	157 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,887.34 (AUD)	238 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,836.48 (AUD)	1,504 Ordinary Shares

7/02/2023	Morgan Stanley Australia Securities Limited	Buy	12,694.31 (AUD)	1,613 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	15,032.75 (AUD)	1,915 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	15,182.64 (AUD)	1,917 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,008.11 (AUD)	255 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,422.56 (AUD)	309 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,554.93 (AUD)	323 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,841.70 (AUD)	362 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	20,778.95 (AUD)	2,647 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	21,673.98 (AUD)	2,754 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	23,443.20 (AUD)	2,960 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	24,026.12 (AUD)	3,049 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	26,095.20 (AUD)	3,320 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	284.04 (AUD)	36 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	298.30 (AUD)	38 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,014.40 (AUD)	384 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,096.84 (AUD)	393 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,175.92 (AUD)	401 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,585.40 (AUD)	455 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,673.50 (AUD)	465 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	31,441.65 (AUD)	3,985 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	39,373.60 (AUD)	4,984 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	39.27 (AUD)	5 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,408.65 (AUD)	557 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,766.71 (AUD)	603 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	434.50 (AUD)	55 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	482.20 (AUD)	61 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	489.49 (AUD)	62 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	491.35 (AUD)	62 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,038.67 (AUD)	637 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,373.09 (AUD)	681 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,753.55 (AUD)	726 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	51,931.02 (AUD)	6,607 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	573.05 (AUD)	73 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	588.30 (AUD)	74 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,371.67 (AUD)	804 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,037.88 (AUD)	892 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,208.13 (AUD)	913 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	781.11 (AUD)	99 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,798.66 (AUD)	1,118 Ordinary Shares
7/02/2023	Morgan Stanley Australia Securities Limited	Buy	834.22 (AUD)	106 Ordinary Shares

7/02/2023	Morgan Stanley Australia Securities Limited	Buy	871.90 (AUD)	111 Ordinary Shares
7/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,083 Swaps
7/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	12,739 Swaps
7/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,569 Swaps
8/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	3,440 Ordinary Shares
8/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,047 Swaps
8/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,798 Swaps
8/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	788 Swaps
8/02/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	819,450 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,000.96 (AUD)	128 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,019.84 (AUD)	130 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,058.40 (AUD)	135 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,210.44 (AUD)	154 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,356.32 (AUD)	173 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,468.28 (AUD)	188 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,497.60 (AUD)	192 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,555.18 (AUD)	199 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,568.00 (AUD)	200 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,630.20 (AUD)	209 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,643.78 (AUD)	209 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,685.60 (AUD)	215 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,730.43 (AUD)	221 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,858.78 (AUD)	238 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	109.76 (AUD)	14 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,932.48 (AUD)	1,522 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	124.96 (AUD)	16 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	133.62 (AUD)	17 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	187.20 (AUD)	24 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	196.50 (AUD)	25 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	220.64 (AUD)	28 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	227.36 (AUD)	29 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	299.44 (AUD)	38 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,136.00 (AUD)	400 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,808.34 (AUD)	487 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,824.82 (AUD)	486 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,879.91 (AUD)	493 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,139.62 (AUD)	526 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,521.99 (AUD)	579 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,653.12 (AUD)	592 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,657.73 (AUD)	596 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,918.75 (AUD)	625 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	436.80 (AUD)	56 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	469.80 (AUD)	60 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	471.30 (AUD)	60 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	537.88 (AUD)	68 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	540.96 (AUD)	69 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	563.40 (AUD)	72 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	580.90 (AUD)	74 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,476.25 (AUD)	825 Ordinary Shares

8/02/2023	Morgan Stanley Australia Securities Limited	Buy	603.68 (AUD)	77 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	608.40 (AUD)	78 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	70,565.79 (AUD)	8,953 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	702.21 (AUD)	89 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	706.50 (AUD)	90 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	719.81 (AUD)	91 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	78.60 (AUD)	10 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,229.42 (AUD)	1,047 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,405.16 (AUD)	1,068 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,941.15 (AUD)	1,139 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	880.88 (AUD)	112 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,529.11 (AUD)	1,217 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,541.28 (AUD)	1,217 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	912.60 (AUD)	117 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	93.60 (AUD)	12 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	94.56 (AUD)	12 Ordinary Shares
8/02/2023	Morgan Stanley Australia Securities Limited	Buy	941.40 (AUD)	120 Ordinary Shares
8/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,324 Swaps
8/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	916 Swaps
9/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	3,215 Ordinary Shares
9/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	5,000 Ordinary Shares
9/02/2023	Morgan Stanley & Co. International plc	Buy	212.69	25 Ordinary Shares
9/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	4,102 Swaps
9/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	905 Swaps
9/02/2023	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	6,113 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,092.75 (AUD)	141 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,094.82 (AUD)	142 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,095.57 (AUD)	141 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,198.15 (AUD)	155 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,371.75 (AUD)	177 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,503.36 (AUD)	192 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,524.78 (AUD)	197 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,807.28 (AUD)	232 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,927.50 (AUD)	250 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	101.66 (AUD)	13 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	107.80 (AUD)	14 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	13,481.12 (AUD)	1,744 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	138.60 (AUD)	18 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	138.60 (AUD)	18 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	15.40 (AUD)	2 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	192.87 (AUD)	25 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,898.21 (AUD)	373 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	200.98 (AUD)	26 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	262.99 (AUD)	34 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	263,523.43 (AUD)	34,091 Ordinary Shares

9/02/2023	Morgan Stanley Australia Securities Limited	Buy	27,062.73 (AUD)	3,501 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,006.97 (AUD)	389 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,045.62 (AUD)	394 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,302.25 (AUD)	425 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,609.92 (AUD)	464 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	30.88 (AUD)	4 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	30.96 (AUD)	4 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	310.00 (AUD)	40 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	316.11 (AUD)	41 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	368.01 (AUD)	47 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	38.55 (AUD)	5 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	380.24 (AUD)	49 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,539.60 (AUD)	585 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,695.60 (AUD)	602 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,699.84 (AUD)	608 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	42,507.27 (AUD)	5,499 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	453.56 (AUD)	58 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	478.02 (AUD)	62 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	504.72 (AUD)	65 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	570.54 (AUD)	74 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	597.52 (AUD)	77 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	656.20 (AUD)	85 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,352.37 (AUD)	939 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,501.14 (AUD)	958 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	7.79 (AUD)	1 Ordinary Share
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	704.25 (AUD)	90 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	704.34 (AUD)	91 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	705.25 (AUD)	91 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	903.06 (AUD)	116 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	93.60 (AUD)	12 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	940.62 (AUD)	122 Ordinary Shares
9/02/2023	Morgan Stanley Australia Securities Limited	Buy	943.80 (AUD)	121 Ordinary Shares
9/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,710 Swaps
9/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	821 Swaps
10/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	5,000 Ordinary Shares
10/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	512 Swaps
10/02/2023	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	826,330 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,019.18 (AUD)	131 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,094.16 (AUD)	141 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,493.76 (AUD)	192 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,617.66 (AUD)	209 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,692.87 (AUD)	219 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,728.25 (AUD)	223 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,868.24 (AUD)	242 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,942.92 (AUD)	252 Ordinary Shares

10/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,178.70 (AUD)	1,310 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,366.58 (AUD)	1,461 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	116.55 (AUD)	15 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	12,525.24 (AUD)	1,612 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	124.32 (AUD)	16 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	138.78 (AUD)	18 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	140.22 (AUD)	18 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	16,635.57 (AUD)	2,141 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	16,837.59 (AUD)	2,167 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	177.79 (AUD)	23 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	194.25 (AUD)	25 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,746.34 (AUD)	353 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	20,891.61 (AUD)	2,686 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	239.63 (AUD)	31 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	248.96 (AUD)	32 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	256.74 (AUD)	33 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,552.24 (AUD)	456 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,577.44 (AUD)	464 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	31.16 (AUD)	4 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	332.39 (AUD)	43 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,032.54 (AUD)	521 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,195.80 (AUD)	540 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,241.52 (AUD)	548 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	404.04 (AUD)	52 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	435.12 (AUD)	56 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	51,693.81 (AUD)	6,653 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	599.83 (AUD)	77 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	677.73 (AUD)	87 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,120.06 (AUD)	914 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	707.98 (AUD)	91 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	714.84 (AUD)	92 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	777.00 (AUD)	100 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	791.52 (AUD)	102 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	811.65 (AUD)	105 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	820.44 (AUD)	106 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	881.40 (AUD)	113 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,627.03 (AUD)	1,239 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,805.74 (AUD)	1,262 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	976.50 (AUD)	126 Ordinary Shares
10/02/2023	Morgan Stanley Australia Securities Limited	Buy	986.88 (AUD)	128 Ordinary Shares
10/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,532 Swaps
10/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	145 Swaps
10/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,065 Swaps
10/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	719 Swaps

13/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	5,896 Ordinary Shares
13/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,918 Swaps
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,059.44 (AUD)	136 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,164.00 (AUD)	150 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,437.04 (AUD)	184 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,571.56 (AUD)	202 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,950.00 (AUD)	250 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,994.24 (AUD)	256 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,471.88 (AUD)	1,346 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	15,132.10 (AUD)	1,945 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	167.86 (AUD)	22 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	177.79 (AUD)	23 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,394.60 (AUD)	307 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,722.20 (AUD)	349 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	224.17 (AUD)	29 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	225.91 (AUD)	29 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	265.20 (AUD)	34 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,306.50 (AUD)	425 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,450.97 (AUD)	443 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,817.10 (AUD)	490 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	319.59 (AUD)	41 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	413.13 (AUD)	53 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,819.44 (AUD)	748 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,889.24 (AUD)	756 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	511,301.60 (AUD)	65,720 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,410.72 (AUD)	824 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	635.50 (AUD)	82 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	640.42 (AUD)	82 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	648.23 (AUD)	83 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	889.20 (AUD)	114 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	934.80 (AUD)	120 Ordinary Shares
13/02/2023	Morgan Stanley Australia Securities Limited	Buy	936.54 (AUD)	121 Ordinary Shares
13/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,847 Swaps
13/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	4,131 Swaps
13/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	932 Swaps
14/02/2023	Morgan Stanley & Co. International plc	Borrow	N/A	10,000 Ordinary Shares
14/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	451 Swaps
14/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,569 Swaps
14/02/2023	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	6,155 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,042.80 (AUD)	132 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,046.04 (AUD)	133 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,296.41 (AUD)	164 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,429.90 (AUD)	181 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,677.37 (AUD)	213 Ordinary Shares

14/02/2023	Morgan Stanley Australia Securities Limited	Buy	14,652.00 (AUD)	1,850 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	157.40 (AUD)	20 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,298.90 (AUD)	291 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,381.20 (AUD)	428 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,500.64 (AUD)	442 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	339.27 (AUD)	43 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	346.28 (AUD)	44 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	371.30 (AUD)	47 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	39,877.20 (AUD)	5,035 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	392,063.76 (AUD)	49,503 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,089.47 (AUD)	517 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,635.26 (AUD)	586 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	410.28 (AUD)	52 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,508.12 (AUD)	699 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,757.84 (AUD)	727 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	528.96 (AUD)	67 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,177.80 (AUD)	782 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	623.70 (AUD)	79 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	661.92 (AUD)	84 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	7.90 (AUD)	1 Ordinary Share
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	7.91 (AUD)	1 Ordinary Share
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	727.26 (AUD)	92 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	734.70 (AUD)	93 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	741.66 (AUD)	94 Ordinary Shares
14/02/2023	Morgan Stanley Australia Securities Limited	Buy	934.56 (AUD)	118 Ordinary Shares
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,389 Swaps
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,516 Swaps
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	15,570 Swaps
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	23 Swaps
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	336 Swaps
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	4,990 Swaps
14/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	561 Swaps
15/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,691 Swaps
15/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,696 Swaps
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,040.06 (AUD)	133 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,053.00 (AUD)	135 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,073.04 (AUD)	136 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,106.18 (AUD)	142 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,126.08 (AUD)	144 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,130.40 (AUD)	144 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,147.56 (AUD)	146 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,153.66 (AUD)	148 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,183.84 (AUD)	151 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,246.56 (AUD)	159 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,306.77 (AUD)	167 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,331.10 (AUD)	170 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,643.69 (AUD)	211 Ordinary Shares

15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,773.84 (AUD)	228 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,836.08 (AUD)	236 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,899.54 (AUD)	244 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,931.10 (AUD)	246 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	101.20 (AUD)	13 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	108,008.15 (AUD)	13,759 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	109.34 (AUD)	14 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	117.15 (AUD)	15 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	12,685.60 (AUD)	1,616 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	15,338.51 (AUD)	1,969 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	15,444.90 (AUD)	1,965 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	15.72 (AUD)	2 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,080.12 (AUD)	266 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,106.48 (AUD)	268 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,119.50 (AUD)	270 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,327.71 (AUD)	299 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,535.00 (AUD)	325 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,798.16 (AUD)	356 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	24,916.42 (AUD)	3,166 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	26,158.08 (AUD)	3,328 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	27,168.85 (AUD)	3,461 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,211.23 (AUD)	407 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,584.16 (AUD)	456 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	342.76 (AUD)	44 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,026.87 (AUD)	512 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,263.86 (AUD)	547 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,399.33 (AUD)	559 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	477.63 (AUD)	61 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	492.66 (AUD)	63 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,164.77 (AUD)	663 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,290.75 (AUD)	677 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,772.39 (AUD)	741 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,927.79 (AUD)	759 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	602.68 (AUD)	76 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	691.68 (AUD)	88 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,473.20 (AUD)	952 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,652.45 (AUD)	965 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	706.50 (AUD)	90 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	713.44 (AUD)	91 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	725.40 (AUD)	93 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	749.76 (AUD)	96 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	772.69 (AUD)	99 Ordinary Shares
15/02/2023	Morgan Stanley Australia Securities Limited	Buy	86,601.20 (AUD)	11,032 Ordinary Shares

15/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,375.60 (AUD)	1,202 Ordinary Shares
2/15/2023	Morgan Stanley Australia Securities Limited	Buy	929.39 (AUD)	119 Ordinary Shares
2/15/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,358 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,644 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	12,710 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	197 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	208 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	39 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	55 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	8 Swaps
15/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	893 Swaps
16/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	5,860 Swaps
16/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	731 Swaps
16/02/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	28,259 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,499.71 (AUD)	189 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,851.36 (AUD)	232 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,896.86 (AUD)	238 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,960.62 (AUD)	246 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,144.00 (AUD)	1,268 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,353.76 (AUD)	1,304 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	104.13 (AUD)	13 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,291.70 (AUD)	1,415 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,627.70 (AUD)	1,470 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	13,755.49 (AUD)	1,739 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	151.81 (AUD)	19 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,219.83 (AUD)	278 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,378.04 (AUD)	298 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,485.06 (AUD)	312 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,505.88 (AUD)	316 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,824.00 (AUD)	353 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,956.87 (AUD)	371 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	200.00 (AUD)	25 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	232.00 (AUD)	29 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	271.66 (AUD)	34 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,243.94 (AUD)	406 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,491.63 (AUD)	437 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,573.00 (AUD)	450 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	323,307.47 (AUD)	41,081 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	332.22 (AUD)	42 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	392.49 (AUD)	49 Ordinary Shares
2/16/2023	Morgan Stanley Australia Securities Limited	Buy	4,271.72 (AUD)	538 Ordinary Shares
2/16/2023	Morgan Stanley Australia Securities Limited	Buy	4,529.78 (AUD)	568 Ordinary Shares
2/16/2023	Morgan Stanley Australia Securities Limited	Buy	430.38 (AUD)	54 Ordinary Shares
2/16/2023	Morgan Stanley Australia Securities Limited	Buy	462.26 (AUD)	58 Ordinary Shares
2/16/2023	Morgan Stanley Australia Securities Limited	Buy	5,046.30 (AUD)	630 Ordinary Shares

2/16/2023	Morgan Stanley Australia Securities Limited	Buy	5,145.56 (AUD)	644 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,458.19 (AUD)	687 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	523.38 (AUD)	66 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	575.64 (AUD)	72 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	599.25 (AUD)	75 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	599.25 (AUD)	75 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	61,547.71 (AUD)	7,781 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	63,295.82 (AUD)	8,002 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	67,796.61 (AUD)	8,571 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	678.30 (AUD)	85 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	7.97 (AUD)	1 Ordinary Share
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	71.73 (AUD)	9 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	745.42 (AUD)	94 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,043.14 (AUD)	1,022 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	803.45 (AUD)	101 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	86,796.43 (AUD)	10,973 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	869.82 (AUD)	109 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,603.85 (AUD)	1,205 Ordinary Shares
16/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,800.49 (AUD)	1,239 Ordinary Shares
16/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	10,119 Swaps
16/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	14,039 Swaps
16/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,359 Swaps
16/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	2,951 Swaps
16/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,870 Swaps
17/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,614 Swaps
17/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	767 Swaps
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,029.12 (AUD)	134 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,092.52 (AUD)	143 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,155.00 (AUD)	150 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,211.86 (AUD)	158 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,292.58 (AUD)	167 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,310.71 (AUD)	171 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,361.13 (AUD)	177 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,460.19 (AUD)	191 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,541.26 (AUD)	202 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,620.48 (AUD)	211 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,627.32 (AUD)	213 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,678.60 (AUD)	220 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,683.00 (AUD)	220 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,717.10 (AUD)	223 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,915.00 (AUD)	250 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	11,397.12 (AUD)	1,484 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	11,640.00 (AUD)	1,500 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	163.17 (AUD)	21 Ordinary Shares

2/17/2023	Morgan Stanley Australia Securities Limited	Buy	19,491.84 (AUD)	2,538 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	190.75 (AUD)	25 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	2,014.78 (AUD)	262 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,076.30 (AUD)	270 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,149.65 (AUD)	281 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,238.17 (AUD)	292 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,292.00 (AUD)	300 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,388.48 (AUD)	311 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,566.10 (AUD)	335 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,609.46 (AUD)	342 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,749.44 (AUD)	358 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,926.08 (AUD)	384 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	202.80 (AUD)	26 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	206.28 (AUD)	27 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	229.35 (AUD)	30 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	253.11 (AUD)	33 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	275.04 (AUD)	36 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	280.80 (AUD)	36 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	296.40 (AUD)	38 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,213.73 (AUD)	419 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,483.00 (AUD)	450 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	3,770.88 (AUD)	491 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	3,865.84 (AUD)	506 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	3,868.07 (AUD)	503 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	307.60 (AUD)	40 Ordinary Shares
2/17/2023	Morgan Stanley Australia Securities Limited	Buy	4,068.75 (AUD)	525 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,253.40 (AUD)	556 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,407.68 (AUD)	568 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,733.60 (AUD)	610 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	403.86 (AUD)	53 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	428.68 (AUD)	56 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	45.69 (AUD)	6 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,233.40 (AUD)	685 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,495.29 (AUD)	716 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,760.00 (AUD)	750 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,775.00 (AUD)	750 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,871.38 (AUD)	767 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	545.28 (AUD)	71 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	55,019.52 (AUD)	7,164 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	553.80 (AUD)	71 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	586.35 (AUD)	77 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	588.66 (AUD)	77 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	592.90 (AUD)	77 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,128.33 (AUD)	799 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	613.20 (AUD)	80 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	625.32 (AUD)	81 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	634.95 (AUD)	83 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	637.02 (AUD)	83 Ordinary Shares

17/02/2023	Morgan Stanley Australia Securities Limited	Buy	649.32 (AUD)	84 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	667.29 (AUD)	87 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	68,474.88 (AUD)	8,916 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,018.79 (AUD)	901 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,606.75 (AUD)	995 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,963.65 (AUD)	1,041 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	71,700.48 (AUD)	9,336 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	714.24 (AUD)	93 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	780.30 (AUD)	102 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,667.45 (AUD)	1,133 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	800.10 (AUD)	105 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	880.90 (AUD)	115 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	882.62 (AUD)	115 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	939.72 (AUD)	123 Ordinary Shares
17/02/2023	Morgan Stanley Australia Securities Limited	Buy	958.75 (AUD)	125 Ordinary Shares
17/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,361 Swaps
17/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	1,913 Swaps
17/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	26,384 Swaps
17/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	785 Swaps
20/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	1,556 Swaps
20/02/2023	Morgan Stanley & Co. International plc	Buy	N/A	500 Swaps
20/02/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	546,676 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,019.82 (AUD)	138 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,043.00 (AUD)	140 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,121.76 (AUD)	152 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,174.36 (AUD)	157 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,187.20 (AUD)	160 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,205.37 (AUD)	163 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,241.52 (AUD)	168 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,271.08 (AUD)	172 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	1,315.11 (AUD)	177 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	1,339.40 (AUD)	181 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	1,372.64 (AUD)	184 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	1,402.38 (AUD)	189 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	1,408.11 (AUD)	187 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	1,411.85 (AUD)	187 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,440.60 (AUD)	196 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,441.92 (AUD)	192 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,476.58 (AUD)	199 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,481.37 (AUD)	201 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,483.00 (AUD)	200 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,491.42 (AUD)	201 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,508.94 (AUD)	202 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,561.23 (AUD)	209 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,562.45 (AUD)	211 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,567.68 (AUD)	213 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,589.76 (AUD)	216 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,597.50 (AUD)	213 Ordinary Shares

20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,604.48 (AUD)	218 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,710.00 (AUD)	228 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,728.09 (AUD)	234 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,733.52 (AUD)	233 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,794.24 (AUD)	241 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,857.54 (AUD)	249 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,866.25 (AUD)	249 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	1,959.76 (AUD)	262 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	10,216.25 (AUD)	1,375 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	12,205.90 (AUD)	1,645 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	120.48 (AUD)	16 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	13,833.49 (AUD)	1,877 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	14,289.40 (AUD)	1,931 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	14,538.09 (AUD)	1,941 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	15,276.26 (AUD)	2,018 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	16,486.92 (AUD)	2,234 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	17,017.28 (AUD)	2,272 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	198.72 (AUD)	27 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,038.72 (AUD)	277 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,039.64 (AUD)	276 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,047.03 (AUD)	277 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,205.00 (AUD)	294 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,211.12 (AUD)	296 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,224.39 (AUD)	301 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,238.00 (AUD)	300 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,305.68 (AUD)	312 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,307.09 (AUD)	307 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,321.28 (AUD)	312 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,379.74 (AUD)	319 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,392.68 (AUD)	314 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,465.10 (AUD)	330 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,539.80 (AUD)	340 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,610.52 (AUD)	349 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,853.69 (AUD)	381 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	2,983.44 (AUD)	401 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	20,181.04 (AUD)	2,698 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	20,510.16 (AUD)	2,742 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	20,602.50 (AUD)	2,747 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	20,832.41 (AUD)	2,819 Ordinary Shares

2/20/2023	Morgan Stanley Australia Securities Limited	Buy	21,263.04 (AUD)	2,889 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	22,058.52 (AUD)	2,949 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	23,240.36 (AUD)	3,107 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	235.20 (AUD)	32 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	246.08 (AUD)	32 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	273.06 (AUD)	37 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,015.00 (AUD)	402 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,034.00 (AUD)	410 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,046.16 (AUD)	404 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,150.32 (AUD)	424 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,165.00 (AUD)	422 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,201.44 (AUD)	428 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,246.91 (AUD)	437 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,278.94 (AUD)	444 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,315.20 (AUD)	448 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,316.50 (AUD)	450 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,389.75 (AUD)	455 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,477.24 (AUD)	468 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,488.08 (AUD)	472 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,488.64 (AUD)	474 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,591.81 (AUD)	477 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,637.37 (AUD)	473 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,715.04 (AUD)	496 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,835.00 (AUD)	500 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,835.20 (AUD)	510 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	3,859.74 (AUD)	523 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	306.80 (AUD)	40 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	354.24 (AUD)	48 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,114.32 (AUD)	553 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,192.30 (AUD)	565 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,261.40 (AUD)	572 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,505.84 (AUD)	604 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,635.73 (AUD)	629 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,875.00 (AUD)	650 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	4,982.49 (AUD)	667 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	413.60 (AUD)	55 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	421.23 (AUD)	57 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	470.61 (AUD)	63 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,009.17 (AUD)	667 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,220.46 (AUD)	686 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,520.00 (AUD)	750 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,781.78 (AUD)	774 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	5,846.96 (AUD)	788 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	52.08 (AUD)	7 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	551.25 (AUD)	75 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	565.95 (AUD)	77 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	569.06 (AUD)	74 Ordinary Shares

20/02/2023	Morgan Stanley Australia Securities Limited	Buy	575.64 (AUD)	78 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	6,167.72 (AUD)	818 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	605.98 (AUD)	82 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	609.12 (AUD)	81 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	618.24 (AUD)	84 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	62,914.28 (AUD)	8,411 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	629.00 (AUD)	85 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	635.54 (AUD)	86 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	651.10 (AUD)	85 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	654.24 (AUD)	87 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	676.72 (AUD)	88 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	685.87 (AUD)	93 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	698.42 (AUD)	94 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	7,010.45 (AUD)	941 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,064.62 (AUD)	947 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,244.60 (AUD)	979 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,385.40 (AUD)	990 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,748.00 (AUD)	1,040 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	7,771.72 (AUD)	1,039 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	700.30 (AUD)	94 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	701.22 (AUD)	93 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	704.90 (AUD)	95 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	705.85 (AUD)	95 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	715.34 (AUD)	94 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	729.63 (AUD)	99 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	732.60 (AUD)	99 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	741.86 (AUD)	98 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	751.00 (AUD)	100 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	755.00 (AUD)	100 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	757.50 (AUD)	101 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	761.94 (AUD)	102 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	762.55 (AUD)	101 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	773.76 (AUD)	104 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,396.29 (AUD)	1,121 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,795.67 (AUD)	1,187 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,856.32 (AUD)	1,184 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	8,926.24 (AUD)	1,187 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	81.34 (AUD)	11 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	810.41 (AUD)	109 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	815.32 (AUD)	109 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	847.02 (AUD)	114 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	89.40 (AUD)	12 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	9,130.77 (AUD)	1,203 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,282.68 (AUD)	1,241 Ordinary Shares
2/20/2023	Morgan Stanley Australia Securities Limited	Buy	9,755.59 (AUD)	1,313 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	9,796.92 (AUD)	1,308 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	911.34 (AUD)	122 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	915.11 (AUD)	119 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	932.40 (AUD)	126 Ordinary Shares

20/02/2023	Morgan Stanley Australia Securities Limited	Buy	940.80 (AUD)	128 Ordinary Shares
20/02/2023	Morgan Stanley Australia Securities Limited	Buy	941.25 (AUD)	125 Ordinary Shares
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	10,000 Swaps
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	289 Swaps
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	3,826 Swaps
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	383 Swaps
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	4,714 Swaps
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	580 Swaps
20/02/2023	Morgan Stanley Capital Services LLC	Buy	N/A	743 Swaps

Annexure D

VERSION: JANUARY 2010



GLOBAL MASTER SECURITIES LENDING AGREEMENT



FRESHFIELDS BRUCKHAUS DERINGER

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AGREEMENT

Dated As Of [To be specified at execution]

Between:

MORGAN STANLEY & CO. INTERNATIONAL PLC (*Party A*) a company incorporated under the laws of England and Wales acting through one or more Designated Offices; and

TEST PARTY TEST PARTY TEST PARTY (*Party B*) a company incorporated under the laws of Cayman Islands acting through one or more Designated Offices.

1. APPLICABILITY

- 1.1 From time to time the Parties acting through one or more Designated Offices may enter into transactions in which one party (***Lender***) will transfer to the other (***Borrower***) securities and financial instruments (***Securities***) against the transfer of Collateral (as defined in paragraph 2) with a simultaneous agreement by Borrower to transfer to Lender Securities equivalent to such Securities on a fixed date or on demand against the transfer to Borrower by Lender of assets equivalent to such Collateral.
- 1.2 Each such transaction shall be referred to in this Agreement as a ***Loan*** and shall be governed by the terms of this Agreement, including the supplemental terms and conditions contained in the Schedule and any Addenda or Annexes attached hereto, unless otherwise agreed in writing. In the event of any inconsistency between the provisions of an Addendum or Annex and this Agreement, the provisions of such Addendum or Annex shall prevail unless the Parties otherwise agree.
- 1.3 Either Party may perform its obligations under this Agreement either directly or through a Nominee.

2. INTERPRETATION

- 2.1 In this Agreement:

Act of Insolvency means in relation to either Party:

- (a) its making a general assignment for the benefit of, or entering into a reorganisation, arrangement, or composition with creditors; or
- (b) its stating in writing that it is unable to pay its debts as they become due; or
- (c) its seeking, consenting to or acquiescing in the appointment of any trustee, administrator, receiver or liquidator or analogous officer of it or any material part of its property; or
- (d) the presentation or filing of a petition in respect of it (other than by the other Party to this Agreement in respect of any obligation under this Agreement) in any court or before any agency alleging or for the bankruptcy, winding-up or insolvency of such Party (or any analogous proceeding) or seeking any reorganisation, arrangement, composition, re-adjustment, administration, liquidation, dissolution or similar relief under any present or future statute, law or regulation, such petition not having been

stayed or dismissed within 30 days of its filing (except in the case of a petition for winding-up or any analogous proceeding in respect of which no such 30 day period shall apply); or

- (e) the appointment of a receiver, administrator, liquidator or trustee or analogous officer of such Party over all or any material part of such Party's property; or
- (f) the convening of any meeting of its creditors for the purpose of considering a voluntary arrangement as referred to in Section 3 of the Insolvency Act 1986 (or any analogous proceeding);

Agency Annex means the Annex to this Agreement published by the International Securities Lending Association and providing for Lender to act as agent for a third party in respect of one or more Loans;

Alternative Collateral means Collateral having a Market Value equal to the Collateral delivered pursuant to paragraph 5 and provided by way of substitution in accordance with the provisions of paragraph 5.3;

Applicable Law means the laws, rules and regulations (including double taxation conventions) of any relevant jurisdiction, including published practice of any government or other taxing authority in connection with such laws, rules and regulations;

Automatic Early Termination has the meaning given in paragraph 10.1(d);

Base Currency means the currency indicated in paragraph 2 of the Schedule;

Business Day means:

- (a) in relation to Delivery in respect of any Loan, a day other than a Saturday or a Sunday on which banks and securities markets are open for business generally in the place(s) where the relevant Securities, Equivalent Securities, Collateral or Equivalent Collateral are to be delivered;
- (b) in relation to any payments under this Agreement, a day other than a Saturday or a Sunday on which banks are open for business generally in the principal financial centre of the country of which the currency in which the payment is denominated is the official currency and, if different, in the place where any account designated by the Parties for the making or receipt of the payment is situated (or, in the case of a payment in euro, a day on which TARGET operates);
- (c) in relation to a notice or other communication served under this Agreement, any day other than a Saturday or a Sunday on which banks are open for business generally in the place designated for delivery in accordance with paragraph 3 of the Schedule; and
- (d) in any other case, a day other than a Saturday or a Sunday on which banks are open for business generally in each place stated in paragraph 6 of the Schedule;

Buy-In means any arrangement under which, in the event of a seller or transferor failing to deliver securities to the buyer or transferee, the buyer or transferee of such securities is entitled under the terms of such arrangement to buy or otherwise acquire securities equivalent to such securities and to recover the cost of so doing from the seller or transferor;

Cash Collateral means Collateral taking the form of a transfer of currency;

Close of Business means the time at which the relevant banks, securities settlement systems or depositories close in the business centre in which payment is to be made or Securities or Collateral is to be delivered;

Collateral means such securities or financial instruments or transfers of currency as are referred to in the table set out under paragraph 1 of the Schedule as being acceptable or any combination thereof as agreed between the Parties in relation to any particular Loan and which are delivered by Borrower to Lender in accordance with this Agreement and shall include Alternative Collateral;

Defaulting Party has the meaning given in paragraph 10;

Delivery in relation to any Securities or Collateral or Equivalent Securities or Equivalent Collateral comprising Securities means:

- (a) in the case of Securities held by a Nominee or within a clearing or settlement system, the crediting of such Securities to an account of the Borrower or Lender, as the case may be, or as it shall direct, or,
- (b) in the case of Securities otherwise held, the delivery to Borrower or Lender, as the case may be, or as the transferee shall direct of the relevant instruments of transfer, or
- (c) by such other means as may be agreed,

and **deliver** shall be construed accordingly;

Designated Office means the branch or office of a Party which is specified as such in paragraph 6 of the Schedule or such other branch or office as may be agreed to in writing by the Parties;

Equivalent or equivalent to in relation to any Loaned Securities or Collateral (whether Cash Collateral or Non-Cash Collateral) provided under this Agreement means Securities or other property, of an identical type, nominal value, description and amount to particular Loaned Securities or Collateral (as the case may be) so provided. If and to the extent that such Loaned Securities or Collateral (as the case may be) consists of Securities that are partly paid or have been converted, subdivided, consolidated, made the subject of a takeover, rights of pre-emption, rights to receive securities or a certificate which may at a future date be exchanged for Securities, the expression shall include such Securities or other assets to which Lender or Borrower (as the case may be) is entitled following the occurrence of the relevant event, and, if appropriate, the giving of the relevant notice in accordance with paragraph 6.7 and provided that Lender or Borrower (as the case may be) has paid to the other Party all and any sums due in respect thereof. In the event that such Loaned Securities or Collateral (as the case may be) have been redeemed, are partly paid, are the subject of a capitalisation issue or are subject to an event similar to any of the foregoing events described in this paragraph, the expression shall have the following meanings:

- (a) in the case of redemption, a sum of money equivalent to the proceeds of the redemption;
- (b) in the case of a call on partly-paid Securities, Securities equivalent to the relevant Loaned Securities or Collateral, as the case may be, provided that Lender shall have

paid Borrower, in respect of Loaned Securities, and Borrower shall have paid to Lender, in respect of Collateral, an amount of money equal to the sum due in respect of the call;

- (c) in the case of a capitalisation issue, Securities equivalent to the relevant Loaned Securities or Collateral, as the case may be, together with the securities allotted by way of bonus thereon;
- (d) in the case of any event similar to any of the foregoing events described in this paragraph, Securities equivalent to the Loaned Securities or the relevant Collateral, as the case may be, together with or replaced by a sum of money or Securities or other property equivalent to that received in respect of such Loaned Securities or Collateral, as the case may be, resulting from such event;

Income means any interest, dividends or other distributions of any kind whatsoever with respect to any Securities or Collateral;

Income Record Date, with respect to any Securities or Collateral, means the date by reference to which holders of such Securities or Collateral are identified as being entitled to payment of Income;

Letter of Credit means an irrevocable, non-negotiable letter of credit in a form, and from a bank, acceptable to Lender;

Loaned Securities means Securities which are the subject of an outstanding Loan;

Margin has the meaning specified in paragraph 1 of the Schedule with reference to the table set out therein;

Market Value means:

- (a) in relation to the valuation of Securities, Equivalent Securities, Collateral or Equivalent Collateral (other than Cash Collateral or a Letter of Credit):
 - (i) such price as is equal to the market quotation for the mid price of such Securities, Equivalent Securities, Collateral and/or Equivalent Collateral as derived from a reputable pricing information service reasonably chosen in good faith by Lender; or
 - (ii) if unavailable the market value thereof as derived from the mid price or rate bid by a reputable dealer for the relevant instrument reasonably chosen in good faith by Lender,

in each case at Close of Business on the previous Business Day, or as specified in the Schedule, unless agreed otherwise or, at the option of either Party where in its reasonable opinion there has been an exceptional movement in the price of the asset in question since such time, the latest available price, plus (in each case):

- (iii) the aggregate amount of Income which has accrued but not yet been paid in respect of the Securities, Equivalent Securities, Collateral or Equivalent Collateral concerned to the extent not included in such price,

provided that the price of Securities, Equivalent Securities, Collateral or Equivalent Collateral that are suspended or that cannot legally be transferred or that are

transferred or required to be transferred to a government, trustee or third party (whether by reason of nationalisation, expropriation or otherwise) shall for all purposes be a commercially reasonable price agreed between the Parties, or absent agreement, be a price provided by a third party dealer agreed between the Parties, or if the Parties do not agree a third party dealer then a price based on quotations provided by the Reference Dealers. If more than three quotations are provided, the Market Value will be the arithmetic mean of the prices, without regard to the quotations having the highest and lowest prices. If three quotations are provided, the Market Value will be the quotation remaining after disregarding the highest and lowest quotations. For this purpose, if more than one quotation has the same highest or lowest price, then one of such quotations shall be disregarded. If fewer than three quotations are provided, the Market Value of the relevant Securities, Equivalent Securities, Collateral or Equivalent Collateral shall be determined by the Party making the determination of Market Value acting reasonably;

- (b) in relation to a Letter of Credit the face or stated amount of such Letter of Credit; and
- (c) in relation to Cash Collateral the amount of the currency concerned;

Nominee means a nominee or agent appointed by either Party to accept delivery of, hold or deliver Securities, Equivalent Securities, Collateral and/or Equivalent Collateral or to receive or make payments on its behalf;

Non-Cash Collateral means Collateral other than Cash Collateral;

Non-Defaulting Party has the meaning given in paragraph 10;

Notification Time means the time specified in paragraph 1.5 of the Schedule;

Parties means Lender and Borrower and **Party** shall be construed accordingly;

Posted Collateral has the meaning given in paragraph 5.4;

Reference Dealers means, in relation to any Securities, Equivalent Securities, Collateral or Equivalent Collateral, four leading dealers in the relevant securities selected by the Party making the determination of Market Value in good faith;

Required Collateral Value has the meaning given in paragraph 5.4;

Sales Tax means value added tax and any other Tax of a similar nature (including, without limitation, any sales tax of any relevant jurisdiction);

Settlement Date means the date upon which Securities are due to be transferred to Borrower in accordance with this Agreement;

Stamp Tax means any stamp, transfer, registration, documentation or similar Tax; and

Tax means any present or future tax, levy, impost, duty, charge, assessment or fee of any nature (including interest, penalties and additions thereto) imposed by any government or other taxing authority in respect of any transaction effected pursuant to or contemplated by, or any payment under or in respect of, this Agreement.

2.2 Headings

All headings appear for convenience only and shall not affect the interpretation of this Agreement.

2.3 **Market terminology**

Notwithstanding the use of expressions such as “borrow”, “lend”, “Collateral”, “Margin” etc. which are used to reflect terminology used in the market for transactions of the kind provided for in this Agreement, title to Securities “borrowed” or “lent” and “Collateral” provided in accordance with this Agreement shall pass from one Party to another as provided for in this Agreement, the Party obtaining such title being obliged to deliver Equivalent Securities or Equivalent Collateral as the case may be.

2.4 **Currency conversions**

Subject to paragraph 11, for the purposes of determining any prices, sums or values (including Market Value and Required Collateral Value) prices, sums or values stated in currencies other than the Base Currency shall be converted into the Base Currency at the latest available spot rate of exchange quoted by a bank selected by Lender (or if an Event of Default has occurred in relation to Lender, by Borrower) in the London inter-bank market for the purchase of the Base Currency with the currency concerned on the day on which the calculation is to be made or, if that day is not a Business Day, the spot rate of exchange quoted at Close of Business on the immediately preceding Business Day on which such a quotation was available.

2.5 The Parties confirm that introduction of and/or substitution (in place of an existing currency) of a new currency as the lawful currency of a country shall not have the effect of altering, or discharging, or excusing performance under, any term of the Agreement or any Loan thereunder, nor give a Party the right unilaterally to alter or terminate the Agreement or any Loan thereunder. Securities will for the purposes of this Agreement be regarded as equivalent to other securities notwithstanding that as a result of such introduction and/or substitution those securities have been redenominated into the new currency or the nominal value of the securities has changed in connection with such redenomination.

2.6 **Modifications etc. to legislation**

Any reference in this Agreement to an act, regulation or other legislation shall include a reference to any statutory modification or re-enactment thereof for the time being in force.

3. **LOANS OF SECURITIES**

Lender will lend Securities to Borrower, and Borrower will borrow Securities from Lender in accordance with the terms and conditions of this Agreement. The terms of each Loan shall be agreed prior to the commencement of the relevant Loan either orally or in writing (including any agreed form of electronic communication) and confirmed in such form and on such basis as shall be agreed between the Parties. Unless otherwise agreed, any confirmation produced by a Party shall not supersede or prevail over the prior oral, written or electronic communication (as the case may be).

4. **DELIVERY**

4.1 **Delivery of Securities on commencement of Loan**

Lender shall procure the Delivery of Securities to Borrower or deliver such Securities in accordance with this Agreement and the terms of the relevant Loan.

4.2 **Requirements to effect Delivery**

The Parties shall execute and deliver all necessary documents and give all necessary instructions to procure that all right, title and interest in:

- (a) any Securities borrowed pursuant to paragraph 3;
- (b) any Equivalent Securities delivered pursuant to paragraph 8;
- (c) any Collateral delivered pursuant to paragraph 5;
- (d) any Equivalent Collateral delivered pursuant to paragraphs 5 or 8;

shall pass from one Party to the other subject to the terms and conditions set out in this Agreement, on delivery of the same in accordance with this Agreement with full title guarantee, free from all liens, charges and encumbrances. In the case of Securities, Collateral, Equivalent Securities or Equivalent Collateral title to which is registered in a computer-based system which provides for the recording and transfer of title to the same by way of book entries, delivery and transfer of title shall take place in accordance with the rules and procedures of such system as in force from time to time. The Party acquiring such right, title and interest shall have no obligation to return or deliver any of the assets so acquired but, in so far as any Securities are borrowed by or any Collateral is delivered to such Party, such Party shall be obliged, subject to the terms of this Agreement, to deliver Equivalent Securities or Equivalent Collateral as appropriate.

4.3 **Deliveries to be simultaneous unless otherwise agreed**

Where under the terms of this Agreement a Party is not obliged to make a Delivery unless simultaneously a Delivery is made to it, subject to and without prejudice to its rights under paragraph 8.6, such Party may from time to time in accordance with market practice and in recognition of the practical difficulties in arranging simultaneous delivery of Securities, Collateral and cash transfers, waive its right under this Agreement in respect of simultaneous delivery and/or payment provided that no such waiver (whether by course of conduct or otherwise) in respect of one transaction shall bind it in respect of any other transaction.

4.4 **Deliveries of Income**

In respect of Income being paid in relation to any Loaned Securities or Collateral, Borrower (in the case of Income being paid in respect of Loaned Securities) and Lender (in the case of Income being paid in respect of Collateral) shall provide to the other Party, as the case may be, any endorsements or assignments as shall be customary and appropriate to effect, in accordance with paragraph 6, the payment or delivery of money or property in respect of such Income to Lender, irrespective of whether Borrower received such endorsements or assignments in respect of any Loaned Securities, or to Borrower, irrespective of whether Lender received such endorsements or assignments in respect of any Collateral.

5. **COLLATERAL**

5.1 **Delivery of Collateral on commencement of Loan**

Subject to the other provisions of this paragraph 5, Borrower undertakes to deliver to or deposit with Lender (or in accordance with Lender's instructions) Collateral simultaneously with Delivery of the Securities to which the Loan relates and in any event no later than Close of Business on the Settlement Date.

5.2 Deliveries through securities settlement systems generating automatic payments

Unless otherwise agreed between the Parties, where any Securities, Equivalent Securities, Collateral or Equivalent Collateral (in the form of securities) are transferred through a book entry transfer or settlement system which automatically generates a payment or delivery, or obligation to pay or deliver, against the transfer of such securities, then:

- (a) such automatically generated payment, delivery or obligation shall be treated as a payment or delivery by the transferee to the transferor, and except to the extent that it is applied to discharge an obligation of the transferee to effect payment or delivery, such payment or delivery, or obligation to pay or deliver, shall be deemed to be a transfer of Collateral or delivery of Equivalent Collateral, as the case may be, made by the transferee until such time as the Collateral or Equivalent Collateral is substituted with other Collateral or Equivalent Collateral if an obligation to deliver other Collateral or deliver Equivalent Collateral existed immediately prior to the transfer of Securities, Equivalent Securities, Collateral or Equivalent Collateral; and
- (b) the Party receiving such substituted Collateral or Equivalent Collateral, or if no obligation to deliver other Collateral or redeliver Equivalent Collateral existed immediately prior to the transfer of Securities, Equivalent Securities, Collateral or Equivalent Collateral, the Party receiving the deemed transfer of Collateral or Delivery of Equivalent Collateral, as the case may be, shall cause to be made to the other Party for value the same day either, where such transfer is a payment, an irrevocable payment in the amount of such transfer or, where such transfer is a Delivery, an irrevocable Delivery of securities (or other property, as the case may be) equivalent to such property.

5.3 Substitutions of Collateral

Borrower may from time to time call for the repayment of Cash Collateral or the Delivery of Collateral equivalent to any Collateral delivered to Lender prior to the date on which the same would otherwise have been repayable or deliverable provided that at or prior to the time of such repayment or Delivery Borrower shall have delivered Alternative Collateral acceptable to Lender and Borrower is in compliance with paragraph 5.4 or paragraph 5.5, as applicable.

5.4 Marking to Market of Collateral during the currency of a Loan on aggregated basis

Unless paragraph 1.3 of the Schedule indicates that paragraph 5.5 shall apply in lieu of this paragraph 5.4, or unless otherwise agreed between the Parties:

- (a) the aggregate Market Value of the Collateral delivered to or deposited with Lender (excluding any Equivalent Collateral repaid or delivered under paragraphs 5.4(b) or 5.5(b) (as the case may be)) (***Posted Collateral***) in respect of all Loans outstanding under this Agreement shall equal the aggregate of the Market Value of Securities equivalent to the Loaned Securities and the applicable Margin (the ***Required Collateral Value***) in respect of such Loans;
- (b) if at any time on any Business Day the aggregate Market Value of the Posted Collateral in respect of all Loans outstanding under this Agreement together with: (i) all amounts due and payable by the Lender under this Agreement but which are unpaid; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of any Non-Cash Collateral, the amount or Market Value of Income payable in respect of such Non-Cash Collateral exceeds the aggregate of the

Required Collateral Values in respect of such Loans together with: (i) all amounts due and payable by the Borrower under this Agreement but which are unpaid; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of any securities equivalent to Loaned Securities, the amount or Market Value of Income payable in respect of such Equivalent Securities, Lender shall (on demand) repay and/or deliver, as the case may be, to Borrower such Equivalent Collateral as will eliminate the excess;

- (c) if at any time on any Business Day the aggregate Market Value of the Posted Collateral in respect of all Loans outstanding under this Agreement together with: (i) all amounts due and payable by the Lender under this Agreement but which are unpaid; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of any Non-Cash Collateral, the amount or Market Value of Income payable in respect of such Non-Cash Collateral falls below the aggregate of Required Collateral Values in respect of all such Loans together with: (i) all amounts due and payable by the Borrower under this Agreement but which are unpaid; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of Securities equivalent to any Loaned Securities, the amount or Market Value of Income payable in respect of such Equivalent Securities, Borrower shall (on demand) provide such further Collateral to Lender as will eliminate the deficiency;
- (d) where a Party acts as both Lender and Borrower under this Agreement, the provisions of paragraphs 5.4(b) and 5.4(c) shall apply separately (and without duplication) in respect of Loans entered into by that Party as Lender and Loans entered into by that Party as Borrower.

5.5 Marking to Market of Collateral during the currency of a Loan on a Loan by Loan basis

If paragraph 1.3 of the Schedule indicates this paragraph 5.5 shall apply in lieu of paragraph 5.4, the Posted Collateral in respect of any Loan shall bear from day to day and at any time the same proportion to the Market Value of Securities equivalent to the Loaned Securities as the Posted Collateral bore at the commencement of such Loan. Accordingly:

- (a) the Market Value of the Posted Collateral to be delivered or deposited while the Loan continues shall be equal to the Required Collateral Value;
- (b) if at any time on any Business Day the Market Value of the Posted Collateral in respect of any Loan together with: (i) all amounts due and payable by the Lender in respect of that Loan but which are unpaid; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of any Non-Cash Collateral, the amount or Market Value of Income payable in respect of such Non-Cash Collateral exceeds the Required Collateral Value in respect of such Loan together with: (i) all amounts due and payable by the Borrower in respect of that Loan; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of Securities equivalent to any Loaned Securities, the amount or Market Value of Income payable in respect of such Equivalent Securities, Lender shall (on demand) repay and/or deliver, as the case may be, to Borrower such Equivalent Collateral as will eliminate the excess; and
- (c) if at any time on any Business Day the Market Value of the Posted Collateral together with: (i) all amounts due any payable by the Lender in respect of that Loan; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of any Non-Cash Collateral, the amount or Market Value of Income payable in respect

of such Non-Cash Collateral falls below the Required Collateral Value together with:
(i) all amounts due and payable by the Borrower in respect of that Loan; and (ii) if agreed between the parties and if the Income Record Date has occurred in respect of Securities equivalent to any Loaned Securities, the amount or Market Value of Income payable in respect of such Equivalent Securities, Borrower shall (on demand) provide such further Collateral to Lender as will eliminate the deficiency.

5.6 Requirements to deliver excess Collateral

Where paragraph 5.4 applies, unless paragraph 1.4 of the Schedule indicates that this paragraph 5.6 does not apply, if a Party (the *first Party*) would, but for this paragraph 5.6, be required under paragraph 5.4 to provide further Collateral or deliver Equivalent Collateral in circumstances where the other Party (the *second Party*) would, but for this paragraph 5.6, also be required to or provide Collateral or deliver Equivalent Collateral under paragraph 5.4, then the Market Value of the Collateral or Equivalent Collateral deliverable by the first Party (*X*) shall be set off against the Market Value of the Collateral or Equivalent Collateral deliverable by the second Party (*Y*) and the only obligation of the Parties under paragraph 5.4 shall be, where X exceeds Y, an obligation of the first Party, or where Y exceeds X, an obligation of the second Party to repay and/or (as the case may be) deliver Equivalent Collateral or to deliver further Collateral having a Market Value equal to the difference between X and Y.

5.7 Where Equivalent Collateral is repaid or delivered (as the case may be) or further Collateral is provided by a Party under paragraph 5.6, the Parties shall agree to which Loan or Loans such repayment, delivery or further provision is to be attributed and failing agreement it shall be attributed, as determined by the Party making such repayment, delivery or further provision to the earliest outstanding Loan and, in the case of a repayment or delivery up to the point at which the Market Value of Collateral in respect of such Loan equals the Required Collateral Value in respect of such Loan, and then to the next earliest outstanding Loan up to the similar point and so on.

5.8 Timing of repayments of excess Collateral or deliveries of further Collateral

Where any Equivalent Collateral falls to be repaid or delivered (as the case may be) or further Collateral is to be provided under this paragraph 5, unless otherwise provided or agreed between the Parties, if the relevant demand is received by the Notification Time specified in paragraph 1.5 of the Schedule, then the delivery shall be made not later than the Close of Business on the same Business Day; if a demand is received after the Notification Time, then the relevant delivery shall be made not later than the Close of Business on the next Business Day after the date such demand is received.

5.9 Substitutions and extensions of Letters of Credit

Where Collateral is a Letter of Credit, Lender may by notice to Borrower require that Borrower, on the third Business Day following the date of delivery of such notice (or by such other time as the Parties may agree), substitute Collateral consisting of cash or other Collateral acceptable to Lender for the Letter of Credit. Prior to the expiration of any Letter of Credit supporting Borrower's obligations hereunder, Borrower shall, no later than 10.30 a.m. UK time on the second Business Day prior to the date such Letter of Credit expires (or by such other time as the Parties may agree), obtain an extension of the expiration of such Letter of Credit or replace such Letter of Credit by providing Lender with a substitute Letter of Credit in an amount at least equal to the amount of the Letter of Credit for which it is substituted.

6. DISTRIBUTIONS AND CORPORATE ACTIONS

6.1 In this paragraph 6, references to an amount of Income received by any Party in respect of any Loaned Securities or Non-Cash Collateral shall be to an amount received from the issuer after any applicable withholding or deduction for or on account of Tax.

6.2 **Manufactured payments in respect of Loaned Securities**

Where the term of a Loan extends over an Income Record Date in respect of any Loaned Securities, Borrower shall, on the date such Income is paid by the issuer, or on such other date as the Parties may from time to time agree, pay or deliver to Lender such sum of money or property as is agreed between the Parties or, failing such agreement, a sum of money or property equivalent to (and in the same currency as) the type and amount of such Income that would be received by Lender in respect of such Loaned Securities assuming such Securities were not loaned to Borrower and were retained by Lender on the Income Record Date.

6.3 **Manufactured payments in respect of Non-Cash Collateral**

Where Non-Cash Collateral is delivered by Borrower to Lender and an Income Record Date in respect of such Non-Cash Collateral occurs before Equivalent Collateral is delivered by Lender to Borrower, Lender shall on the date such Income is paid, or on such other date as the Parties may from time to time agree, pay or deliver to Borrower a sum of money or property as is agreed between the Parties or, failing such agreement, a sum of money or property equivalent to (and in the same currency as) the type and amount of such Income that would be received by Lender in respect of such Non-Cash Collateral assuming Lender:

- (a) retained the Non-Cash Collateral on the Income Record Date; and
- (b) is not entitled to any credit, benefit or other relief in respect of Tax under any Applicable Law.

6.4 **Indemnity for failure to redeliver Equivalent Non-Cash Collateral**

Unless paragraph 1.6 of the Schedule indicates that this paragraph does not apply, where:

- (a) prior to any Income Record Date in relation to Non-Cash Collateral, Borrower has in accordance with paragraph 5.3 called for the Delivery of Equivalent Non-Cash Collateral;
- (b) Borrower has given notice of such call to Lender so as to be effective, at the latest, five hours before the Close of Business on the last Business Day on which Lender would customarily be required to initiate settlement of the Non-Cash Collateral to enable settlement to take place on the Business Day immediately preceding the relevant Income Record Date;
- (c) Borrower has provided reasonable details to Lender of the Non-Cash Collateral, the relevant Income Record Date and the proposed Alternative Collateral;
- (d) Lender, acting reasonably, has determined that such Alternative Collateral is acceptable to it and Borrower shall have delivered or delivers such Alternative Collateral to Lender; and
- (e) Lender has failed to make reasonable efforts to transfer Equivalent Non-Cash Collateral to Borrower prior to such Income Record Date,

Lender shall indemnify Borrower in respect of any cost, loss or damage (excluding any indirect or consequential loss or damage or any amount otherwise compensated by Lender, including pursuant to paragraphs 6.3 and/or 9.3) suffered by Borrower that it would not have suffered had the relevant Equivalent Non-Cash Collateral been transferred to Borrower prior to such Income Record Date.

6.5 Income in the form of Securities

Where Income, in the form of securities, is paid in relation to any Loaned Securities or Collateral, such securities shall be added to such Loaned Securities or Collateral (and shall constitute Loaned Securities or Collateral, as the case may be, and be part of the relevant Loan) and will not be delivered to Lender, in the case of Loaned Securities, or to Borrower, in the case of Collateral, until the end of the relevant Loan, provided that the Lender or Borrower (as the case may be) fulfils its obligations under paragraph 5.4 or 5.5 (as applicable) with respect to the additional Loaned Securities or Collateral, as the case may be.

6.6 Exercise of voting rights

Where any voting rights fall to be exercised in relation to any Loaned Securities or Collateral, neither Borrower, in the case of Equivalent Securities, nor Lender, in the case of Equivalent Collateral, shall have any obligation to arrange for voting rights of that kind to be exercised in accordance with the instructions of the other Party in relation to the Securities borrowed by it or transferred to it by way of Collateral, as the case may be, unless otherwise agreed between the Parties.

6.7 Corporate actions

Where, in respect of any Loaned Securities or any Collateral, any rights relating to conversion, sub-division, consolidation, pre-emption, rights arising under a takeover offer, rights to receive securities or a certificate which may at a future date be exchanged for securities or other rights, including those requiring election by the holder for the time being of such Securities or Collateral, become exercisable prior to the delivery of Equivalent Securities or Equivalent Collateral, then Lender or Borrower, as the case may be, may, within a reasonable time before the latest time for the exercise of the right or option give written notice to the other Party that on delivery of Equivalent Securities or Equivalent Collateral, as the case may be, it wishes to receive Equivalent Securities or Equivalent Collateral in such form as will arise if the right is exercised or, in the case of a right which may be exercised in more than one manner, is exercised as is specified in such written notice.

7. RATES APPLICABLE TO LOANED SECURITIES AND CASH COLLATERAL

7.1 Rates in respect of Loaned Securities

In respect of each Loan, Borrower shall pay to Lender, in the manner prescribed in subparagraph 7.3, sums calculated by applying such rate as shall be agreed between the Parties from time to time to the daily Market Value of the Loaned Securities.

7.2 Rates in respect of Cash Collateral

Where Cash Collateral is deposited with Lender in respect of any Loan, Lender shall pay to Borrower, in the manner prescribed in paragraph 7.3, sums calculated by applying such rates as shall be agreed between the Parties from time to time to the amount of such Cash

Collateral. Any such payment due to Borrower may be set-off against any payment due to Lender pursuant to paragraph 7.1.

7.3 Payment of rates

In respect of each Loan, the payments referred to in paragraph 7.1 and 7.2 shall accrue daily in respect of the period commencing on and inclusive of the Settlement Date and terminating on and exclusive of the Business Day upon which Equivalent Securities are delivered or Cash Collateral is repaid. Unless otherwise agreed, the sums so accruing in respect of each calendar month shall be paid in arrears by the relevant Party not later than the Business Day which is the tenth Business Day after the last Business Day of the calendar month to which such payments relate or such other date as the Parties shall from time to time agree.

8. DELIVERY OF EQUIVALENT SECURITIES

8.1 Lender's right to terminate a Loan

Subject to paragraph 11 and the terms of the relevant Loan, Lender shall be entitled to terminate a Loan and to call for the delivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered. Borrower shall deliver such Equivalent Securities not later than the expiry of such notice in accordance with Lender's instructions.

8.2 Borrower's right to terminate a Loan

Subject to the terms of the relevant Loan, Borrower shall be entitled at any time to terminate a Loan and to deliver all and any Equivalent Securities due and outstanding to Lender in accordance with Lender's instructions and Lender shall accept such delivery.

8.3 Delivery of Equivalent Securities on termination of a Loan

Borrower shall procure the Delivery of Equivalent Securities to Lender or deliver Equivalent Securities in accordance with this Agreement and the terms of the relevant Loan on termination of the Loan. For the avoidance of doubt any reference in this Agreement or in any other agreement or communication between the Parties (howsoever expressed) to an obligation to deliver or account for or act in relation to Loaned Securities shall accordingly be construed as a reference to an obligation to deliver or account for or act in relation to Equivalent Securities.

8.4 Delivery of Equivalent Collateral on termination of a Loan

On the date and time that Equivalent Securities are required to be delivered by Borrower on the termination of a Loan, Lender shall simultaneously (subject to paragraph 5.4 if applicable) repay to Borrower any Cash Collateral or, as the case may be, deliver Collateral equivalent to the Collateral provided by Borrower pursuant to paragraph 5 in respect of such Loan. For the avoidance of doubt any reference in this Agreement or in any other agreement or communication between the Parties (however expressed) to an obligation to deliver or account for or act in relation to Collateral shall accordingly be construed as a reference to an obligation to deliver or account for or act in relation to Equivalent Collateral.

8.5 Delivery of Letters of Credit

Where a Letter of Credit is provided by way of Collateral, the obligation to deliver Equivalent Collateral is satisfied by Lender delivering for cancellation the Letter of Credit so provided, or where the Letter of Credit is provided in respect of more than one Loan, by Lender consenting to a reduction in the value of the Letter of Credit.

8.6 Delivery obligations to be reciprocal

Neither Party shall be obliged to make delivery (or make a payment as the case may be) to the other unless it is satisfied that the other Party will make such delivery (or make an appropriate payment as the case may be) to it. If it is not so satisfied (whether because an Event of Default has occurred in respect of the other Party or otherwise) it shall notify the other Party and unless that other Party has made arrangements which are sufficient to assure full delivery (or the appropriate payment as the case may be) to the notifying Party, the notifying Party shall (provided it is itself in a position, and willing, to perform its own obligations) be entitled to withhold delivery (or payment, as the case may be) to the other Party until such arrangements to assure full delivery (or the appropriate payment as the case may be) are made.

9. FAILURE TO DELIVER

9.1 Borrower's failure to deliver Equivalent Securities

If Borrower fails to deliver Equivalent Securities in accordance with paragraph 8.3 Lender may:

- (a) elect to continue the Loan (which, for the avoidance of doubt, shall continue to be taken into account for the purposes of paragraph 5.4 or 5.5 as applicable); or
- (b) at any time while such failure continues, by written notice to Borrower declare that that Loan (but only that Loan) shall be terminated immediately in accordance with paragraph 11.2 as if (i) an Event of Default had occurred in relation to the Borrower, (ii) references to the Termination Date were to the date on which notice was given under this sub-paragraph, and (iii) the Loan were the only Loan outstanding. For the avoidance of doubt, any such failure shall not constitute an Event of Default (including under paragraph 10.1(i)) unless the Parties otherwise agree.

9.2 Lender's failure to deliver Equivalent Collateral

If Lender fails to deliver Equivalent Collateral comprising Non-Cash Collateral in accordance with paragraph 8.4 or 8.5, Borrower may:

- (a) elect to continue the Loan (which, for the avoidance of doubt, shall continue to be taken into account for the purposes of paragraph 5.4 or 5.5 as applicable); or
- (b) at any time while such failure continues, by written notice to Lender declare that that Loan (but only that Loan) shall be terminated immediately in accordance with paragraph 11.2 as if (i) an Event of Default had occurred in relation to the Lender, (ii) references to the Termination Date were to the date on which notice was given under this sub-paragraph, and (iii) the Loan were the only Loan outstanding. For the avoidance of doubt, any such failure shall not constitute an Event of Default (including under paragraph 10.1(i)) unless the Parties otherwise agree.

9.3 Failure by either Party to deliver

Where a Party (the *Transferor*) fails to deliver Equivalent Securities or Equivalent Collateral by the time required under this Agreement or within such other period as may be agreed between the Transferor and the other Party (the *Transferee*) and the Transferee:

- (a) incurs interest, overdraft or similar costs and expenses; or
- (b) incurs costs and expenses as a direct result of a Buy-in exercised against it by a third party,

then the Transferor agrees to pay within one Business Day of a demand from the Transferee and hold harmless the Transferee with respect to all reasonable costs and expenses listed in sub-paragraphs (a) and (b) above properly incurred which arise directly from such failure other than (i) such costs and expenses which arise from the negligence or wilful default of the Transferee and (ii) any indirect or consequential losses.

10. EVENTS OF DEFAULT

10.1 Each of the following events occurring and continuing in relation to either Party (the *Defaulting Party*, the other Party being the *Non-Defaulting Party*) shall be an Event of Default but only (subject to sub-paragraph 10.1(d)) where the Non-Defaulting Party serves written notice on the Defaulting Party:

- (a) Borrower or Lender failing to pay or repay Cash Collateral or to deliver Collateral on commencement of the Loan under paragraph 5.1 or to deliver further Collateral under paragraph 5.4 or 5.5;
- (b) Lender or Borrower failing to comply with its obligations under paragraph 6.2 or 6.3 upon the due date and not remedying such failure within three Business Days after the Non-Defaulting Party serves written notice requiring it to remedy such failure;
- (c) Lender or Borrower failing to pay any sum due under paragraph 9.1(b), 9.2(b) or 9.3 upon the due date;
- (d) an Act of Insolvency occurring with respect to Lender or Borrower, provided that, where the Parties have specified in paragraph 5 of the Schedule that Automatic Early Termination shall apply, an Act of Insolvency which is the presentation of a petition for winding up or any analogous proceeding or the appointment of a liquidator or analogous officer of the Defaulting Party shall not require the Non-Defaulting Party to serve written notice on the Defaulting Party (*Automatic Early Termination*);
- (e) any warranty made by Lender or Borrower in paragraph 13 or paragraphs 14(a) to 14(d) being incorrect or untrue in any material respect when made or repeated or deemed to have been made or repeated;
- (f) Lender or Borrower admitting to the other that it is unable to, or it intends not to, perform any of its obligations under this Agreement and/or in respect of any Loan where such failure to perform would with the service of notice or lapse of time constitute an Event of Default;
- (g) all or any material part of the assets of Lender or Borrower being transferred or ordered to be transferred to a trustee (or a person exercising similar functions) by a regulatory authority pursuant to any legislation;

- (h) Lender (if applicable) or Borrower being declared in default or being suspended or expelled from membership of or participation in, any securities exchange or suspended or prohibited from dealing in securities by any regulatory authority, in each case on the grounds that it has failed to meet any requirements relating to financial resources or credit rating; or
 - (i) Lender or Borrower failing to perform any other of its obligations under this Agreement and not remedying such failure within 30 days after the Non-Defaulting Party serves written notice requiring it to remedy such failure.
- 10.2 Each Party shall notify the other (in writing) if an Event of Default or an event which, with the passage of time and/or upon the serving of a written notice as referred to above, would be an Event of Default, occurs in relation to it.
- 10.3 The provisions of this Agreement constitute a complete statement of the remedies available to each Party in respect of any Event of Default.
- 10.4 Subject to paragraphs 9 and 11, neither Party may claim any sum by way of consequential loss or damage in the event of failure by the other Party to perform any of its obligations under this Agreement.

11. CONSEQUENCES OF AN EVENT OF DEFAULT

- 11.1 If an Event of Default occurs in relation to either Party then paragraphs 11.2 to 11.7 below shall apply.
- 11.2 The Parties' delivery and payment obligations (and any other obligations they have under this Agreement) shall be accelerated so as to require performance thereof at the time such Event of Default occurs (the date of which shall be the **Termination Date**) so that performance of such delivery and payment obligations shall be effected only in accordance with the following provisions.
- (a) The Default Market Value of the Equivalent Securities and Equivalent Non-Cash Collateral to be delivered and the amount of any Cash Collateral (including sums accrued) to be repaid and any other cash (including interest accrued) to be paid by each Party shall be established by the Non-Defaulting Party in accordance with paragraph 11.4 and deemed as at the Termination Date.
 - (b) On the basis of the sums so established, an account shall be taken (as at the Termination Date) of what is due from each Party to the other under this Agreement (on the basis that each Party's claim against the other in respect of delivery of Equivalent Securities or Equivalent Non-Cash Collateral equal to the Default Market Value thereof) and the sums due from one Party shall be set off against the sums due from the other and only the balance of the account shall be payable (by the Party having the claim valued at the lower amount pursuant to the foregoing) and such balance shall be payable on the next following Business Day after such account has been taken and such sums have been set off in accordance with this paragraph. For the purposes of this calculation, any sum not denominated in the Base Currency shall be converted into the Base Currency at the spot rate prevailing at such dates and times determined by the Non-Defaulting Party acting reasonably.
 - (c) If the balance under sub-paragraph (b) above is payable by the Non-Defaulting Party and the Non-Defaulting Party had delivered to the Defaulting Party a Letter of Credit,

the Defaulting Party shall draw on the Letter of Credit to the extent of the balance due and shall subsequently deliver for cancellation the Letter of Credit so provided.

- (d) If the balance under sub-paragraph (b) above is payable by the Defaulting Party and the Defaulting Party had delivered to the Non-Defaulting Party a Letter of Credit, the Non-Defaulting Party shall draw on the Letter of Credit to the extent of the balance due and shall subsequently deliver for cancellation the Letter of Credit so provided.
- (e) In all other circumstances, where a Letter of Credit has been provided to a Party, such Party shall deliver for cancellation the Letter of Credit so provided.

11.3 For the purposes of this Agreement, the **Default Market Value** of any Equivalent Collateral in the form of a Letter of Credit shall be zero and of any Equivalent Securities or any other Equivalent Non-Cash Collateral shall be determined in accordance with paragraphs 11.4 to 11.6 below, and for this purpose:

- (a) the **Appropriate Market** means, in relation to securities of any description, the market which is the most appropriate market for securities of that description, as determined by the Non-Defaulting Party;
- (b) the **Default Valuation Time** means, in relation to an Event of Default, the close of business in the Appropriate Market on the fifth dealing day after the day on which that Event of Default occurs or, where that Event of Default is the occurrence of an Act of Insolvency in respect of which under paragraph 10.1(d) no notice is required from the Non-Defaulting Party in order for such event to constitute an Event of Default, the close of business on the fifth dealing day after the day on which the Non-Defaulting Party first became aware of the occurrence of such Event of Default;
- (c) **Deliverable Securities** means Equivalent Securities or Equivalent Non-Cash Collateral to be delivered by the Defaulting Party;
- (d) **Net Value** means at any time, in relation to any Deliverable Securities or Receivable Securities, the amount which, in the reasonable opinion of the Non-Defaulting Party, represents their fair market value, having regard to such pricing sources and methods (which may include, without limitation, available prices for securities with similar maturities, terms and credit characteristics as the relevant Equivalent Securities or Equivalent Collateral) as the Non-Defaulting Party considers appropriate, less, in the case of Receivable Securities, or plus, in the case of Deliverable Securities, all Transaction Costs incurred or reasonably anticipated in connection with the purchase or sale of such securities;
- (e) **Receivable Securities** means Equivalent Securities or Equivalent Non-Cash Collateral to be delivered to the Defaulting Party; and
- (f) **Transaction Costs** in relation to any transaction contemplated in paragraph 11.4 or 11.5 means the reasonable costs, commissions (including internal commissions), fees and expenses (including any mark-up or mark-down or premium paid for guaranteed delivery) incurred or reasonably anticipated in connection with the purchase of Deliverable Securities or sale of Receivable Securities, calculated on the assumption that the aggregate thereof is the least that could reasonably be expected to be paid in order to carry out the transaction.

11.4 If between the Termination Date and the Default Valuation Time:

- (a) the Non-Defaulting Party has sold, in the case of Receivable Securities, or purchased, in the case of Deliverable Securities, securities which form part of the same issue and are of an identical type and description as those Equivalent Securities or that Equivalent Collateral, (and regardless as to whether or not such sales or purchases have settled) the Non-Defaulting Party may elect to treat as the Default Market Value:
- (i) in the case of Receivable Securities, the net proceeds of such sale after deducting all Transaction Costs; provided that, where the securities sold are not identical in amount to the Equivalent Securities or Equivalent Collateral, the Non-Defaulting Party may, acting in good faith, either (A) elect to treat such net proceeds of sale divided by the amount of securities sold and multiplied by the amount of the Equivalent Securities or Equivalent Collateral as the Default Market Value or (B) elect to treat such net proceeds of sale of the Equivalent Securities or Equivalent Collateral actually sold as the Default Market Value of that proportion of the Equivalent Securities or Equivalent Collateral, and, in the case of (B), the Default Market Value of the balance of the Equivalent Securities or Equivalent Collateral shall be determined separately in accordance with the provisions of this paragraph 11.4; or
 - (ii) in the case of Deliverable Securities, the aggregate cost of such purchase, including all Transaction Costs; provided that, where the securities purchased are not identical in amount to the Equivalent Securities or Equivalent Collateral, the Non-Defaulting Party may, acting in good faith, either (A) elect to treat such aggregate cost divided by the amount of securities purchased and multiplied by the amount of the Equivalent Securities or Equivalent Collateral as the Default Market Value or (B) elect to treat the aggregate cost of purchasing the Equivalent Securities or Equivalent Collateral actually purchased as the Default Market Value of that proportion of the Equivalent Securities or Equivalent Collateral, and, in the case of (B), the Default Market Value of the balance of the Equivalent Securities or Equivalent Collateral shall be determined separately in accordance with the provisions of this paragraph 11.4;
- (b) the Non-Defaulting Party has received, in the case of Deliverable Securities, offer quotations or, in the case of Receivable Securities, bid quotations in respect of securities of the relevant description from two or more market makers or regular dealers in the Appropriate Market in a commercially reasonable size (as determined by the Non-Defaulting Party) the Non-Defaulting Party may elect to treat as the Default Market Value of the relevant Equivalent Securities or Equivalent Collateral:
- (i) the price quoted (or where more than one price is so quoted, the arithmetic mean of the prices so quoted) by each of them for, in the case of Deliverable Securities, the sale by the relevant market marker or dealer of such securities or, in the case of Receivable Securities, the purchase by the relevant market maker or dealer of such securities, provided that such price or prices quoted may be adjusted in a commercially reasonable manner by the Non-Defaulting Party to reflect accrued but unpaid coupons not reflected in the price or prices quoted in respect of such Securities;

- (ii) after deducting, in the case of Receivable Securities or adding in the case of Deliverable Securities the Transaction Costs which would be incurred or reasonably anticipated in connection with such transaction.
- 11.5 If, acting in good faith, either (A) the Non-Defaulting Party has endeavoured but been unable to sell or purchase securities in accordance with paragraph 11.4(a) above or to obtain quotations in accordance with paragraph 11.4(b) above (or both) or (B) the Non-Defaulting Party has determined that it would not be commercially reasonable to sell or purchase securities at the prices bid or offered or to obtain such quotations, or that it would not be commercially reasonable to use any quotations which it has obtained under paragraph 11.4(b) above the Non-Defaulting Party may determine the Net Value of the relevant Equivalent Securities or Equivalent Collateral (which shall be specified) and the Non-Defaulting Party may elect to treat such Net Value as the Default Market Value of the relevant Equivalent Securities or Equivalent Collateral.
- 11.6 To the extent that the Non-Defaulting Party has not determined the Default Market Value in accordance with paragraph 11.4, the Default Market Value of the relevant Equivalent Securities or Equivalent Collateral shall be an amount equal to their Net Value at the Default Valuation Time; provided that, if at the Default Valuation Time the Non-Defaulting Party reasonably determines that, owing to circumstances affecting the market in the Equivalent Securities or Equivalent Collateral in question, it is not reasonably practicable for the Non-Defaulting Party to determine a Net Value of such Equivalent Securities or Equivalent Collateral which is commercially reasonable (by reason of lack of tradable prices or otherwise), the Default Market Value of such Equivalent Securities or Equivalent Collateral shall be an amount equal to their Net Value as determined by the Non-Defaulting Party as soon as reasonably practicable after the Default Valuation Time.

Other costs, expenses and interest payable in consequence of an Event of Default

- 11.7 The Defaulting Party shall be liable to the Non-Defaulting Party for the amount of all reasonable legal and other professional expenses incurred by the Non-Defaulting Party in connection with or as a consequence of an Event of Default, together with interest thereon at such rate as is agreed by the Parties and specified in paragraph 10 of the Schedule or, failing such agreement, the overnight London Inter Bank Offered Rate as quoted on a reputable financial information service (*LIBOR*) as at 11.00 a.m., London time, on the date on which it is to be determined or, in the case of an expense attributable to a particular transaction and, where the Parties have previously agreed a rate of interest for the transaction, that rate of interest if it is greater than LIBOR. Interest will accrue daily on a compound basis.

Set-off

- 11.8 Any amount payable to one Party (the *Payee*) by the other Party (the *Payer*) under paragraph 11.2(b) may, at the option of the Non-Defaulting Party, be reduced by its set-off against any amount payable (whether at such time or in the future or upon the occurrence of a contingency) by the Payee to the Payer (irrespective of the currency, place of payment or booking office of the obligation) under any other agreement between the Payee and the Payer or instrument or undertaking issued or executed by one Party to, or in favour of, the other Party. If an obligation is unascertained, the Non-Defaulting Party may in good faith estimate that obligation and set off in respect of the estimate, subject to accounting to the other Party when the obligation is ascertained. Nothing in this paragraph shall be effective to create a charge or other security interest. This paragraph shall be without prejudice and in addition to

any right of set-off, combination of accounts, lien or other right to which any Party is at any time otherwise entitled (whether by operation of law, contract or otherwise).

12. TAXES

Withholding, gross-up and provision of information

- 12.1 All payments under this Agreement shall be made without any deduction or withholding for or on account of any Tax unless such deduction or withholding is required by any Applicable Law.
- 12.2 Except as otherwise agreed, if the paying Party is so required to deduct or withhold, then that Party (*Payer*) shall:
- (a) promptly notify the other Party (*Recipient*) of such requirement;
 - (b) pay or otherwise account for the full amount required to be deducted or withheld to the relevant authority;
 - (c) upon written demand of Recipient, forward to Recipient documentation reasonably acceptable to Recipient, evidencing such payment to such authorities; and
 - (d) other than in respect of any payment made by Lender to Borrower under paragraph 6.3, pay to Recipient, in addition to the payment to which Recipient is otherwise entitled under this Agreement, such additional amount as is necessary to ensure that the amount actually received by Recipient (after taking account of such withholding or deduction) will equal the amount Recipient would have received had no such deduction or withholding been required; provided Payer will not be required to pay any additional amount to Recipient under this sub-paragraph (d) to the extent it would not be required to be paid but for the failure by Recipient to comply with or perform any obligation under paragraph 12.3.
- 12.3 Each Party agrees that it will upon written demand of the other Party deliver to such other Party (or to any government or other taxing authority as such other Party directs), any form or document and provide such other cooperation or assistance as may (in either case) reasonably be required in order to allow such other Party to make a payment under this Agreement without any deduction or withholding for or on account of any Tax or with such deduction or withholding at a reduced rate (so long as the completion, execution or submission of such form or document, or the provision of such cooperation or assistance, would not materially prejudice the legal or commercial position of the Party in receipt of such demand). Any such form or document shall be accurate and completed in a manner reasonably satisfactory to such other Party and shall be executed and delivered with any reasonably required certification by such date as is agreed between the Parties or, failing such agreement, as soon as reasonably practicable.

Stamp Tax

- 12.4 Unless otherwise agreed, Borrower hereby undertakes promptly to pay and account for any Stamp Tax chargeable in connection with any transaction effected pursuant to or contemplated by this Agreement (other than any Stamp Tax that would not be chargeable but for Lender's failure to comply with its obligations under this Agreement).
- 12.5 Borrower shall indemnify and keep indemnified Lender against any liability arising as a result of Borrower's failure to comply with its obligations under paragraph 12.4.

Sales Tax

- 12.6 All sums payable by one Party to another under this Agreement are exclusive of any Sales Tax chargeable on any supply to which such sums relate and an amount equal to such Sales Tax shall in each case be paid by the Party making such payment on receipt of an appropriate Sales Tax invoice.

Retrospective changes in law

- 12.7 Unless otherwise agreed, amounts payable by one Party to another under this Agreement shall be determined by reference to Applicable Law as at the date of the relevant payment and no adjustment shall be made to amounts paid under this Agreement as a result of:

- (a) any retrospective change in Applicable Law which is announced or enacted after the date of the relevant payment; or
- (b) any decision of a court of competent jurisdiction which is made after the date of the relevant payment (other than where such decision results from an action taken with respect to this Agreement or amounts paid or payable under this Agreement).

13. LENDER'S WARRANTIES

Each Party hereby warrants and undertakes to the other on a continuing basis to the intent that such warranties shall survive the completion of any transaction contemplated herein that, where acting as a Lender:

- (a) it is duly authorised and empowered to perform its duties and obligations under this Agreement;
- (b) it is not restricted under the terms of its constitution or in any other manner from lending Securities in accordance with this Agreement or from otherwise performing its obligations hereunder;
- (c) it is absolutely entitled to pass full legal and beneficial ownership of all Securities provided by it hereunder to Borrower free from all liens, charges and encumbrances; and
- (d) it is acting as principal in respect of this Agreement, other than in respect of an Agency Loan.

14. BORROWER'S WARRANTIES

Each Party hereby warrants and undertakes to the other on a continuing basis to the intent that such warranties shall survive the completion of any transaction contemplated herein that, where acting as a Borrower:

- (a) it has all necessary licences and approvals, and is duly authorised and empowered, to perform its duties and obligations under this Agreement and will do nothing prejudicial to the continuation of such authorisation, licences or approvals;
- (b) it is not restricted under the terms of its constitution or in any other manner from borrowing Securities in accordance with this Agreement or from otherwise performing its obligations hereunder;

- (c) it is absolutely entitled to pass full legal and beneficial ownership of all Collateral provided by it hereunder to Lender free from all liens, charges and encumbrances;
- (d) it is acting as principal in respect of this Agreement; and
- (e) it is not entering into a Loan for the primary purpose of obtaining or exercising voting rights in respect of the Loaned Securities.

15. INTEREST ON OUTSTANDING PAYMENTS

In the event of either Party failing to remit sums in accordance with this Agreement such Party hereby undertakes to pay to the other Party upon demand interest (before as well as after judgment) on the net balance due and outstanding, for the period commencing on and inclusive of the original due date for payment to (but excluding) the date of actual payment, in the same currency as the principal sum and at the rate referred to in paragraph 11.7. Interest will accrue daily on a compound basis and will be calculated according to the actual number of days elapsed. No interest shall be payable under this paragraph in respect of any day on which one Party endeavours to make a payment to the other Party but the other Party is unable to receive it.

16. TERMINATION OF THIS AGREEMENT

Each Party shall have the right to terminate this Agreement by giving not less than 15 Business Days' notice in writing to the other Party (which notice shall specify the date of termination) subject to an obligation to ensure that all Loans which have been entered into but not discharged at the time such notice is given are duly discharged in accordance with this Agreement.

17. SINGLE AGREEMENT

Each Party acknowledges that, and has entered into this Agreement and will enter into each Loan in consideration of and in reliance upon the fact that, all Loans constitute a single business and contractual relationship and are made in consideration of each other. Accordingly, each Party agrees:

- (a) to perform all of its obligations in respect of each Loan, and that a default in the performance of any such obligations shall constitute a default by it in respect of all Loans, subject always to the other provisions of the Agreement; and
- (b) that payments, deliveries and other transfers made by either of them in respect of any Loan shall be deemed to have been made in consideration of payments, deliveries and other transfers in respect of any other Loan.

18. SEVERANCE

If any provision of this Agreement is declared by any judicial or other competent authority to be void or otherwise unenforceable, that provision shall be severed from the Agreement and the remaining provisions of this Agreement shall remain in full force and effect. The Agreement shall, however, thereafter be amended by the Parties in such reasonable manner so as to achieve as far as possible, without illegality, the intention of the Parties with respect to that severed provision.

19. SPECIFIC PERFORMANCE

Each Party agrees that in relation to legal proceedings it will not seek specific performance of the other Party's obligation to deliver Securities, Equivalent Securities, Collateral or Equivalent Collateral but without prejudice to any other rights it may have.

20. NOTICES

20.1 Any notice or other communication in respect of this Agreement may be given in any manner set forth below to the address or number or in accordance with the electronic messaging system details set out in paragraph 6 of the Schedule and will be deemed effective as indicated:

- (a) if in writing and delivered in person or by courier, on the date it is delivered;
- (b) if sent by facsimile transmission, on the date that transmission is received by a responsible employee of the recipient in legible form (it being agreed that the burden of proving receipt will be on the sender and will not be met by a transmission report generated by the sender's facsimile machine);
- (c) if sent by certified or registered mail (airmail, if overseas) or the equivalent (return receipt requested), on the date that mail is delivered or its delivery is attempted; or
- (d) if sent by electronic messaging system, on the date that electronic message is received,

unless the date of that delivery (or attempted delivery) or the receipt, as applicable, is not a Business Day or that communication is delivered (or attempted) or received, as applicable, after the Close of Business on a Business Day, in which case that communication shall be deemed given and effective on the first following day that is a Business Day.

20.2 Either Party may by notice to the other change the address or facsimile number or electronic messaging system details at which notices or other communications are to be given to it.

21. ASSIGNMENT

21.1 Subject to paragraph 21.2, neither Party may charge, assign or otherwise deal with all or any of its rights or obligations hereunder without the prior consent of the other Party.

21.2 Paragraph 21.1 shall not preclude a party from charging, assigning or otherwise dealing with all or any part of its interest in any sum payable to it under paragraph 11.2(b) or 11.7.

22. NON-WAIVER

No failure or delay by either Party (whether by course of conduct or otherwise) to exercise any right, power or privilege hereunder shall operate as a waiver thereof nor shall any single or partial exercise of any right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege as herein provided.

23. GOVERNING LAW AND JURISDICTION

23.1 This Agreement and any non-contractual obligations arising out of or in connection with this Agreement shall be governed by, and shall be construed in accordance with, English law.

23.2 The courts of England have exclusive jurisdiction to hear and decide any suit, action or proceedings, and to settle any disputes or any non-contractual obligation which may arise out

of or in connection with this Agreement (respectively, *Proceedings* and *Disputes*) and, for these purposes, each Party irrevocably submits to the jurisdiction of the courts of England.

23.3 Each Party irrevocably waives any objection which it might at any time have to the courts of England being nominated as the forum to hear and decide any Proceedings and to settle any Disputes and agrees not to claim that the courts of England are not a convenient or appropriate forum.

23.4 Each Party hereby respectively appoints the person identified in paragraph 7 of the Schedule pertaining to the relevant Party as its agent to receive on its behalf service of process in the courts of England. If such an agent ceases to be an agent of a Party, the relevant Party shall promptly appoint, and notify the other Party of the identity of its new agent in England.

24. TIME

Time shall be of the essence of the Agreement.

25. RECORDING

The Parties agree that each may record all telephone conversations between them.

26. WAIVER OF IMMUNITY

Each Party hereby waives all immunity (whether on the basis of sovereignty or otherwise) from jurisdiction, attachment (both before and after judgement) and execution to which it might otherwise be entitled in any action or proceeding in the courts of England or of any other country or jurisdiction relating in any way to this Agreement and agrees that it will not raise, claim or cause to be pleaded any such immunity at or in respect of any such action or proceeding.

27. MISCELLANEOUS

27.1 This Agreement constitutes the entire agreement and understanding of the Parties with respect to its subject matter and supersedes all oral communication and prior writings with respect thereto.

27.2 The Party (the *Relevant Party*) who has prepared the text of this Agreement for execution (as indicated in paragraph 9 of the Schedule) warrants and undertakes to the other Party that such text conforms exactly to the text of the standard form Global Master Securities Lending Agreement (2010 version) posted by the International Securities Lending Association on its website except as notified by the Relevant Party to the other Party in writing prior to the execution of this Agreement.

27.3 Unless otherwise provided for in this Agreement, no amendment in respect of this Agreement will be effective unless in writing (including a writing evidenced by a facsimile transmission) and executed by each of the Parties or confirmed by an exchange of telexes or electronic messages on an electronic messaging system.

27.4 The Parties agree that where paragraph 11 of the Schedule indicates that this paragraph 27.4 applies, this Agreement shall apply to all loans which are outstanding as at the date of this Agreement and which are subject to the securities lending agreement or agreements specified in paragraph 11 of the Schedule, and such Loans shall be treated as if they had been entered into under this Agreement, and the terms of such loans are amended accordingly with effect from the date of this Agreement.

- 27.5 The Parties agree that where paragraph 12 of the Schedule indicates that this paragraph 27.5 applies, each may use the services of a third party vendor to automate the processing of Loans under this Agreement and that any data relating to such Loans received from the other Party may be disclosed to such third party vendors.
- 27.6 The obligations of the Parties under this Agreement will survive the termination of any Loan.
- 27.7 The warranties contained in paragraphs 13, 14 and 27.2 and in the Agency Annex will survive termination of this Agreement for so long as any obligations of either of the Parties pursuant to this Agreement remain outstanding.
- 27.8 Except as provided in this Agreement, the rights, powers, remedies and privileges provided in this Agreement are cumulative and not exclusive of any rights, powers, remedies and privileges provided by law.
- 27.9 This Agreement (and each amendment in respect of it) may be executed and delivered in counterparts (including by facsimile transmission), each of which will be deemed an original.
- 27.10 A person who is not a party to this Agreement has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce any terms of this Agreement, but this does not affect any right or remedy of a third party which exists or is available apart from that Act.

EXECUTED by the PARTIES

MORGAN STANLEY & CO. INTERNATIONAL PLC

By _____

Title _____

Date _____

TEST PARTY TEST PARTY TEST PARTY

By _____

Title _____

Date _____

SCHEDULE

1. COLLATERAL

1.1 The securities, financial instruments and deposits of currency set out in the table below with a cross marked next to them are acceptable forms of Collateral under this Agreement.

1.2 Unless otherwise agreed between the Parties, the Market Value of the Collateral delivered pursuant to paragraph 5 by Borrower to Lender under the terms and conditions of this Agreement shall on each Business Day represent not less than the Market Value of the Loaned Securities together with the percentage contained in the row of the table below corresponding to the particular form of Collateral, referred to in this Agreement as the *Margin*.

Security/Financial Instrument/ Deposit of Currency	Mark "X" if acceptable form of Collateral	Margin (%)
	<input type="checkbox"/>	%

1.3 Basis of Margin Maintenance: Paragraph 5.4 (aggregation) shall apply

1.4 Paragraph 5.6 (netting of obligations to deliver Collateral and redeliver Equivalent Collateral) shall apply

1.5 For the purposes of Paragraph 5.8, Notification Time means by 12:00 noon, London time.

1.6 Paragraph 6.4 (indemnity for failure to redeliver Equivalent Non-Cash Collateral) shall apply

2. BASE CURRENCY

The Base Currency applicable to this Agreement is USD provided that if that currency ceases to be freely convertible the Base Currency shall be EUR.

3. PLACES OF BUSINESS

London

4. MARKET VALUE

(See definition of Market Value.)

5. EVENTS OF DEFAULT

Automatic Early Termination shall not apply in respect of Party A

Automatic Early Termination shall apply in respect of Party B

6. DESIGNATED OFFICE AND ADDRESS FOR NOTICES

(a) Designated office of Party A:

Address for notices or communications to Party A:

For notices or communications with respect to Paragraphs 10 and 11 only:

Address: Morgan Stanley & Co. International plc
25 Cabot Square
Canary Wharf
London
E14 4QA
Attention: Financing Notices
With a mandatory copy to:
Facsimile: +1 212 507 4622

For notices or communications with respect to all other purposes other than Paragraphs 10 and 11:

Address: Morgan Stanley & Co. International plc
25 Cabot Square
Canary Wharf
London
E14 4QA
Attention: Miscellaneous Notices
Facsimile: +1 212 404 9899

(b) Designated office of Party B:

Address for notices or communications to Party B:

TEST PARTY TEST PARTY TEST PARTY

Address: [PLEASE INSERT DETAILS]

Attention: [PLEASE INSERT DETAILS]

Facsimile No: [PLEASE INSERT DETAILS]

Telephone No: [PLEASE INSERT DETAILS]

7. AGENT FOR SERVICE OF PROCESS

(a) Agent of Party A for Service of Process

N/A

(b) Agent of Party B for Service of Process

Name: [PLEASE INSERT DETAILS]

Address: [PLEASE INSERT DETAILS]

8. AGENCY

- Party A shall not act as agent
- Party B [may/shall not] act as agent

- The Addendum for Pooled Principal Transactions shall not apply to Party A
- The Addendum for Pooled Principal Transactions shall not apply to Party B

9. PARTY PREPARING THIS AGREEMENT

Party A

10. DEFAULT INTEREST

Rate of default interest: Barclays Bank Base Rate

11. AUTOMATION

Paragraph 27.5 shall not apply

12. AMENDMENTS AND SUPPLEMENTAL TERMS

The following provisions shall amend or supplement, as applicable, the terms of the Agreement:

- (a) the definition of “Buy-In” shall be amended by (i) inserting the wording “or the exchange on which such securities are to be delivered” between “such securities” and “is entitled” on the third line thereof; and (ii) inserting the wording “or the relevant exchange rules” between “such arrangement” and “to buy” on the third line thereof;
- (b) the definition of “Equivalent or equivalent to” shall be amended by inserting the wording “on or prior to the date of such notice” between “has” and “paid to” on the twelfth line thereof;
- (c) the definition of “Notification Time” shall be supplemented by the addition of the following wording at the end thereof: “or, in the absence of such specification, 12:00 noon London (U.K.) time”;
- (d) Substitutions of Collateral: for the purposes of paragraph 5.3, sub-paragraph 6.4(d) and any related substitutions of Collateral, Lender shall be deemed to have indicated and agreed to the acceptability of Alternative Collateral for the purposes of any substitution to be effected by Borrower if such Alternative Collateral is included in paragraph 1 of the Schedule to this Agreement or any other Collateral schedule agreed between the Parties from time to time in relation to this Agreement;
- (e) in sub-paragraph 6.4(c), the wording “, the relevant Income Record Date” shall be deleted;
- (f) the following wording shall be added at the end of paragraph 6.4: “Losses covered under this indemnity shall include amounts representing any deficit between the amounts paid by Lender under paragraph 6.3 and the amount of Income that Borrower would have been entitled to receive had such Collateral not been provided to Lender and had been retained by Borrower on the relevant Income Record Date.”
- (g) the following wording shall be added in paragraph 6.7 between “or option” and “give written” in the eighth line thereof: “(and provided any payment required under the definition of “Equivalent” has been made)”;
- (h) it is agreed that, notwithstanding anything to the contrary in paragraph 9.3, where the Transferor has failed to fulfil its redelivery obligations the costs and expenses payable by it to

the Transferee pursuant to paragraph 9.3, shall be limited to overdraft, financing and similar costs and expenses reasonably and properly incurred by the Transferee with respect to the Transferee's failure to meet its obligations under a transaction to sell or deliver securities where such failure is a direct result of the Transferor's failure to deliver. It is further agreed that, where the securities which the Transferor failed to redeliver were part only of the aggregate number of securities required by the Transferee to meet its obligations under any such sale or delivery transaction, the Transferor shall only be required to pay to the Transferee the percentage of any such overdraft, financing and similar costs that relate to the proportion that such securities were of the aggregate number of required securities. The Transferor shall only be required to account to the Transferee for costs and expenses reasonably incurred by the Transferee as a result of a "buy-in" pursuant to paragraph 9.3 where the Transferee has given the Transferor reasonable notice of the likelihood of such "buy-in";

- (i) paragraph 10.1(a) shall be amended by deleting the word "further" in line three thereof and the insertion of the words "or redeliver" in place thereof;
- (j) in sub-paragraph 11.3(f) the wording "(including any mark-up or mark-down or premium paid for guaranteed delivery)" shall be deleted;
- (k) in paragraph 17, sub-paragraph (a) (and consequently the "(b)" at the beginning of the following sub-paragraph) shall be deleted;
- (l) FATCA related provisions.

(i) The following definition is added to paragraph 2.1 between the definition of "Equivalent or equivalent to" and "Income":

"*FATCA* means Sections 1471 through 1474 of the U.S. Internal Revenue Code of 1986, as amended (the "Code"), as of the date of this Agreement (or any amended or successor version that is substantively comparable thereto) and any current or future regulations or official interpretations thereof, any agreement entered into pursuant to Section 1471(b) of the Code, and any fiscal or regulatory rules or practices adopted pursuant to any intergovernmental agreement entered into in connection with the implementation of such Sections."

(ii) The following sub-paragraph is added to the end of paragraph 6.3:

"(c) is compliant with FATCA, unless neither Lender nor Borrower are actually compliant with FATCA."

(iii) The following wording shall be added to the end of sub-paragraph 12.2(d):

"or, the Tax is a U.S federal withholding Tax imposed or collected under FATCA"

- (m) Non-ERISA representation: Party B continuously represents that it is not

(i) an employee benefit plan (hereinafter an "ERISA Plan"), as defined in Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), subject to Title I of ERISA or a plan subject to Section 4975 of the Internal Revenue Code of 1986, as amended, or subject to any other statute, regulation, procedure or restriction that is materially similar to Section 406 of ERISA or Section 4975 of the Code (together with ERISA Plans, "Plans"),

(ii) a person any of the assets of whom constitute assets of a Plan, or

(iii) in connection with any Transaction under this Agreement, a person acting on behalf of a Plan, or using the assets of a Plan.

Party B will provide notice to the other party in the event that it is aware that it is in breach of any aspect of this representation or is aware that with the passing of time, giving of notice or expiry of any applicable grace period it will breach this representation.”

- (n) South African Securities: Each Party undertakes that, where it is acting as Borrower and borrows South African Securities under the terms of this Agreement, it will (a) use best endeavours to effect delivery of those South African Securities within a period of ten (10) business days from the date of settlement of the delivery of those South African Securities from the Lender to it, and (b) redeliver Equivalent Securities to the Lender within a period of twelve (12) months from the date of settlement of the transfer of those South African Securities from the Lender to it. Where a Party fails to comply with the aforementioned obligations, and as a direct result the Lender becomes liable to pay stamp duty, securities transfer tax or similar transfer taxes in relation to the loan or redelivery or the relevant South African Securities to or from that Party as Borrower, that Party will promptly reimburse the Lender in relation to such taxes and for any associated penalties and interest. However, that Party will not be liable to the Lender for such taxes in the event that it has made the relevant South African Securities available for redelivery to the Lender but has been unable to effect such redelivery due to the wilful acts or omissions or the negligence of the Lender. For the purpose of the foregoing, “South African Securities” means listed securities as contemplated under the South African Securities Transfer Tax Act 2007, or any equivalent under replacement or equivalent legislation. The provisions of this paragraph shall be without prejudice to the provisions of paragraph 10.1 of the Agreement, and shall not be deemed to supplement or amend paragraph 10.1.
- (o) Irish Securities: Each Party undertakes that, where it is acting as Borrower and borrows Irish Securities under the terms of this Agreement, or where it is acting as Lender and accepts Irish Securities as Non-Cash Collateral under the terms of this Agreement, it will use best endeavours to redeliver Equivalent Securities to the other Party within a period of twelve (12) months from the date of settlement of the transfer of those Irish Securities from the other Party to it. Where a Party fails to comply with the aforementioned obligations, and as a direct result the other Party becomes liable to pay stamp duty, securities transfer tax or similar transfer taxes in relation to the loan or redelivery or the relevant Irish Securities to or from that Party, that Party will promptly reimburse the other Party in relation to such taxes and for any associated penalties and interest. However, that Party will not be liable to the other Party for such taxes in the event that it has made the relevant Irish Securities available for redelivery to the other Party but has been unable to effect such redelivery due to the wilful acts or omissions or the negligence of the other Party. For the purpose of the foregoing, “Irish Securities” means stock or marketable securities, “Non-Cash Collateral” means Collateral Stock and “Equivalent Securities” means Equivalent Stock, each as contemplated under the Irish Stamp Duties Consolidation Act 1999 (and the definition of “Equivalent Securities” in the Agreement shall be deemed so amended in relation to Irish Securities). The provisions of this paragraph shall be without prejudice to the provisions of paragraph 10.1 of the Agreement, and shall not be deemed to supplement or amend paragraph 10.1.

AGENCY ANNEX

1. TRANSACTIONS ENTERED INTO AS AGENT

1.1 Power for Lender to enter into Loans as agent

Subject to the following provisions of this paragraph, Lender may enter into Loans as agent (in such capacity, the *Agent*) for a third person (a *Principal*), whether as custodian or investment manager or otherwise (a Loan so entered into being referred to in this paragraph as an *Agency Loan*).

If the Lender has indicated in paragraph 8 of the Schedule that it may act as Agent, it must identify each Loan in respect of which it acts as Agent as an Agency Loan at the time it is entered into. If the Lender has indicated in paragraph 8 of the Schedule that it will always act as Agent, it need not identify each Loan as an Agency Loan.

1.2 Conditions for Agency Loan

A Lender may enter into an Agency Loan if, but only if:

- (a) it provides to Borrower, prior to effecting any Agency Loan, such information in its possession necessary to complete all required fields in the format generally used in the industry, or as otherwise agreed by Agent and Borrower (*Agreed Format*), and will use its best efforts to provide to Borrower any optional information that may be requested by the Borrower for the purpose of identifying such Principal (all such information being the *Principal Information*). Agent represents and warrants that the Principal Information is true and accurate to the best of its knowledge and has been provided to it by Principal;
- (b) it enters into that Loan on behalf of a single Principal whose identity is disclosed to Borrower (whether by name or by reference to a code or identifier which the Parties have agreed will be used to refer to a specified Principal) either at the time when it enters into the Loan or before the Close of Business on the next Business Day after the date on which Loaned Securities are transferred to the Borrower in the Agreed Format or as otherwise agreed between the Parties; and;
- (c) it has at the time when the Loan is entered into actual authority to enter into the Loan and to perform on behalf of that Principal all of that Principal's obligations under the agreement referred to in paragraph 1.5(b) below.

Agent agrees that it will not effect any Loan with Borrower on behalf of any Principal unless Borrower has notified Agent of Borrower's approval of such Principal, and has not notified Agent that it has withdrawn such approval (such Principal, an *Approved Principal*), with both such notifications in the Agreed Format.

Borrower acknowledges that Agent shall not have any obligation to provide it with confidential information regarding the financial status of its Principals; Agent agrees, however, that it will assist Borrower in obtaining from Agent's Principals such information regarding the financial status of such Principals as Borrower may reasonably request.

1.3 **Notification by Agent of certain events affecting any Principal**

Agent undertakes that, if it enters as agent into an Agency Loan, forthwith upon becoming aware:

- (a) of any event which constitutes an Act of Insolvency with respect to the relevant Principal; or
- (b) of any breach of any of the warranties given in paragraph 1.6 below or of any event or circumstance which results in any such warranty being untrue if repeated by reference to the then current facts,

it will inform Borrower of that fact and will, if so required by Borrower, furnish it with such additional information as it may reasonably request to the extent that such information is readily obtainable by Agent.

1.4 **Status of Agency Loan**

- (a) Each Agency Loan shall be a transaction between the relevant Principal and Borrower and no person other than the relevant Principal and Borrower shall be a party to or have any rights or obligations under an Agency Loan. Without limiting the foregoing, Agent shall not be liable as principal for the performance of an Agency Loan, but this is without prejudice to any liability of Agent under any other provision of this Annex; and

- (b) all the provisions of the Agreement shall apply separately as between Borrower and each Principal for whom the Agent has entered into an Agency Loan or Agency Loans as if each such Principal were a party to a separate agreement with Borrower in all respects identical with this Agreement other than this Annex and as if the Principal were Lender in respect of that agreement; provided that

- (i) if there occurs in relation to the Agent an Event of Default or an event which would constitute an Event of Default if Borrower served written notice under any sub-clause of paragraph 10 of the Agreement, Borrower shall be entitled by giving written notice to the Principal (which notice shall be validly given if given in accordance with paragraph 20 of the Agreement) to declare that by reason of that event an Event of Default is to be treated as occurring in relation to the Principal. If Borrower gives such a notice then an Event of Default shall be treated as occurring in relation to the Principal at the time when the notice is deemed to be given; and

- (ii) if the Principal is neither incorporated in nor has established a place of business in Great Britain, the Principal shall for the purposes of the agreement referred to in paragraph 1.5(b) above be deemed to have appointed as its agent to receive on its behalf service of process in the courts of England the Agent, or if the Agent is neither incorporated nor has established a place of business in Great Britain, the person appointed by the Agent for the purposes of this Agreement, or such other person as the Principal may from time to time specify in a written notice given to the other Party.

If Lender has indicated in paragraph 6 of the Schedule that it may enter into Loans as agent, the foregoing provisions of this paragraph do not affect the operation of the Agreement as between Borrower and Lender in respect of any Loans into which Lender may enter on its own account as principal.

1.5 **Warranty of authority by Lender acting as Agent**

Agent warrants to Borrower that it will, on every occasion on which it enters or purports to enter into a Loan as an Agency Loan, have been duly authorised to enter into that Loan and perform the obligations arising under such Loan on behalf of the Principal in respect of that Loan and to perform on behalf of the Principal all the obligations of that person under the agreement referred to in paragraph 1.5(b) above.

2014 UK TAX ADDENDUM

We hereby agree that the attached Global Master Securities Lending Agreement (the *Agreement*) shall be subject to the following and supplemental terms:-

1. DISAPPLICATION OF PREVIOUS ADDENDUM

1.1 Any previous UK tax addendum or equivalent or similar provision (the *Previous Addendum*) shall no longer apply insofar as it relates to the UK income tax treatment of any payment.

1.2 For the avoidance of doubt, any undertaking made in the Agreement or the Previous Addendum pursuant to which a Party undertakes to notify the other Party about its status as an approved UK intermediary or an approved UK collecting agent shall no longer apply.

2. APPLICATION OF THIS ADDENDUM

The remaining provisions of this Addendum shall apply in relation to any payment made by Borrower under paragraph 6.2 or by Lender under paragraph 6.3 where:

- (a) Borrower, in relation to any payment made under paragraph 6.2, or Lender, in relation to any payment made under paragraph 6.3, is either UK resident (except where the payment is an Exempt Branch Payment) or makes such payment in the course of a trade carried on in the UK through a branch or agency; and
- (b) the Loaned Securities or Non-Cash Collateral (as the case may be) are REIT Shares, Net Paying UK Securities or PAIF Shares.

3. DISAPPLICATION OF GROSS-UP

3.1 Except as otherwise agreed, Borrower shall not be obliged to pay an additional amount under paragraph 12.2(d) in respect of any payment made under paragraph 6.2.

3.2 When determining whether any deduction or withholding is required under paragraph 12.1, Borrower, in relation to any payment made under paragraph 6.2, and Lender, in relation to any payment made under paragraph 6.3 shall (in each case acting reasonably) take account of:

- (a) any warranties made by the other Party under this Addendum; and
- (b) any relevant documentation, warranty, certification or notice provided by the other Party.

4. APPLICATION OF WARRANTIES

Each Parties shall specify in the Schedule to this Addendum which (if any) of paragraphs 5 to 7 below shall apply in relation to it and where or to the extent that no such specification is made it shall be assumed that such paragraphs do not apply in relation to Borrower and/or Lender, as the case may be.

5. MANUFACTURED PAYMENTS: NET PAYING UK SECURITIES

Lender, in relation to any Loan of Net Paying UK Securities, and Borrower, in relation to any Non-Cash Collateral in the form of any Net Paying UK Securities provided, warrants to the other Party on a continuing basis that, unless otherwise notified:

- (a) the person beneficially entitled to any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such Net Paying UK Securities is either:

- (i) a UK resident company; or
 - (ii) a non-UK resident company carrying on a trade in the UK through a permanent establishment which is required to bring any such payment made to it into account in computing its chargeable profits for UK corporation tax purposes; or
- (b) the person beneficially entitled to any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such Net Paying UK Securities is a partnership each member of which is company mentioned in (a)(i) or (ii) above; or
 - (c) the recipient of any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such Net Paying UK Securities is either:
 - (i) an ISA Manager or a PEP Manager, or the nominee of such a person, who receives such payment in respect of investments under the plan; or
 - (ii) a scheme administrator of a Registered Pension Scheme.

6. MANUFACTURED PAYMENTS: REIT SHARES

Lender, in relation to any Loan of any REIT Shares, and Borrower, in relation to any Non-Cash Collateral in the form of any REIT Shares, warrants to the other Party on a continuing basis that, unless otherwise notified:

- (a) the person beneficially entitled to any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such shares, and is either:
 - (i) a UK resident company; or
 - (ii) a non-UK resident company carrying on a trade in the UK through a permanent establishment which is required to bring any such payment made to it into account in computing its chargeable profits for UK corporation tax purposes; or
- (b) the recipient of any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such shares is a partnership each member of which is a company mentioned in (a)(i) or (ii) above; or
- (c) the recipient of any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such shares is either a scheme administrator of a Registered Pension Scheme or an ISA Manager or a PEP Manager and (in each case) any such payment is applied for the purposes of the scheme, account or plan in respect of which the recipient has duties.

7. MANUFACTURED PAYMENTS: PAIF SHARES

Lender, in relation to any Loan of any PAIF Shares, and Borrower, in relation to any Non-Cash Collateral in the form of any PAIF Shares, warrants to the other Party on a continuing basis that, unless otherwise notified, the warranties in paragraphs 5 and 6 of this Addendum shall apply in relation to any payment made under, as the case may be, paragraph 6.2 or 6.3 in respect of such shares as if such paragraphs referred to PAIF Shares.

8. INTERPRETATION

8.1 In this Addendum the following definitions shall apply:

Exempt Branch Payment means a payment where both (i) section 18A of the Corporation Tax Act 2009 has effect in relation to the payer for the accounting period in which the payment is made and (ii) the payment is made in the course of a trade carried on through a permanent establishment in a territory outside the UK;

ISA Manager means the account manager of an account within the meaning of regulation 4(1) of the Individual Savings Account Regulations 1998;

Net Paying UK Securities means securities (including any loan stock or any similar security, but excluding any shares) of the UK government or a local authority (or other public authority) in the UK or a UK resident company or other UK resident body, where such securities are neither gilt-edged securities nor other securities on which interest is payable without deduction of UK income tax;

PAIF Shares means shares in an open-ended investment company to which Part 4A of the Authorised Investment Funds (Tax) Regulations 2006 applies;

PEP Manager means the plan manager of a plan within the meaning of regulation 4(1) of the Personal Equity Plan Regulations 1989;

Previous Addendum has the meaning given to it in paragraph 1.1 of this Addendum;

REIT Shares means shares in either a company UK REIT or the principal company of a group UK REIT (each as defined in Part 12 of the Corporation Tax Act 2010); and;

Registered Pension Scheme means a registered pension scheme for the purposes of Part 4 of the Finance Act 2004; and

8.2 Terms to which a defined meaning is given in the Agreement have the same meanings in this Addendum.

8.3 Unless otherwise specified, references to paragraphs in this Addendum are to paragraphs in the Agreement.

8.4 Any reference to a provision of law includes references to that provision as amended, consolidated or re-enacted.

SCHEDULE

1. MORGAN STANLEY & CO. INTERNATIONAL PLC WARRANTIES

- (a) paragraph 5 of this Addendum shall apply;
- (b) paragraph 6 of this Addendum shall apply; and
- (c) paragraph 7 of this Addendum shall apply.

2. TEST PARTY TEST PARTY TEST PARTY WARRANTIES

- (a) paragraph 5 of this Addendum [shall/shall not]* apply;
- (b) paragraph 6 of this Addendum [shall/shall not]* apply; and
- (c) paragraph 7 of this Addendum [shall/shall not]* apply.

** delete as appropriate*

EXECUTED by the **PARTIES**

MORGAN STANLEY & CO. INTERNATIONAL PLC

By _____

Title _____

Date _____

TEST PARTY TEST PARTY TEST PARTY

By _____

Title _____

Date _____

Annexure E

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THIS AGREEMENT is made the day of , 200[]

BETWEEN:-

- (1) Morgan Stanley & Co. International plc., a company incorporated under the laws of England and Wales whose registered office is at 25 Cabot Square, Canary Wharf, London E14 4QA; and
- (2) _____ a company incorporated under the laws of _____ whose registered office is at _____.

WHEREAS:-

1. From time to time the Parties hereto may enter into transactions in which one Party (the "**Lender**") agrees to lend to the other (the "**Borrower**") from time to time Securities (as hereinafter defined), subject to any Inland Revenue provisions then in force.
2. All transactions carried out under this Agreement will be effected in accordance with the Rules (as hereinafter defined) **TOGETHER WITH** current market practices, customs and conventions.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED AS FOLLOWS:-

1. INTERPRETATION

(A) In this Agreement:-

"Act of Insolvency"

means in relation to either Party

- (i) its making a general assignment for the benefit of, or entering into a reorganisation, arrangement, or composition with creditors, or
- (ii) its admitting in writing that it is unable to pay its debts as they become due, or
- (iii) its seeking, consenting to or acquiescing in the appointment of any trustee, administrator, receiver or liquidator or analogous officer of it or any material part of its property, or;
- (iv) the presentation or filing of a petition in respect of it (other than by the other Party to this Agreement in respect of any obligation under this Agreement) in any court or before any agency alleging or for the bankruptcy, winding-up or insolvency of such Party (or any analogous proceeding) or seeking any reorganisation, arrangement, composition, re-adjustment, administration, liquidation, dissolution or similar relief under any present or future statute, law or regulation, such petition (except in the case of a petition for winding-up or any analogous proceeding in

respect of which no such 30 day period shall apply) not having been stayed or dismissed within 30 days of its filing;

- (v) the appointment of a receiver, administrator, liquidator or trustee or analogous officer of such Party over all or any material part of such Party's property; or
- (vi) the convening of any meeting of its creditors for the purpose of considering a voluntary arrangement as referred to in Section 3 of the Insolvency Act 1986 (or any analogous proceeding);

"Agent" shall have the same meaning given in Clause 14;

"Alternative Collateral" means Collateral of a Value equal to the Collateral delivered pursuant to Clause 6 and provided by way of substitution for Collateral originally delivered or previously substituted in accordance with the provisions of Clauses 6(F) or 6(G);

"Appropriate Tax Vouchers" means:-

- (i) either such tax vouchers and/or certificates as shall enable the recipient to claim and receive from any relevant tax authority, in respect of interest, dividends, distributions and/or other amounts (including for the avoidance of doubt any manufactured payment) relating to particular Securities, all and any repayment of tax or benefit of tax credit to which the Lender would have been entitled but for the loan of Securities in accordance with this Agreement and/or to which the Lender is entitled in respect of tax withheld and accounted for in respect of any manufactured payment; or such tax vouchers and/or certificates as are provided by the Borrower which evidence an amount of overseas tax deducted which shall enable the recipient to claim and receive from any relevant tax authority all and any repayment of tax from the UK Inland Revenue or benefits of tax credit in the jurisdiction of the recipient's residence; and
- (ii) such vouchers and/or certificates in respect of interest, dividends, distributions and/or other amounts relating to particular Collateral;

"Approved UK Collecting Agent" means a person who is approved as such for the purposes of the Rules of the UK Inland Revenue

	relating to stocklending and manufactured overseas dividends;
"Approved Intermediary"	means a person who is approved as such for the purposes of the Rules of the UK Inland Revenue relating to stocklending and manufactured overseas dividends;
"Assured Payment"	means a payment obligation of a Settlement Bank arising (under the Assured Payment Agreement) as a result of a transfer of stock or other securities to a CGO stock account of a member of the CGO for whom that Settlement Bank is acting;
"Assured Payment Agreement"	means an agreement dated 24 October 1986 between the Bank of England and all the other banks which are for the time being acting as Settlement Banks in relation to the CGO regulating the obligations of such banks to make payments in respect of transfers of securities through the CGO as supplemented and amended from time to time;
"Base Currency"	has the meaning given in the Schedule hereto;
"Bid Price"	in relation to Equivalent Securities or Equivalent Collateral means the best available bid price thereof on the most appropriate market in a standard size;
"Bid Value"	Subject to Clause 8(E) means:- <ul style="list-style-type: none"> (a) in relation to Equivalent Collateral at a particular time:- <ul style="list-style-type: none"> (i) in relation to Collateral Types B(x) and C (more specifically referred to in the Schedule) the Value thereof as calculated in accordance with such Schedule; (ii) in relation to all other types of Collateral (more specifically referred to in the Schedule) the amount which would be received on a sale of such Collateral at the Bid Price thereof at such time less all costs, fees and expenses that would be incurred in connection with selling or otherwise realising such Equivalent Collateral, calculated on the assumption that the aggregate thereof is the least that could reasonably be expected to be paid in order to carry out such sale or realisation and adding thereto the amount of any interest, dividends, distributions or other amounts paid to

the Lender and in respect of which equivalent amounts have not been paid to the Borrower in accordance with Clause 6(G) prior to such time in respect of such Equivalent Collateral or the original Collateral held gross of all and any tax deducted or paid in respect thereof;

and

- (b) in relation to Equivalent Securities at a particular time the amount which would be received on a sale of such Equivalent Securities at the Bid Price thereof at such time less all costs, fees and expenses that would be incurred in connection therewith, calculated on the assumption that the aggregate thereof is the least that could reasonably be expected to be paid in order to carry out the transaction;

"Borrower"

with respect to a particular loan of Securities means the Borrower as referred to in Recital 1 of this Agreement;

"Borrowing Request"

means a request made (by telephone or otherwise) by the Borrower to the Lender pursuant to Clause 2(A) specifying the description, title and amount of the Securities required by the Borrower, the proposed Settlement Date and duration of such loan and the date, time, mode and place of delivery which shall, where relevant, include the bank agent clearing or settlement system and account to which delivery of the Securities is to be made;

"Business Day"

means a day on which banks and securities markets are open for business generally in London and, in relation to the delivery or redelivery of any of the following in relation to any loan, in the place(s) where the relevant Securities, Equivalent Securities, Collateral (including Cash Collateral) or Equivalent Collateral are to be delivered;

"Cash Collateral"

means Collateral that takes the form of a deposit of currency;

"Central Gilts Office"
or **"CGO"**

means the computer based system managed by the Bank of England to facilitate the book-entry transfer of gilt-edged securities;

"CGO Collateral"

shall have the meaning specified in paragraph A of the Schedule;

"CGO Rules"	means the requirements of the CGO for the time being in force as defined in the membership agreement regulating membership of the CGO;
"Close of Business"	means the time at which banks close in the business centre in which payment is to be made or Collateral is to be delivered;
"Collateral"	means such securities or financial instruments or deposits of currency as are referred to in the Schedule hereto or any combination thereof which are delivered by the Borrower to the Lender in accordance with this Agreement and shall include the certificates and other documents of or evidencing title and transfer in respect of the foregoing (as appropriate), and shall include Alternative Collateral;
"Defaulting Party"	shall have the meaning given in Clause 12;
"Equivalent Collateral" or "Collateral Equivalent to"	<p>in relation to any Collateral provided under this Agreement means securities, cash or other property, as the case may be, of an identical type, nominal value, description and amount to particular Collateral so provided and shall include the certificates and other documents of or evidencing title and transfer in respect of the foregoing (as appropriate). If and to the extent that such Collateral consists of securities that are partly paid or have been converted, subdivided, consolidated, redeemed, made the subject of a takeover, capitalisation issue, rights issue or event similar to any of the foregoing, the expression shall have the following meaning:</p> <ul style="list-style-type: none"> (a) in the case of conversion, subdivision or consolidation the securities into which the relevant Collateral has been converted, subdivided or consolidated PROVIDED THAT, if appropriate, notice has been given in accordance with Clause 4(B)(vii); (b) in the case of redemption, a sum of money equivalent to the proceeds of the redemption; (c) in the case of a takeover, a sum of money or securities, being the consideration or alternative consideration of which the Borrower has given notice to the Lender in accordance with Clause 4(B)(vii); (d) in the case of a call on partly paid securities, the paid-up securities PROVIDED THAT the Borrower shall have paid to the Lender an amount of money equal to the sum due in respect of the call;

- (e) in the case of a capitalisation issue, the relevant Collateral **TOGETHER WITH** the securities allotted by way of a bonus thereon;
- (f) in the case of a rights issue, the relevant Collateral **TOGETHER WITH** the securities allotted thereon, **PROVIDED THAT** the Borrower has given notice to the Lender in accordance with Clause 4(B)(vii), and has paid to the Lender all and any sums due in respect thereof;
- (g) in the event that a payment or delivery of Income is made in respect of the relevant Collateral in the form of securities or a certificate which may at a future date be exchanged for securities or in the event of an option to take Income in the form of securities or a certificate which may at a future date be exchanged for securities, notice has been given to the Borrower in accordance with Clause 4(B)(vii) the relevant Collateral **TOGETHER WITH** securities or a certificate equivalent to those allotted;
- (h) in the case of any event similar to any of the foregoing, the relevant Collateral **TOGETHER WITH** or replaced by a sum of money or securities equivalent to that received in respect of such Collateral resulting from such event;

For the avoidance of doubt, in the case of Bankers' Acceptances (Collateral type B(v)), Equivalent Collateral must bear dates, acceptances and endorsements (if any) by the same entities as the bill to which it is intended to be equivalent and for the purposes of this definition, securities are equivalent to other securities where they are of an identical type, nominal value, description and amount and such term shall include the certificate and other documents of or evidencing title and transfer in respect of the foregoing (as appropriate);

"Equivalent Securities"

means securities of an identical type, nominal value, description and amount to particular Securities borrowed and such term shall include the certificates and other documents of or evidencing title and transfer in respect of the foregoing (as appropriate). If and to the extent that such Securities are partly paid or have been converted, subdivided, consolidated, redeemed, made the subject of a takeover, capitalisation issue, rights issue or event similar to any

of the foregoing, the expression shall have the following meaning:

- (a) in the case of conversion, subdivision or consolidation the securities into which the borrowed Securities have been converted, subdivided or consolidated **PROVIDED THAT** if appropriate, notice has been given in accordance with Clause 4(B)(vii);
- (b) in the case of redemption, a sum of money equivalent to the proceeds of the redemption;
- (c) in the case of takeover, a sum of money or securities, being the consideration or alternative consideration of which the Lender has given notice to the Borrower in accordance with Clause 4(B)(vii);
- (d) in the case of a call on partly paid securities, the paid-up securities **PROVIDED THAT** the Lender shall have paid to the Borrower an amount of money equal to the sum due in respect of the call;
- (e) in the case of a capitalisation issue, the borrowed Securities **TOGETHER WITH** the securities allotted by way of a bonus thereon;
- (f) in the case of a rights issue, the borrowed Securities **TOGETHER WITH** the securities allotted thereon, **PROVIDED THAT** the Lender has given notice to the Borrower in accordance with Clause 4(B)(vii), and has paid to the Borrower all and any sums due in respect thereof;
- (g) in the event that a payment or delivery of Income is made in respect of the borrowed Securities in the form of securities or a certificate which may at a future date be exchanged for securities or in the event of an option to take Income in the form of securities or a certificate which may at a future date be exchanged for securities, notice has been given to the Borrower in accordance with Clause 4(B)(vii) the borrowed Securities **TOGETHER WITH** securities or a certificate equivalent to those allotted;
- (h) in the case of any event similar to any of the foregoing, the borrowed Securities **TOGETHER WITH** or replaced by a sum of money or securities equivalent to that

received in respect of such borrowed Securities resulting from such event;

For the purposes of this definition, securities are equivalent to other securities where they are of an identical type, nominal value, description and amount and such term shall include the certificate and other documents of or evidencing title and transfer in respect of the foregoing (as appropriate);

"Event of Default"	has the meaning given in Clause 12;
"Income"	any interest, dividends or other distributions of any kind whatsoever with respect to any Securities or Collateral;
"Income Payment Date"	with respect to any Securities or Collateral means the date on which Income is paid in respect of such Securities or Collateral, or, in the case of registered Securities or Collateral, the date by reference to which particular registered holders are identified as being entitled to payment of Income;
"Lender"	with respect to a particular loan of Securities means the Lender as referred to in Recital 1 of this Agreement;
"Manufactured Dividend"	shall have the meaning given in Clause 4(B)(ii);
"Margin"	shall have the meaning specified in the Schedule hereto;
"Nominee"	means an agent or a nominee appointed by either Party and approved (if appropriate) as such by the Inland Revenue to accept delivery of, hold or deliver Securities, Equivalent Securities, Collateral and/or Equivalent Collateral on its behalf whose appointment has been notified to the other Party;
"Non-Defaulting Party"	shall have the meaning given in Clause 12;
"Offer Price"	in relation to Equivalent Securities or Equivalent Collateral means the best available offer price thereof on the most appropriate market in a standard size;
"Offer Value"	Subject to Clause 8(E) means:- (a) in relation to Collateral equivalent to Collateral types B (ix) and C (more specifically referred to in the Schedule hereto) the Value thereof as calculated in accordance with such Schedule; and

- (b) in relation to Equivalent Securities or Collateral equivalent to all other types of Collateral (more specifically referred to in the Schedule hereto) the amount it would cost to buy such Equivalent Securities or Equivalent Collateral at the Offer Price thereof at such time together with all costs, fees and expenses that would be incurred in connection therewith, calculated on the assumption that the aggregate thereof is the least that could reasonably be expected to be paid in order to carry out the transaction;

"Parties" means the Lender and the Borrower and "Party" shall be construed accordingly;

"Performance Date" shall have the meaning given in Clause 8;

"Principal" shall have the meaning given in Clause 14;

"Reference Price" means:

- (a) in relation to the valuation of Securities, Equivalent Securities, Collateral and/or Collateral equivalent to types B (ii), (viii), (xi) and (xii) (more specifically referred to in the Schedule hereto) such price as is equal to the mid market quotation of such Securities, Equivalent Securities, Collateral and/or Equivalent Collateral as derived from a reputable pricing information service (such as the services provided by Reuters, Extel Statistical Services and Telerate) reasonably chosen in good faith by the Lender or if unavailable the market value thereof as derived from the prices or rates bid by a reputable dealer for the relevant instrument reasonably chosen in good faith by the Lender, in each case at Close of Business on the previous Business Day;
- (b) in relation to the valuation of Collateral and/or Collateral equivalent to Collateral types A and B(i) (more specifically referred to in the Schedule hereto), the CGO Reference Price of such Securities, Equivalent Securities, Collateral and/or Equivalent Collateral then current as determined in accordance with the CGO Rules from time to time in force.
- (c) in relation to the valuation of Collateral and/or Collateral equivalent to Collateral types B(iii), (iv), (v), (vi) (vii) and (ix), (more specifically referred to in the Schedule

hereto), the market value thereof as derived from the rates bid by Barclays Bank PLC for such instruments or, in the absence of such a bid, the average of the rates bid by two leading market makers for such instruments at Close of Business on the previous Business Day;

"Relevant Payment Date"	shall have the meaning given in Clause 4(B)(i);
"Rules"	means the rules for the time being of the Stock Exchange (where either Party is a member of the Stock Exchange) and/or any other regulatory authority whose rules and regulations shall from time to time affect the activities of the Parties pursuant to this Agreement including but not limited to the stocklending regulations and guidance notes relating to both stocklending and manufactured interest and dividends for the time being in force of the Commissioners of the Inland Revenue and any associated procedures required pursuant thereto (PROVIDED THAT in an Event of Default, where either Party is a member of the Stock Exchange, the Rules and Regulations of the Stock Exchange shall prevail);
"Securities"	means Overseas Securities as defined in paragraph 1 (i) of Schedule 23A to the Income and Corporation Taxes Act 1988 which the Borrower is entitled to borrow from the Lender in accordance with the Rules and which are the subject of a loan pursuant to this Agreement and such term shall include the certificates and other documents of title in respect of the foregoing;
"Settlement Bank"	means a settlement member of the CHAPS and Town Clearing systems who has entered into contractual arrangements with the CGO to provide Assured Payment facilities for members of the CGO;
"Settlement Date"	means the date upon which Securities are or are to be transferred to the Borrower in accordance with this Agreement;
"Stock Exchange"	means the London Stock Exchange Limited;
"Value"	at any particular time means in respect of Securities and Equivalent Securities, the Reference Price thereof then current and in respect of Collateral and/or Equivalent Collateral such worth as determined in accordance with the Schedule hereto.

(B) All headings appear for convenience only and shall not affect the interpretation hereof.

- (C) Notwithstanding the use of expressions such as "borrow", "lend", "Collateral", "Margin", "redeliver" etc. which are used to reflect terminology used in the market for transactions of the kind provided for in this Agreement, title to Securities "borrowed" or "lent" and "Collateral" provided in accordance with this Agreement shall pass from one Party to another as provided for in this Agreement, the Party obtaining such title being obliged to redeliver Equivalent Securities or Equivalent Collateral as the case may be.
- (D) For the purposes of Clauses 6(H)-6(K) and 8(C)-8(E) of this Agreement or otherwise where a conversion into the Base Currency is required, all prices, sums or values (including any Value, Offer Value and Bid Value) of Securities, Equivalent Securities, Collateral or Equivalent Collateral (including Cash Collateral) stated in currencies other than the Base Currency shall be converted into the Base Currency at the spot rate of exchange at the relevant time in the London interbank market for the purchase of the Base Currency with the currency concerned.
- (E) Where at any time there is in existence any other agreement between the Parties the terms of which make provision for the lending of Securities (as defined in this Agreement) as well as other securities the terms of this Agreement shall apply to the lending of such Securities to the exclusion of any other such agreement.
- (F) Any reference in this Agreement to an act, regulation, or other legislation hereunder shall include a reference to any statutory modification or re-enactment thereof for the time being in force.

2. LOANS OF SECURITIES

- (A) The Lender will lend Securities to the Borrower, and the Borrower will borrow Securities from the Lender in accordance with the terms and conditions of this Agreement and with the Rules **PROVIDED ALWAYS THAT** the Lender shall have received from the Borrower and accepted (by whatever means) a Borrowing Request.
- (B) The Borrower has the right to reduce the amount of Securities referred to in a Borrowing Request **PROVIDED THAT** the Borrower has notified the Lender of such reduction no later than midday London time on the day which is two Business Days prior to the Settlement Date unless otherwise agreed between the Parties and the Lender shall have accepted such reduction (by whatever means).

3. DELIVERY OF SECURITIES

The Lender shall procure the delivery of Securities to the Borrower or deliver such Securities in accordance with the relevant Borrowing Request **TOGETHER WITH** appropriate instruments of transfer duly stamped where necessary and such other instruments as may be requisite to vest title thereto in the Borrower. Such Securities shall be deemed to have been delivered by the Lender to the Borrower on delivery to the Borrower or as it shall direct of the relevant instruments of transfer, or in the case of Securities held by an agent or a clearing or settlement system on the effective instructions to such agent or the operator of such system to hold the Securities absolutely for the Borrower, or by such other means as may be agreed.

4. RIGHTS AND TITLE

- (A) The Parties shall execute and deliver all necessary documents and give all necessary instructions to procure that all right, title and interest in:

- (i) any Securities borrowed pursuant to Clause 2;
- (ii) any Equivalent Securities redelivered pursuant to Clause 7;
- (iii) any Collateral delivered pursuant to Clause 6;
- (iv) any Equivalent Collateral redelivered pursuant to Clauses 6 or 7;

shall pass from one Party to the other subject to the terms and conditions mentioned herein and in accordance with the Rules, on delivery or redelivery of the same in accordance with this Agreement, free from all liens, charges and encumbrances. In the case of Securities, Collateral, Equivalent Securities or Equivalent Collateral title to which is registered in a computer based system which provides for the recording and transfer of title to the same by way of book entries, delivery and transfer of title shall take place in accordance with the rules and procedures of such system as in force from time to time. The Party acquiring such right, title and interest shall have no obligation to return or redeliver any of the assets so acquired but, in so far as any Securities are borrowed or any Collateral is delivered to such Party, such Party shall be obliged, subject to the terms of this Agreement, to redeliver Equivalent Securities or Equivalent Collateral as appropriate.

- (B)
 - (i) Where Income is paid in relation to any Securities on or by reference to an Income Payment Date on which such Securities are the subject of a loan hereunder, the Borrower shall, on the date of the payment of such Income, or on such other date as the Parties may from time to time agree, (the "**Relevant Payment Date**") pay and deliver a sum of money or property equivalent to the same (with any such endorsements or assignments as shall be customary and appropriate to effect the delivery) to the Lender or its Nominee, irrespective of whether the Borrower received the same. The provisions of sub-paragraphs (ii) to (v) below shall apply in relation thereto.
 - (ii) Subject to sub-paragraph (iii) below, in the case of any Income comprising a payment, the amount (the "**Manufactured Dividend**") payable by the Borrower shall be equal to the amount of the relevant Income together with an amount equivalent to any deduction, withholding or payment for or on account of tax made by the relevant issuer (or on its behalf) in respect of such Income together with an amount equal to any other tax credit associated with such Income unless a lesser amount is agreed between the Parties or an Appropriate Tax Voucher (together with any further amount which may be agreed between the Parties to be paid) is provided in lieu of such deduction, withholding tax credit or payment.
 - (iii) Where either the Borrower, or any person to whom the Borrower has on-lent the Securities, is unable to make payment of the Manufactured Dividend to the Lender without accounting to the Inland Revenue for any amount of relevant tax (as required by Schedule 23A to the Income and Corporation Taxes Act 1988) the Borrower shall pay to the Lender or its Nominee, in cash, the Manufactured Dividend less amounts equal to such tax. The Borrower shall at the same time if requested supply Appropriate Tax Vouchers to the Lender.
 - (iv) Unless otherwise agreed between the Parties as indicated in the Schedule to this Agreement, if at any time any Manufactured Dividend falls to be paid and neither of the Parties is an Approved UK Intermediary or an Approved UK Collecting Agent, the Borrower shall procure that the payment is paid through an Approved UK Intermediary or an Approved UK Collecting Agent agreed by the Parties for this purpose, unless the rate of relevant withholding tax in respect of any Income that would have been payable to the Lender but for the loan of the Securities would have been zero and no income tax liability under Chapter VIIA of Part IV of the Income and Corporation Taxes Act 1988 would have arisen in respect thereof.

- (v) In the event of the Borrower failing to remit either directly or by its Nominee any sum payable pursuant to this Clause, the Borrower hereby undertakes to pay a rate to the Lender (upon demand) on the amount due and outstanding at the rate provided for in Clause 13 hereof. Interest on such sum shall accrue daily commencing on and inclusive of the third Business Day after the Relevant Payment Date, unless otherwise agreed between the Parties.
- (vi) Each Party undertakes that where it holds securities of the same description as any securities borrowed by it or transferred to it by way of collateral at a time when a right to vote arises in respect of such securities, it will use its best endeavours to arrange for the voting rights attached to such securities to be exercised in accordance with the instructions of the Lender or Borrower (as the case may be) **PROVIDED ALWAYS THAT** each Party shall use its best endeavours to notify the other of its instructions in writing no later than seven Business Days prior to the date upon which such votes are exercisable or as otherwise agreed between the Parties and that the Party concerned shall not be obliged so to exercise the votes in respect of a number of Securities greater than the number so lent or transferred to it. For the avoidance of doubt the Parties agree that subject as hereinbefore provided any voting rights attaching to the relevant Securities, Equivalent Securities, Collateral and/or Equivalent Collateral shall be exercisable by the persons in whose name they are registered or in the case of Securities, Equivalent Securities, Collateral and/or Equivalent Collateral in bearer form, the persons by or on behalf of whom they are held, and not necessarily by the Borrower or the Lender (as the case may be).
- (vii) Where, in respect of any borrowed Securities or any Collateral, any rights relating to conversion, sub-division, consolidation, pre-emption, rights arising under a takeover offer or other rights, including those requiring election by the holder for the time being of such Securities or Collateral, become exercisable prior to the redelivery of Equivalent Securities or Equivalent Collateral, then the Lender or Borrower, as the case may be, may, within a reasonable time before the latest time for the exercise of the right or option give written notice to the other Party that on redelivery of Equivalent Securities or Equivalent Collateral, as the case may be, it wishes to receive Equivalent Securities or Equivalent Collateral in such form as will arise if the right is exercised or, in the case of a right which may be exercised in more than one manner, is exercised as is specified in such written notice.
- (viii) Any payment to be made by the Borrower under this Clause shall be made in a manner to be agreed between the Parties.

5. RATES

- (A) In respect of each loan of Securities, the Borrower shall pay to the Lender, in the manner prescribed in sub-Clause (C), sums calculated by applying such rate as shall be agreed between the Parties from time to time to the daily Value of the relevant Securities.
- (B) Where Cash Collateral is deposited with the Lender in respect of any loan of Securities in circumstances where:
 - (i) interest is earned by the Lender in respect of such Cash Collateral and that interest is paid to the Lender without deduction of tax, the Lender shall pay to the Borrower, in the manner prescribed in sub-Clause (C), an amount equal to the gross amount of such interest earned. Any such payment due to the Borrower may be set-off against any payment due to the Lender pursuant to sub-Clause (A)

hereof if either the Borrower has warranted to the Lender in this Agreement that it is subject to tax in the United Kingdom under Case I of Schedule D in respect of any income arising pursuant to or in connection with the borrowing of Securities hereunder or the Lender has notified the Borrower of the gross amount of such interest or income; and

- (ii) sub-Clause (B)(i) above does not apply, the Lender shall pay to the Borrower, in the manner presented in sub-Clause (C), sums calculated by applying such rates as shall be agreed between the Parties from time to time to the amount of such Cash Collateral. Any such payment due to the Borrower may be set-off against any payment due to the Lender pursuant to sub-Clause (A) hereof.
- (C) In respect of each loan of Securities, the payments referred to in sub-Clauses (A) and (B) of this Clause shall accrue daily in respect of the period commencing on and inclusive of the Settlement Day and terminating on and exclusive of the Business Day upon which Equivalent Securities are redelivered or Cash Collateral is repaid. Unless otherwise agreed, the sums so accruing in respect of each calendar month shall be paid in arrears by the Borrower to the Lender or to the Borrower by the Lender (as the case may be) not later than the Business Day which is one week after the last Business Day of the calendar month to which such payments relate or such other date as the Parties shall from time to time agree. Any payment made pursuant to sub-Clauses (A) and (B) hereof shall be in such currency and shall be paid in such manner and at such place as shall be agreed between the Parties.

6. COLLATERAL

- (A)
 - (i) Subject to sub-Clauses (B), (C) and (E) below the Borrower undertakes to deliver Collateral to the Lender (or in accordance with the Lender's instructions) **TOGETHER WITH** appropriate instruments of transfer duly stamped where necessary and such other instruments as may be requisite to vest title thereto in the Lender simultaneously with delivery of the borrowed Securities and in any event no later than Close of Business on the Settlement Date. Collateral may be provided in any of the forms specified in the Schedule hereto (as agreed between the Parties);
 - (ii) where Collateral is delivered to the Lender's Nominee any obligation under this Agreement to redeliver or otherwise account for Equivalent Collateral shall be an obligation of the Lender notwithstanding that any such redelivery may be effected in any particular case by the Nominee.
- (B) Where CGO Collateral is provided to the Lender or its Nominee by member-to-member delivery or delivery-by-value in accordance with the provisions of the CGO Rules from time to time in force, the obligation of the Lender shall be to redeliver Equivalent Collateral through the CGO to the Borrower in accordance with this Agreement. Any references, (howsoever expressed) in this Agreement, the Rules, and/or any other agreement or communication between the Parties to an obligation to redeliver such Equivalent Collateral shall be construed accordingly. If the loan of Securities in respect of which such Collateral was provided has not been discharged when the Collateral is redelivered, the Assured Payment obligation generated on such redelivery shall be deemed to constitute a payment of money which shall be treated as Cash Collateral until the loan is discharged, or further Equivalent Collateral is provided later during that Business Day. This procedure shall continue daily where CGO Collateral is delivered-by-value for as long as the relevant loan remains outstanding.

- (C) Where CGO Collateral or other collateral is provided by delivery-by-value to a Lender or its Nominee the Borrower may consolidate such Collateral with other Collateral provided by the same delivery to a third party for whom the Lender or its Nominee is acting.
- (D) Where Collateral is provided by delivery-by-value through an alternative book entry transfer system, not being the CGO, the obligation of the Lender shall be to redeliver Equivalent Collateral through such book entry transfer system in accordance with this Agreement. If the loan of Securities in respect of which such Collateral was provided has not been discharged when the Collateral is redelivered, any payment obligation generated within the book entry transfer system on such redelivery shall be deemed to constitute a payment of money which shall be treated as Cash Collateral until the loan is discharged, or further Equivalent Collateral is provided later during that Business Day. This procedure shall continue when Collateral is delivered-by-value for as long as the relevant loan remains outstanding;
- (E) Where Cash Collateral is provided the sum of money so deposited may be adjusted in accordance with Clause 6(H). Subject to Clause 6(H)(ii), the Cash Collateral shall be repaid at the same time as Equivalent Securities in respect of the Securities borrowed are redelivered, and the Borrower shall not assign, charge, dispose of or otherwise deal with its rights in respect of the Cash Collateral. If the Borrower fails to comply with its obligations for such redelivery of Equivalent Securities the Lender shall have the right to apply the Cash Collateral by way of set-off in accordance with Clause 8.
- (F) The Borrower may from time to time call for the repayment of Cash Collateral or the redelivery of Collateral equivalent to any Collateral delivered to the Lender prior to the date on which the same would otherwise have been repayable or redeliverable **PROVIDED THAT** at the time of such repayment or redelivery the Borrower shall have delivered or delivers Alternative Collateral acceptable to the Lender.
- (G) (i) Where Collateral (other than Cash Collateral) is delivered in respect of which any Income may become payable, the Borrower shall call for the redelivery of Collateral equivalent to such Collateral in good time to ensure that such Equivalent Collateral may be delivered prior to any such Income becoming payable to the Lender, unless in relation to such Collateral the Parties are satisfied before the relevant Collateral is transferred that no tax will be payable to the UK Inland Revenue under Schedule 23A of the Income and Corporation Taxes Act 1988. At the time of such redelivery the Borrower shall deliver Alternative Collateral acceptable to the Lender.
- (ii) Where the Lender receives any Income in circumstances where the Parties are satisfied as set out in Clause 6(G)(i) above, then the Lender shall on the date on which the Lender receives such Income or on such date as the Parties may from time to time agree, pay and deliver a sum of money or property equivalent to such Income (with any such endorsements or assignments as shall be customary and appropriate to effect the delivery) to the Borrower and shall supply Appropriate Tax Vouchers (if any) to the Borrower.
- (H) Unless the Schedule to this Agreement indicates that Clause 6(I) shall apply in lieu of this Clause 6(H), or unless otherwise agreed between the Parties, the Value of the Collateral delivered to or deposited with the Lender or its nominated bank or depositary (excluding any Collateral repaid or redelivered under sub-Clauses (H)(ii) or (I)(ii) below (as the case may be) ("**Posted Collateral**")) in respect of any loan of Securities shall bear from day to day and at any time the same proportion to the Value of the Securities borrowed under such loan as the Posted Collateral bore at the commencement of such loan. Accordingly:

- (i) the Value of the Posted Collateral to be delivered or deposited while the loan of Securities continues shall be equal to the Value of the borrowed Securities and the Margin applicable thereto (the "**Required Collateral Value**");
 - (ii) if on any Business Day the Value of the Posted Collateral in respect of any loan of Securities exceeds the Required Collateral Value in respect of such loan, the Lender shall (on demand) repay such Cash Collateral and/or redeliver to the Borrower such Equivalent Collateral as will eliminate the excess; and
 - (iii) if on any Business Day the Value of the Posted Collateral falls below the Required Collateral Value, the Borrower shall (on demand) provide such further Collateral to the Lender as will eliminate the deficiency.
- (I) Subject to Clause 6(J), unless the Schedule to this Agreement indicates that Clause 6(H) shall apply in lieu of this Clause 6(I), or unless otherwise agreed between the Parties:-
- (i) the aggregate Value of the Posted Collateral in respect of all loans of Securities outstanding under this Agreement shall equal the aggregate of the Required Collateral Values in respect of such loans;
 - (ii) if at any time the aggregate Value of the Posted Collateral in respect of all loans of Securities outstanding under this Agreement exceeds the aggregate of the Required Collateral Values in respect of such loans, the Lender shall (on demand) repay such Cash Collateral and/or redeliver to the Borrower such Equivalent Collateral as will eliminate the excess;
 - (iii) if at any time the aggregate Value of the Posted Collateral in respect of all loans of Securities outstanding under this Agreement falls below the aggregate of Required Collateral Values in respect of all such loans, the Borrower shall (on demand) provide such further Collateral to the Lender as will eliminate the deficiency.
- (J) Where Clause 6(I) applies, unless the Schedule to this Agreement indicates that this Clause 6(J) does not apply, if a Party (the "**first Party**") would, but for this Clause 6(J), be required under Clause 6(I) to repay Cash Collateral, redeliver Equivalent Securities or provide further Collateral in circumstances where the other Party (the "**second Party**") would, but for this Clause 6(J), also be required to repay Cash Collateral or provide or redeliver Equivalent Collateral under Clause 6(I), then the Value of the Cash Collateral or Equivalent Collateral deliverable by the first Party ("**X**") shall be set-off against the Value of the Cash Collateral, or Equivalent Collateral or further Collateral deliverable by the second Party ("**Y**") and the only obligation of the Parties under Clause 6(I) shall be, where X exceeds Y, an obligation of the first Party, or where Y exceeds X, an obligation of the second Party, to repay Cash Collateral, redeliver Equivalent Collateral or to deliver further Collateral having a Value equal to the difference between X and Y.
- (K) Where Cash Collateral is repaid, Equivalent Collateral is redelivered or further Collateral is provided by a Party under Clause 6(H), the Parties shall agree to which loan or loans of Securities such repayment, redelivery or further provision is to be attributed and failing agreement it shall be attributed, as determined by the Party making such repayment, redelivery or further provision to the earliest outstanding loan and, in the case of a repayment or redelivery up to the point at which the Value of Collateral in respect of such loan is reduced to zero and, in the case of a further provision up to the point at which the Value of the Collateral in respect of such loan equals the Required Collateral Value in respect of such loan, and then to the next earliest outstanding loan up to the similar point and so on.

- (L) Where any Cash Collateral falls to be repaid or Equivalent Collateral to be redelivered or further Collateral to be provided under this Clause 6, it shall be delivered within the minimum period after demand specified in the Schedule or if no appropriate period is there specified within the standard settlement time for delivery of the relevant type of Cash Collateral, Equivalent Collateral or Collateral, as the case may be.

7. REDELIVERY OF EQUIVALENT SECURITIES

- (A) The Borrower undertakes to redeliver Equivalent Securities in accordance with this Agreement and the terms of the relevant Borrowing Request. For the avoidance of doubt any reference herein or in any other agreement or communication between the Parties (howsoever expressed) to an obligation to redeliver or account for or act in relation to borrowed Securities shall accordingly be construed as a reference to an obligation to redeliver or account for or act in relation to Equivalent Securities.
- (B) Subject to Clause 8 hereof and the terms of the relevant Borrowing Request the Lender may call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the relevant borrowed Securities were originally delivered. The Borrower shall as hereinafter provided redeliver such Equivalent Securities not later than the expiry of such notice in accordance with the Lender's instructions. Simultaneously with the redelivery of the Equivalent Securities in accordance with such call, the Lender shall (subject to Clause 6(I), if applicable) repay any Cash Collateral and redeliver to the Borrower Collateral equivalent to the Collateral delivered pursuant to Clause 6 in respect of the borrowed Securities. For the avoidance of doubt any reference herein or in any other agreement or communication between the Parties (however expressed) to an obligation to redeliver or account for or act in relation to Collateral shall accordingly be construed as a reference to an obligation to redeliver or account for or act in relation to Equivalent Collateral.
- (C) If the Borrower does not redeliver Equivalent Securities in accordance with such call, the Lender may elect to continue the loan of Securities **PROVIDED THAT** if the Lender does not elect to continue the loan the Lender may by written notice to the Borrower elect to terminate the relevant loan. Upon the expiry of such notice the provisions of Clauses (8) (B) to (F) shall apply as if upon the expiry of such notice an Event of Default had occurred in relation to the Borrower (who shall thus be the Defaulting Party for the purposes of this Agreement) and as if the relevant loan were the only loan outstanding.
- (D) In the event that as a result of the failure of the Borrower to redeliver Equivalent Securities to the Lender in accordance with this Agreement a "buy-in" is exercised against the Lender then provided that reasonable notice has been given to the Borrower of the likelihood of such a "buy-in", the Borrower shall account to the Lender for the total costs and expenses reasonably incurred by the Lender as a result of such "buy-in".
- (E) Subject to the terms of the relevant Borrowing Request, the Borrower shall be entitled at any time to terminate a particular loan of Securities and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions. The Lender shall accept such redelivery and simultaneously therewith (subject to Clause 6(I) if applicable) shall repay to the Borrower any Cash Collateral or, as the case may be, redeliver Collateral equivalent to the Collateral provided by the Borrower pursuant to Clause 6 in respect thereof.

- (F) Where a TALISMAN short term certificate (as described in paragraph C of the Schedule) is provided by way of Collateral, the obligation to redeliver Equivalent Collateral is satisfied by the redelivery of the certificate to the Borrower or its expiry as provided for in the Rules applying to such certificate.
- (G) Where a Letter of Credit is provided by way of Collateral, the obligation to redeliver Equivalent Collateral is satisfied by the Lender redelivering for cancellation the Letter of Credit so provided, or where the Letter of Credit is provided in respect of more than one loan, by the Lender consenting to a reduction in the value of the Letter of Credit.

8. SET-OFF ETC.

- (A) On the date and time (the "**Performance Date**") that Equivalent Securities are required to be redelivered by the Borrower in accordance with the provisions of this Agreement the Lender shall simultaneously redeliver the Equivalent Collateral and repay any Cash Collateral held (in respect of the Equivalent Securities to be redelivered) to the Borrower. Neither Party shall be obliged to make delivery (or make a payment as the case may be) to the other unless it is satisfied that the other Party will make such delivery (or make an appropriate payment as the case may be) to it simultaneously. If it is not so satisfied (whether because an Event of Default has occurred in respect of the other Party or otherwise) it shall notify the other party and unless that other Party has made arrangements which are sufficient to assure full delivery (or the appropriate payment as the case may be) to the notifying Party, the notifying Party shall (provided it is itself in a position, and willing, to perform its own obligations) be entitled to withhold delivery (or payment, as the case may be) to the other Party.
- (B) If an Event of Default occurs in relation to either Party, the Parties' delivery and payment obligations (and any other obligations they have under this Agreement) shall be accelerated so as to require performance thereof at the time such Event of Default occurs (the date of which shall be the "**Performance Date**" for the purposes of this clause) and in such event:
 - (i) the Relevant Value of the Securities to be delivered (or payment to be made, as the case may be) by each Party shall be established in accordance with Clause 8(C); and
 - (ii) on the basis of the Relevant Values so established, an account shall be taken (as at the Performance Date) of what is due from each Party to the other and (on the basis that each Party's claim against the other in respect of delivery of Equivalent Securities or Equivalent Collateral or any cash payment equals the Relevant Value thereof) the sums due from one Party shall be set-off against the sums due from the other and only the balance of the account shall be payable (by the Party having the claim valued at the lower amount pursuant to the foregoing) and such balance shall be payable on the Performance Date.
- (C) For the purposes of Clause 8(B) the Relevant Value:-
 - (i) of any cash payment obligation shall equal its par value (disregarding any amount taken into account under (ii) or (iii) below);
 - (ii) of any securities to be delivered by the Defaulting Party shall, subject to Clause 8(E) below, equal the Offer Value thereof; and
 - (iii) of any securities to be delivered to the Defaulting Party shall, subject to Clause 8(E) below, equal the Bid Value thereof.

- (D) For the purposes of Clause 8(C), but subject to Clause 8(E) below, the Bid Value and Offer Value of any securities shall be calculated as at the Close of Business in the most appropriate market for securities of the relevant description (as determined by the Non-Defaulting Party) on the first Business Day following the Performance Date, or if the relevant Event of Default occurs outside the normal business hours of such market, on the second Business Day following the Performance Date (the "**Default Valuation Time**");
- (E) (i) Where the Non-Defaulting Party has following the occurrence of an Event of Default but prior to the Default Valuation Time purchased securities forming part of the same issue and being of an identical type and description to those to be delivered by the Defaulting Party and in substantially the same amount as those securities or sold securities forming part of the same issue and being of an identical type and description to those to be delivered by him to the Defaulting Party and in substantially the same amount as those securities, the cost of such purchase or the proceeds of such sale, as the case may be, (taking into account all reasonable costs, fees and expenses that would be incurred in connection therewith) shall be treated as the Offer Value or Bid Value, as the case may be, of the relevant securities for the purposes of this Clause 8.
- (ii) Where the amount of any securities sold or purchased as mentioned in (E)(i) above is not in substantially the same amount as those securities to be valued for the purposes Clause 8(C) the Offer Value or the Bid Value (as the case may be) of those securities shall be ascertained by dividing the net proceeds of sale or cost of purchase by the amount of the securities sold or purchased so as to obtain a net unit price and multiplying that net unit price by the amount of the securities to be valued.
- (F) Any reference in this Clause 8 to securities shall include any asset other than cash provided by way of Collateral.
- (G) If the Borrower or the Lender for any reason fail to comply with their respective obligations under Clauses 6(F) or 6(G) in respect of redelivery of Equivalent Collateral or repayment of Cash Collateral such failure shall be an Event of Default for the purposes of this Clause 8, and the person failing to comply shall thus be the Defaulting Party.
- (H) Subject to and without prejudice to its rights under Clause 8(A) either Party may from time to time in accordance with market practice and in recognition of the practical difficulties in arranging simultaneous delivery of Securities, Collateral and cash transfers waive its right under this Agreement in respect of simultaneous delivery and/or payment **PROVIDED THAT** no such waiver in respect of one transaction shall bind it in respect of any other transaction.

9. TAXATION

- (A) The Borrower hereby undertakes promptly to pay and account for any transfer or similar duties or taxes chargeable in connection with any transaction effected pursuant to or contemplated by this Agreement, and shall indemnify and keep indemnified the Lender against any liability arising in respect thereof as a result of the Borrower's failure to do so.
- (B) A Party undertakes to notify the other Party if it becomes or ceases to be an Approved UK Intermediary or an Approved UK Collecting Agent.

10. LENDER'S WARRANTIES

Each Party hereby warrants and undertakes to the other on a continuing basis to the intent that such warranties shall survive the completion of any transaction contemplated herein that, where acting as a Lender:

- (A) it is duly authorised and empowered to perform its duties and obligations under this Agreement;
- (B) it is not restricted under the terms of its constitution or in any other manner from lending Securities in accordance with this Agreement or from otherwise performing its obligations hereunder;
- (C) it is absolutely entitled to pass full legal and beneficial ownership of all Securities provided by it hereunder to the Borrower free from all liens, charges and encumbrances;
- (D) where the Schedule to this Agreement specifies that this Clause 10(D) applies, it is not resident in the United Kingdom for tax purposes and either is not carrying on a trade in the United Kingdom through a branch or agency or if it is carrying on such a trade the loan is not entered into in the course of the business of such branch or agency, and it has (i) delivered or caused to be delivered to the Borrower a duly completed and certified Certificate (MOD2) or a photocopy thereof bearing an Inland Revenue acknowledgement and unique number and such Certificate or photocopy remains valid or (ii) has taken all necessary steps to enable a specific authorisation to make gross payment of the Manufactured Dividend to be issued by the Inland Revenue;

11. BORROWER'S WARRANTIES

Each Party hereby warrants and undertakes to the other on a continuing basis to the intent that such warranties shall survive the completion of any transaction contemplated herein that, where acting as a Borrower:

- (A) it has all necessary licenses and approvals, and is duly authorised and empowered, to perform its duties and obligations under this Agreement and will do nothing prejudicial to the continuation of such authorisation, licences or approvals;
- (B) it is not restricted under the terms of its constitution or in any other manner from borrowing Securities in accordance with this Agreement or from otherwise performing its obligations hereunder;
- (C) it is absolutely entitled to pass full legal and beneficial ownership of all Collateral provided by it hereunder to the Lender free from all liens, charges and encumbrances;
- (D) it is acting as principal in respect of this Agreement;
- (E) where the Schedule to this Agreement specifies this Clause 11(E) applies, it is subject to tax in the United Kingdom under Case I of Schedule D in respect of any income arising pursuant to or in connection with the borrowing of Securities hereunder.

12. EVENTS OF DEFAULT

Each of the following events occurring in relation to either Party (the "**Defaulting Party**", the other Party being the "**Non-Defaulting Party**") shall be an Event of Default for the purpose of Clause 8:-

- (A) the Borrower or Lender failing to pay or repay Cash Collateral or deliver or redeliver Collateral or Equivalent Collateral upon the due date, and the Non-Defaulting Party serves written notice on the Defaulting Party;
- (B) the Lender or Borrower failing to comply with its obligations under Clause 6, and the Non-Defaulting Party serves written notice on the Defaulting Party;
- (C) the Borrower failing to comply with Clause 4(B)(i), (ii) or (iii) hereof, and the Non-Defaulting Party serves written notice on the Defaulting Party;
- (D) an Act of Insolvency occurring with respect to the Lender or the Borrower and (except in the case of an Act of Insolvency which is the presentation of a petition for winding up or any analogous proceeding or the appointment of a liquidator or analogous officer of the Defaulting Party in which case no such notice shall be required) the Non-Defaulting Party serves written notice on the Defaulting Party;
- (E) any representations or warranties made by the Lender or the Borrower being incorrect or untrue in any material respect when made or repeated or deemed to have been made or repeated, and the Non-Defaulting Party serves written notice on the Defaulting Party;
- (F) the Lender or the Borrower admitting to the other that it is unable to, or it intends not to, perform any of its obligations hereunder and/or in respect of any loan hereunder, and the Non-Defaulting Party serves written notice on the Defaulting Party;
- (G) the Lender (if appropriate) or the Borrower being declared in default by the appropriate authority under the Rules or being suspended or expelled from membership of or participation in any securities exchange or association or other self-regulatory organisation, or suspended from dealing in securities by any government agency, and the Non-Defaulting Party serves written notice on the Defaulting Party;
- (H) any of the assets of the Lender or the Borrower or the assets of investors held by or to the order of the Lender or the Borrower being transferred or ordered to be transferred to a trustee by a regulatory authority pursuant to any securities regulating legislation and the Non-Defaulting Party serves written notice on the Defaulting Party, or
- (I) the Lender or the Borrower failing to perform any other of its obligations hereunder and not remedying such failure within 30 days after the Non-Defaulting Party serves written notice requiring it to remedy such failure, and the Non-Defaulting Party serves a further written notice on the Defaulting Party.

Each Party shall notify the other if an Event of Default occurs in relation to it.

13. OUTSTANDING PAYMENTS

In the event of either Party failing to remit either directly or by its Nominee sums in accordance with this Agreement such Party hereby undertakes to pay a rate to the other Party upon demand on the net balance due and outstanding of 1% above the Barclays Bank PLC base rate from time to time in force.

14. TRANSACTIONS ENTERED INTO AS AGENT

- (A) Subject to the following provisions of this Clause, the Lender may enter into loans as agent (in such capacity, the "**Agent**") for a third person (a "**Principal**"), whether as custodian or investment manager or otherwise (a loan so entered into being referred to in this clause as an "Agency Transaction").

- (B) A Lender may enter into an Agency Transaction if, but only if:-
- (i) if specifies that loan as an Agency Transaction at the time when it enters into it;
 - (ii) it enters into that loan on behalf of a single Principal whose identity is disclosed to the Borrower (whether by name or by reference to a code or identifier which the Parties have agreed will be used to refer to a specified Principal) at the time when it enters into the loan; and
 - (iii) it has at the time when the loan is entered into actual authority to enter into the loan and to perform on behalf of that Principal all of that Principal's obligations under the agreement referred to in (D)(ii) below.

(C) The Lender undertakes that, if it enters as agent into an Agency Transaction, forthwith upon becoming aware:-

- (i) of any event which constitutes an Act of Insolvency with respect to the relevant Principal; or
- (ii) of any breach of any of the warranties given in Clause 14(E) below or of any event or circumstance which has the result that any such warranty would be untrue if repeated by reference to the current facts;

it will inform the Borrower of that fact and will, if so required by the Borrower, furnish it with such additional information as it may reasonably request.

- (D)
- (i) Each Agency Transaction shall be a transaction between the relevant Principal and the Borrower and no person other than the relevant Principal and the Borrower shall be a party to or have any rights or obligations under an Agency Transaction. Without limiting the foregoing, the Lender shall not be liable as principal for the performance of an Agency Transaction or for breach of any warranty contained in Clause 10(D) or 11(E) of this Agreement, but this is without prejudice to any liability of the Lender under any other provision of this Clause.
 - (ii) All the provisions of the Agreement shall apply separately as between the Borrower and each Principal for whom the Agent has entered into an Agency transaction or Agency Transactions as if each such Principal were a party to a separate agreement with the Borrower in all respects identical with this Agreement other than this paragraph and as if the Principal were Lender in respect of that agreement.

PROVIDED THAT

if there occurs in relation to the Agent an Event of Default or an event which would constitute an Event of Default if the Borrower served written notice under any sub-Clause of Clause 12, the Borrower shall be entitled by giving written notice to the Principal (which notice shall be validly given if given to the Lender in accordance with Clause 20) to declare that by reason of that event an Event of Default is to be treated as occurring in relation to the Principal. If the Borrower gives such a notice then an Event of Default shall be treated as occurring in relation to the Principal at the time when the notice is deemed to be given; and

if the Principal is neither incorporated nor has established a place of business in Great Britain, the Principal shall for the purposes of the agreement referred to in (D)(ii) be deemed to have appointed as its agent to receive on its behalf service of

process in the courts of England the Agent, or if the Agent is neither incorporated nor has established a place of business in the United Kingdom, the person appointed by the Agent for the purposes of this Agreement, or such other person as the Principal may from time to time specify in a written notice given to the other party.

- (iii) The foregoing provisions of this Clause do not affect the operation of the Agreement as between the Borrower and the Lender in respect of any transactions into which the Lender may enter on its own account as principal.
- (E) The Lender warrants to the Borrower that it will, on every occasion on which it enters or purports to enter into a transaction as an Agency Transaction, have been duly authorised to enter into that loan and perform the obligations arising thereunder on behalf of the person whom it specifies as the Principal in respect of that transaction and to perform on behalf of that person all the obligations of that person under the agreement referred to in (D)(ii).

15. TERMINATION OF COURSE OF DEALINGS BY NOTICE

Each Party shall have the right to bring the course of dealing contemplated under this Agreement to an end by giving not less than 15 Business Days' notice in writing to the other Party (which notice shall specify the date of termination) subject to an obligation to ensure that all loans and which have been entered into but not discharged at the time such notice is given are duly discharged in accordance with this Agreement and with the Rules.

16. GOVERNING PRACTICES

The Borrower shall use its best endeavours to notify the Lender (in writing) of any changes in legislation or practices governing or affecting the Lender's rights or obligations under this Agreement or the treatment of transactions effected pursuant to or contemplated by this Agreement.

17. OBSERVANCE OF PROCEDURES

Each of the Parties hereto agrees that in taking any action that may be required in accordance with this Agreement it shall observe strictly the procedures and timetable applied by the Rules and, further, shall observe strictly any agreement (oral or otherwise) as to the time for delivery or redelivery of any money, Securities, Equivalent Securities, Collateral or Equivalent Collateral entered into pursuant to this Agreement.

18. SEVERANCE

If any provision of this Agreement is declared by any judicial or other competent authority to be void or otherwise unenforceable, that provision shall be severed from the Agreement and the remaining provisions of this Agreement shall remain in full force and effect. The Agreement shall, however, thereafter be amended by the Parties in such reasonable manner so as to achieve, without illegality, the intention of the Parties with respect to that severed provision.

19. SPECIFIC PERFORMANCE

Each Party agrees that in relation to legal proceedings it will not seek specific performance of the other Party's obligation to deliver or redeliver Securities, Equivalent Securities, Collateral or Equivalent Collateral but without prejudice to any other rights it may have.

20. NOTICES

All notices issued under this Agreement shall be in writing (which shall include telex or facsimile messages) and shall be deemed validly delivered if sent by prepaid first class post to or left at the addresses or sent to the telex or facsimile number of the Parties respectively or such other addresses or telex or facsimile numbers as each Party may notify in writing to the other.

21. ASSIGNMENT

Neither Party may charge assign or transfer all or any of its rights or obligations hereunder without the prior consent of the other Party.

22. NON-WAIVER

No failure or delay by either Party to exercise any right, power or privilege hereunder shall operate as a waiver thereof nor shall any single or partial exercise of any right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege as herein provided.

23. ARBITRATION AND JURISDICTION

(A) All claims, disputes and matters of conflict between the Parties arising hereunder shall be referred to or submitted for arbitration in London in accordance with English Law before a sole arbitrator to be agreed between the Parties or in default of agreement by an arbitrator to be nominated by the Chairman of The Stock Exchange on the application of either Party, and this Agreement shall be deemed for this purpose to be a submission to arbitration within the Arbitration Acts 1950 and 1979, or any statutory modification or re-enactment thereof for the time being in force.

(B) This Clause shall take effect notwithstanding the frustration or other termination of this Agreement.

(C) No action shall be brought upon any issue between the Parties under or in connection with this Agreement until the same has been submitted to arbitration pursuant hereto and an award made.

24. TIME

Time shall be of the essence of the Agreement.

25. RECORDING

The Parties agree that each may electronically record all telephonic conversations between them.

26. GOVERNING LAW

This Agreement is governed by, and shall be construed in accordance with, English Law.

IN WITNESS WHEREOF this Agreement has been executed on behalf of the Parties hereto the day and year first before written.

SIGNED BY)
)
)
ON BEHALF OF)
MORGAN STANLEY &. CO.)
INTERNATIONAL PLC.)

SIGNED BY)
)
)
ON BEHALF OF)
)

SCHEDULE

COLLATERAL

Types

Collateral acceptable under this Agreement may include the following or otherwise, as agreed between the Parties from time to time whether transferable by hand or within a depositary:-

- A. British Government Stock and other stock registered at the Bank of England which is transferable through the CGO to the Lender or its Nominee against an Assured Payment, hereinbefore referred to as CGO Collateral.

- B.
 - (i) British Government Stock and Sterling Issues by foreign governments (transferable through the CGO), in the form of an enfaced transfer deed or a long term collateral certificate or overnight collateral chit issued by the CGO accompanied (in each case) by an executed unenfaced transfer deed;
 - (ii) Corporation and Commonwealth Stock in the form of registered stock or allotment letters duly renounced;
 - (iii) UK Government Treasury Bills;
 - (iv) U.S. Government Treasury Bills;
 - (v) Bankers' Acceptances;
 - (vi) Sterling Certificates of Deposit;
 - (vii) Foreign Currency Certificates of Deposit;
 - (viii) Local Authority Bonds;
 - (ix) Local Authority Bills;
 - (x) Letters of Credit;
 - (xi) Bonds or Equities in registrable form or allotment letters duly renounced;
 - (xii) Bonds or Equities in bearer form; and

- C. Cash Collateral.

Valuation of Collateral

Collateral provided in accordance with this Agreement shall be evaluated by reference to the following, or by such means as the Parties may from time to time agree:-

- (A) in respect of Collateral types A and B(i), the current CGO value calculated by reference to the middle market price of each stock as determined daily by the Bank of England, adjusted to include the accumulated interest thereon (the CGO Reference Price);

- (B) in respect of Collateral types B(ii) to (ix), (xi) and (xii) the Reference Price thereof;

(C) in respect of Collateral type B(x) the value specified therein.

Margin

The Value of the Collateral delivered pursuant to Clause 6 by the Borrower to the Lender under the terms and conditions of this Agreement shall on each Business Day represent not less than the Value of the borrowed Securities **TOGETHER WITH** the following additional percentages hereinbefore referred to as ("the Margin") unless otherwise agreed between the Parties:-

- (i) in the case of Collateral types A, B(i) to (x) and C: 5%, (for Certificates of Deposit the Margin shall be the accumulated interest thereon); or
- (ii) in the case of Collateral types B(xi) and (xii): 5%

If the Value of the borrowed Securities includes any margin over the mid-market price of the borrowed Securities this shall be taken into account in determining the Margin applicable.

Basis of Margin Maintenance

Clause 6 (I)(global margining) shall apply.

Clause 6(J) (netting of margin where one party both a Borrower and Lender) shall apply,

Minimum period after demand for transferring Cash Collateral or Equivalent Collateral: The standard settlement time for delivery of the relevant type of Cash Collateral, Equivalent Collateral or Collateral, as the case may be.

BASE CURRENCY

The Base Currency applicable to this Agreement is United States Dollars, unless otherwise agreed.

LENDER'S WARRANTIES

Where Morgan Stanley & Co. International plc. is Lender, Clause 10(D) shall not apply.
Where [] is Lender, Clause 10(D) shall / shall not apply.

BORROWER'S WARRANTIES

Where Morgan Stanley & Co. International plc. is Borrower, Clause 11(E) shall apply.
Where [] is Borrower, Clause 11(E) shall / shall not apply.

ARBITRATION AND JURISDICTION

Clause 23(A) shall be deleted and replaced with the following:-

“(A) All claims, disputes and matters of conflict between the Parties arising hereunder (including, without limitation, disputes relating to any non-contractual obligations arising out of or in connection herewith) shall be referred to or submitted for arbitration in London in accordance with English Law before a sole arbitrator to be agreed between the Parties or in default of agreement by an arbitrator to be nominated by the Chairman of The Stock Exchange on the application of either Party, and this Agreement shall be deemed for this purpose to be a submission to arbitration within the Arbitration Acts 1950 and 1979, or any statutory modification or re-enactment thereof for the time being in force.”

GOVERNING LAW

Clause 26, Governing Law shall be deleted and replaced with the following:-

“This Agreement and any non-contractual obligations arising out of or in relation to it shall be governed by, and shall be construed in accordance with, English Law.”

Overseas Securities Lender's Agreement

Additional terms and conditions relating to European Economic and Monetary Union

1. Interpretation

In this Annex -

“*euro*” means the currency of the member states of the European Union that adopt a single currency in accordance with the Treaty establishing the European Communities, as amended by the Treaty on European Union;

“*euro unit*”, “*national currency unit*” and “*transitional period*” have the meaning given to those terms in the European Council Regulation on the legal framework for the introduction of the euro which is expected to come into force on 1 January 1999;

“*TARGET*” means the Trans-European Automated Real-time Gross Settlement Express Transfer system.

2. Continuity of contract

The parties confirm that the introduction of the euro or the occurrence or non-occurrence of any other event associated with economic and monetary union in the European Community shall not have the effect of altering any term of the Agreement or discharging, or excusing performance under the Agreement or any loan made thereunder, nor give a party the right unilaterally to alter or terminate the Agreement or any loan made thereunder.

3. Business Days

The parties agree that the following shall be inserted at the end of the definition of "Business Day" in clause 1 of the Agreement, following the words "are to be delivered"-

“(or, in the case of a payment denominated in euro, a day on which TARGET operates)”

4. "Equivalent Securities" and "Equivalent Collateral"

The parties agree that for the purposes of clause 1 of the Agreement, Securities will be equivalent to other Securities and Collateral will be equivalent to other Collateral notwithstanding that those Securities or that Collateral have been redenominated into euro or the nominal value of the Securities or Collateral has changed in connection with such redenomination.