

Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To NZX Limited
and

To Pushpay Holdings Ltd

Date this disclosure made: 23 January, 2023

Date on which substantial holding began: 18 January, 2023

Substantial product holder(s) giving disclosure

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

Summary of substantial holding

Class of quoted voting products: Ordinary Shares (security code: NZPPE0001S6)

Summary for Mitsubishi UFJ Financial Group, Inc., First Sentier Investors Realindex Pty Ltd

For this disclosure,—

- (a) total number held in class: 76,564,936
- (b) total in class: 1,141,775,519
- (c) total percentage held in class: 6.706%

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 First Sentier Investors Realindex Pty Ltd and being deemed to have the same relevant interests as are disclosed by First Sentier Investors Realindex Pty Ltd in this notice.

For that relevant interest,—

- (a) number held in class: 4,955,719
- (b) percentage held in class: 0.434%
- (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: 71,609,217
- (b) percentage held in class: 6.272%
- (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.

- (a) number held in class: 4,955,719
- (b) percentage held in class : 0.434%
- (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: 71,609,217
- (b) percentage held in class: 6.272%
- (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

First Sentier Investors Realindex Pty 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: First Sentier Investors Realindex Pty Ltd is 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)
23-Aug-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-18,875	-24,726.25
25-Aug-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-10,895	-14,054.55
29-Aug-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-937,347	-1,190,430.69
31-Aug-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-5,909	-7,563.52
07-Sep-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-48,000	-60,000.00
09-Sep-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-7,930	-10,071.10
15-Sep-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-84,318	-92,505.28
16-Sep-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	5,079	5,586.90
23-Sep-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	19,028	20,930.80

05-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	37,677	41,821.47
21-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	25,163	29,916.29
27-Oct-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	23,811	28,335.09
10-Nov-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-21,197	-27,344.13
18-Nov-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	15,612	19,983.36
01-Dec-2022	First Sentier Investors Realindex Pty Ltd	BUY	Ordinary Shares	122,059	156,235.52
16-Dec-2022	First Sentier Investors Realindex Pty Ltd	SELL	Ordinary Shares	-77,414	-99,864.06

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 International Holdings Inc.
 - └─ 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 14 November 2022 in Annexure D (80 pages).

For that relevant interest,-

- (a) number held in class: 29,164,053
- (b) percentage held in class : 2.554%
- (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): 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 14 November 2022 in Annexure D (80 pages).

For that relevant interest,-

- (a) number held in class: 194,198
- (b) percentage held in class : 0.017%
- (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 through an associate. The relevant agreement document(s) (MSLA - Master Securities Loan Agreement) has been attached to a previous disclosure made on 14 November 2022 in Annexure G (31 pages).

For that relevant interest,-

- (a) number held in class: 394,868
- (b) percentage held in class : 0.035%

- (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 Securities Lending Agreement. The relevant agreement document(s) (2000 Global Master Securities Lending Agreement & 2010 Global Master Securities Lending Agreement) have been attached to a previous disclosure made on 14 November 2022 in Annexure F (69 pages).

For that relevant interest,-

- (a) number held in class: 712,542
- (b) percentage held in class: 0.062%
- (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 14 November 2022 in Annexure D (80 pages).

- (a) number held in class: 11,323,087
- (b) percentage held in class: 0.992%
- (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): 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.

- (a) number held in class: 25,389,229
- (b) percentage held in class: 2.224%
- (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): 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 14 November 2022 in Annexure E (24 pages). Please refer to Table 2 for details on derivative relevant interest.

- (a) number held in class: 733,512
- (b) percentage held in class: 0.064%
- (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 right to rehypothecate pursuant to the agreement(s). The relevant agreement document(s) (Prime Brokerage Margin Agreement) has been attached to a previous disclosure made on 14 November 2022 in Annexure D (19 pages).

For that relevant interest,—

- (a) number held in class: 2,667,348
- (b) percentage held in class: 0.234%
- (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): Holder of securities subject to an obligation to return under a Securities Lending Agreement. The relevant agreement document(s) (Master Securities Loan Agreement) has been attached to a previous disclosure made on 14 November 2022 in Annexure G (31 pages).

For that relevant interest,—

- (a) number held in class: 31,111
- (b) percentage held in class: 0.003%
- (c) current registered holder(s): HSBC Nominees (New Zealand) 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: 576
- (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 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) have been attached to a previous disclosure made on 14 November 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: 850,251
- (b) percentage held in class: 0.074%
- (c) current registered holder(s): Unkown

(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: 14,725
- (b) percentage held in class: 0.001%
- (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): Shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s). The relevant agreement document(s) (Fully Paid Lending Program: Master Securities Lending Agreement) has been attached to a previous disclosure made on 14 November 2022 in Annexure H (15 pages).

For that relevant interest,—

- (a) number held in class: 1,000
- (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 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: 132,717,
- (b) percentage held in class: 0.012%
- (c) current registered holder(s): Unknown

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

Table 2: For a derivative relevant interest

Details for	(a) Type of Derivative	(b) Details of Derivative		
		Notional Value of the Derivative	Settlement Type	Expiry Date of the Derivative
Morgan Stanley Capital Services LLC	Swap Agreement	1,360.64	Cash	3/28/2023
		1.28	Cash	4/12/2024
		4,004.45 (AUD)	Cash	7/31/2024
		497.92	Cash	10/31/2024
		9,070.08	Cash	3/28/2023
		294,896.80 (AUD)	Cash	8/15/2024
		690,177.38 (AUD)	Cash	10/16/2023
Morgan Stanley & Co. International plc	Swap Agreement	937,646.82	Cash	2/19/2024
		7,934.06 (AUD)	Cash	12/31/2024

Annexure C
Transaction details for the Morgan Stanley group

Date of Transaction	Holder of Relevant Interest	Transaction Nature	Consideration	Class and number of securities
9/19/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,801 Swaps
9/19/2022	Morgan Stanley & Co. LLC	Borrow	N/A	519,418 Ordinary Shares
9/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	11,734 Swaps
9/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,694 Swaps
9/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,549 Swaps
9/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,135 Swaps
9/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,333 Swaps
9/20/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,101 Swaps
9/20/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,780 Swaps
9/20/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,823 Swaps
9/20/2022	Morgan Stanley Capital	Buy	N/A	2 Swaps

	Services LLC			
9/21/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,270 Swaps
9/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,429 Swaps
9/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,540 Swaps
9/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,046 Swaps
9/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,341 Swaps
9/23/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,800 Swaps
9/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	11,659 Swaps
9/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
9/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,823 Swaps
9/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,519 Swaps
9/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,687 Swaps
9/26/2022	E*TRADE Securities LLC	Increase in shares held or in respect	N/A	15,725 Ordinary Shares

		of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
9/26/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,400 Swaps
9/26/2022	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	612,892 Ordinary Shares
9/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,166 Swaps

9/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	51 Swaps
9/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	593 Swaps
9/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,346 Swaps
9/27/2022	Morgan Stanley & Co. International plc	Borrow	N/A	43,000 Ordinary Shares
9/27/2022	Morgan Stanley & Co. International plc	Buy	987.39	914 Ordinary Shares
9/27/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,988 Swaps
9/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,212 Swaps
9/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,325 Swaps
9/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,001 Swaps
9/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,782 Swaps
9/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,293 Swaps
9/28/2022	Morgan Stanley & Co. International plc	Borrow	N/A	90,000 Ordinary Shares
9/28/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,700 Swaps
9/28/2022	Morgan Stanley Capital	Buy	N/A	4,453 Swaps

	Services LLC			
9/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,657 Swaps
9/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	741 Swaps
9/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,032 Swaps
9/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,151 Swaps
9/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,595 Swaps
9/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,013 Swaps
9/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,230 Swaps
9/30/2022	Morgan Stanley & Co. International plc	Borrow	N/A	42,000 Ordinary Shares
9/30/2022	Morgan Stanley & Co. International plc	Buy	N/A	44 Swaps
9/30/2022	Morgan Stanley & Co. LLC	Borrow	N/A	40,126 Ordinary Shares
9/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	84 Swaps
9/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,378 Swaps
10/3/2022	E*TRADE Securities LLC	Increase in shares	N/A	15,725 Ordinary Shares

		held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
10/3/2022	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	542,147 Ordinary Shares
10/3/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,505 Swaps

10/3/2022	Morgan Stanley Capital Services LLC	Buy	N/A	837 Swaps
10/4/2022	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	87,504 Ordinary Shares
10/4/2022	Morgan Stanley & Co. LLC	Borrow	N/A	156,137 Ordinary Shares
10/4/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,331 Swaps
10/4/2022	Morgan Stanley Capital Services LLC	Buy	N/A	380 Swaps
10/5/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the	N/A	8,541 Ordinary Shares

		holder may exercise right to rehypothecate pursuant to the agreement(s)		
10/6/2022	Morgan Stanley & Co. International plc	Buy	N/A	322 Swaps
10/6/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,669 Swaps
10/7/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,346 Swaps
10/7/2022	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	18,911 Ordinary Shares

10/7/2022	Morgan Stanley Capital Services LLC	Buy	N/A	12 Swaps
10/7/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,179 Swaps
10/10/2022	Morgan Stanley & Co. International plc	Buy	29,500.00	25,000 Ordinary Shares
10/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	24,511 Swaps
10/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	25,000 Swaps
10/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,853 Swaps
10/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,746 Swaps
10/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	26,327 Swaps
10/11/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the	N/A	17,427 Ordinary Shares

		agreement(s)		
10/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,389 Swaps
10/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,647 Swaps
10/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,002 Swaps
10/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,558 Swaps
10/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,516 Swaps
10/13/2022	Morgan Stanley & Co. International plc	Buy	N/A	210 Swaps
10/13/2022	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	38,953 Ordinary Shares

10/13/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,141 Swaps
10/13/2022	Morgan Stanley Capital Services LLC	Buy	N/A	651 Swaps
10/13/2022	Morgan Stanley Capital Services LLC	Buy	N/A	90 Swaps
10/14/2022	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	30,448 Ordinary Shares
10/14/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,271 Swaps
10/17/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the	N/A	9,733 Ordinary Shares

		holder may exercise right to rehypothecate pursuant to the agreement(s)		
10/17/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,144 Swaps
10/17/2022	Morgan Stanley Capital Services LLC	Buy	N/A	865 Swaps
10/18/2022	Morgan Stanley & Co. International plc	Buy	335.35	286 Ordinary Shares
10/18/2022	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	31,554 Ordinary Shares

10/19/2022	Morgan Stanley & Co. International plc	Buy	249.59	215 Ordinary Shares
10/19/2022	Morgan Stanley & Co. International plc	Buy	706.1	614 Ordinary Shares
10/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	107 Swaps
10/21/2022	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	762,985 Ordinary Shares
10/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,462 Swaps
10/24/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the	N/A	60,201 Ordinary Shares

		holder may exercise right to rehypothecate pursuant to the agreement(s)		
10/25/2022	Morgan Stanley & Co. International plc	Buy	1,888.99	1,623 Ordinary Shares
10/25/2022	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	26,296 Ordinary Shares
10/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	511 Swaps
10/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	91 Swaps

10/28/2022	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	575,249 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Buy	1,702.05	1,345 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Buy	3,463.75	2,771 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Buy	34,317.43	27,000 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Buy	649,217.36	514,840 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Buy	3,783,780.00	3,000,000 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Buy	17,254,036.80	13,680,000 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Increase in	N/A	66,726 Ordinary Shares

		shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
10/31/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,756 Swaps
10/31/2022	Morgan Stanley Capital Services LLC	Buy	N/A	389 Swaps
11/1/2022	Morgan Stanley & Co. International plc	Buy	402.87	316 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	7,810.50	6,150 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	44,868.20	35,294 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	45,756.58	36,000 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	400,083.57	314,869 Ordinary Shares
11/1/2022	Morgan Stanley & Co.	Buy	668,221.5	528,003 Ordinary

	International plc		9	Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	1,271,905 .00	1,000,000 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	4,420,678 .70	3,477,372 Ordinary Shares
11/1/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,284 Swaps
11/2/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,450,000 Ordinary Shares
11/2/2022	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	3,458,160 Ordinary Shares
11/2/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,655 Swaps
11/3/2022	Morgan Stanley & Co.	Buy	261,887.0	205,258 Ordinary

	International plc		4	Shares
11/3/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	12,525,305 Ordinary Shares
11/3/2022	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	503,931 Ordinary Shares
11/3/2022	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which the holder may exercise right to	N/A	449,988 Ordinary Shares

		rehypot hecate pursuan t to the agreem ent(s)		
11/3/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,840 Swaps
11/3/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,938 Swaps
11/3/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,992 Swaps
11/4/2022	Morgan Stanley & Co. International plc	Collater al Receive d	N/A	1,225,212 Ordinary Shares
11/4/2022	Morgan Stanley & Co. International plc	Increas e in shares held or in respect of which the holder may exercise right to rehypot hecate pursuan t to the agreem	N/A	11,644 Ordinary Shares

		ent(s)		
11/4/2022	Morgan Stanley Capital Services LLC	Buy	N/A	12,722 Swaps
11/4/2022	Morgan Stanley Capital Services LLC	Buy	N/A	18,639 Swaps
11/7/2022	Morgan Stanley & Co. International plc	Buy	5,139.48	4,044 Ordinary Shares
11/7/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,616 Swaps
11/8/2022	Morgan Stanley & Co. International plc	Buy	13,704.79	10,724 Ordinary Shares
11/8/2022	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	10,792,859 Ordinary Shares
11/9/2022	Morgan Stanley & Co. International plc	Buy	11,818.24	9,233 Ordinary Shares

11/10/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,908,432 Ordinary Shares
11/11/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	58,203 Ordinary Shares
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	16,392,577 Ordinary Shares
11/11/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder	N/A	59,558 Ordinary Shares

		may exercise right to rehypothecate pursuant to the agreement(s)		
11/14/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	406 Ordinary Shares
11/14/2022	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	1,057,501 Ordinary Shares
11/14/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,813 Swaps
11/15/2022	Morgan Stanley & Co.	Buy	172,327.7	134,000 Ordinary

	International plc		5	Shares
11/15/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	18,394 Ordinary Shares
11/15/2022	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	14,727 Ordinary Shares
11/16/2022	Morgan Stanley & Co. International plc	Buy	303.15	235 Ordinary Shares
11/16/2022	Morgan Stanley & Co. International plc	Buy	23,373.79	18,248 Ordinary Shares
11/16/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which	N/A	11,558 Ordinary Shares

		the holder may exercise right to rehypothecate pursuant to the agreement(s)		
11/16/2022	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	788 Ordinary Shares
11/17/2022	Morgan Stanley & Co. International plc	Buy	N/A	39,107 Swaps
11/17/2022	Morgan Stanley & Co. International plc	Increase in shares held or	N/A	12,741 Ordinary Shares

		in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
11/17/2022	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	2,883,000 Ordinary Shares
11/18/2022	Morgan Stanley & Co. International plc	Buy	N/A	43,179 Swaps
11/18/2022	Morgan Stanley & Co.	Collateral	N/A	4,677,493 Ordinary

	International plc	al Receive d		Shares
11/18/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,502 Swaps
11/18/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,471 Swaps
11/18/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,960 Swaps
11/18/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,328 Swaps
11/21/2022	Morgan Stanley & Co. International plc	Buy	58,639.42	45,780 Ordinary Shares
11/21/2022	Morgan Stanley & Co. International plc	Buy	N/A	82,741 Swaps
11/21/2022	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	N/A	5,178 Ordinary Shares

		ent(s)		
11/22/2022	Morgan Stanley & Co. International plc	Buy	237,104.10	185,108 Ordinary Shares
11/22/2022	Morgan Stanley & Co. International plc	Buy	N/A	62,875 Swaps
11/22/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,067 Swaps
11/22/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,379 Swaps
11/23/2022	Morgan Stanley & Co. International plc	Buy	26,240.44	20,486 Ordinary Shares
11/23/2022	Morgan Stanley & Co. International plc	Buy	N/A	32,701 Swaps
11/23/2022	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	43,586 Ordinary Shares

11/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	696 Swaps
11/24/2022	Morgan Stanley & Co. International plc	Buy	32,244.00	25,173 Ordinary Shares
11/24/2022	Morgan Stanley & Co. International plc	Buy	N/A	66,404 Swaps
11/24/2022	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	167,641 Ordinary Shares
11/24/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise	N/A	4,705,160 Ordinary Shares

		right to rehypothecate pursuant to the agreement(s)		
11/24/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,631 Swaps
11/24/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,231 Swaps
11/25/2022	Morgan Stanley & Co. International plc	Buy	8,719.06	6,807 Ordinary Shares
11/25/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,051,349 Ordinary Shares
11/25/2022	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	N/A	4,322 Ordinary Shares

		ent(s)		
11/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,398 Swaps
11/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,937 Swaps
11/28/2022	Morgan Stanley & Co. International plc	Buy	156,096.39	121,865 Ordinary Shares
11/28/2022	Morgan Stanley & Co. International plc	Buy	N/A	95,662 Swaps
11/28/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	282,330 Ordinary Shares
11/28/2022	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	1,384 Ordinary Shares
11/28/2022	Morgan Stanley & Co.	Increase	N/A	19,741,546 Ordinary

	International plc	e in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		Shares
11/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	11,331 Swaps
11/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,137 Swaps
11/29/2022	Morgan Stanley & Co. International plc	Buy	3,166.72	2,474 Ordinary Shares
11/29/2022	Morgan Stanley & Co. International plc	Buy	23,408.37	18,275 Ordinary Shares
11/29/2022	Morgan Stanley & Co. International plc	Buy	N/A	43,175 Swaps
11/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,926 Swaps
11/30/2022	Morgan Stanley & Co. International plc	Buy	35,137.54	27,432 Ordinary Shares

11/30/2022	Morgan Stanley & Co. International plc	Buy	N/A	121,732 Swaps
11/30/2022	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	23 Ordinary Shares
11/30/2022	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the	N/A	143,265 Ordinary Shares

		agreement(s)		
11/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	12,845 Swaps
11/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	137 Swaps
12/1/2022	Morgan Stanley & Co. International plc	Buy	160,234.97	125,096 Ordinary Shares
12/1/2022	Morgan Stanley & Co. International plc	Buy	N/A	44,071 Swaps
12/1/2022	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 Ordinary Shares
12/1/2022	Morgan Stanley & Co. International plc	Increase in shares held or in	N/A	606,652 Ordinary Shares

		respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
12/2/2022	Morgan Stanley & Co. International plc	Buy	3,407.18	2,660 Ordinary Shares
12/2/2022	Morgan Stanley & Co. International plc	Buy	8,505.70	6,643 Ordinary Shares
12/2/2022	Morgan Stanley & Co. International plc	Buy	N/A	180 Swaps
12/2/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	26 Ordinary Shares
12/2/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise	N/A	249,974 Ordinary Shares

		right to rehypothecate pursuant to the agreement(s)		
12/5/2022	Morgan Stanley & Co. International plc	Buy	15,352.82	11,986 Ordinary Shares
12/5/2022	Morgan Stanley & Co. International plc	Buy	N/A	55,474 Swaps
12/5/2022	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	733,028 Ordinary Shares
12/5/2022	Morgan Stanley Capital Services LLC	Buy	N/A	68 Swaps
12/6/2022	Morgan Stanley & Co. International plc	Buy	30,331.62	23,680 Ordinary Shares

12/6/2022	Morgan Stanley & Co. International plc	Buy	N/A	39,557 Swaps
12/6/2022	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	1,169,797 Ordinary Shares
12/6/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,251 Swaps
12/7/2022	Morgan Stanley & Co. International plc	Buy	12,642.44	9,870 Ordinary Shares
12/7/2022	Morgan Stanley & Co. International plc	Buy	21,028.31	16,426 Ordinary Shares
12/7/2022	Morgan Stanley & Co. International plc	Buy	21,028.31	16,426 Ordinary Shares
12/7/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	193 Ordinary Shares

12/7/2022	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	72,907 Ordinary Shares
12/7/2022	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	722,953 Ordinary Shares

12/7/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,340 Swaps
12/8/2022	Morgan Stanley & Co. International plc	Buy	17,929.98	13,998 Ordinary Shares
12/8/2022	Morgan Stanley & Co. International plc	Buy	20,300.38	15,765 Ordinary Shares
12/8/2022	Morgan Stanley & Co. International plc	Buy	20,300.38	15,765 Ordinary Shares
12/8/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,103,964 Ordinary Shares
12/8/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	8,347 Ordinary Shares
12/8/2022	Morgan Stanley Capital Services LLC	Buy	N/A	175 Swaps

12/8/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,271 Swaps
12/9/2022	Morgan Stanley & Co. International plc	Buy	3,289.23	2,549 Ordinary Shares
12/9/2022	Morgan Stanley & Co. International plc	Buy	32,229.91	25,162 Ordinary Shares
12/9/2022	Morgan Stanley & Co. International plc	Buy	64,952.79	50,351 Ordinary Shares
12/9/2022	Morgan Stanley & Co. International plc	Buy	64,957.95	50,355 Ordinary Shares
12/9/2022	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	5,112,479 Ordinary Shares
12/9/2022	Morgan Stanley & Co. International plc	Increase in shares held or in	N/A	53,302 Ordinary Shares

		respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
12/12/2022	Morgan Stanley & Co. International plc	Buy	2,814.32	2,198 Ordinary Shares
12/12/2022	Morgan Stanley & Co. International plc	Buy	5,719.20	4,465 Ordinary Shares
12/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,829 Swaps
12/12/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the	N/A	13,892 Ordinary Shares

		agreement(s)		
12/12/2022	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	18,136 Ordinary Shares
12/13/2022	Morgan Stanley & Co. International plc	Buy	3,541.68	2,765 Ordinary Shares
12/13/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypot	N/A	32,752 Ordinary Shares

		hecate pursuan t to the agreem ent(s)		
12/13/2022	Morgan Stanley & Co. International plc	Increas e in shares held or in respect of which the holder may exercise right to rehypot hecate pursuan t to the agreem ent(s)	N/A	87,730 Ordinary Shares
12/14/2022	Morgan Stanley & Co. International plc	Buy	7,926.18	6,188 Ordinary Shares
12/14/2022	Morgan Stanley & Co. LLC	Increas e in shares held or in respect of which the holder may	N/A	185,000 Ordinary Shares

		exercise right to rehypothecate pursuant to the agreement(s)		
12/15/2022	Morgan Stanley & Co. International plc	Buy	43,768.22	34,170 Ordinary Shares
12/15/2022	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	16,121 Ordinary Shares
12/15/2022	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which	N/A	245,000 Ordinary Shares

		the holder may exercise right to rehypothecate pursuant to the agreement(s)		
12/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	45,662 Swaps
12/16/2022	Morgan Stanley & Co. International plc	Buy	1,238.40	960 Ordinary Shares
12/16/2022	Morgan Stanley & Co. International plc	Buy	4,201.34	3,280 Ordinary Shares
12/16/2022	Morgan Stanley & Co. International plc	Buy	237,456.75	184,075 Ordinary Shares
12/16/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant	N/A	6,454 Ordinary Shares

		t to the agreement(s)		
12/16/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	8,000 Ordinary Shares
12/16/2022	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant	N/A	951,000 Ordinary Shares

		t to the agreement(s)		
12/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	16,075 Swaps
12/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,570 Swaps
12/19/2022	Morgan Stanley & Co. International plc	Buy	1,708.52	1,332 Ordinary Shares
12/19/2022	Morgan Stanley & Co. International plc	Buy	1,708.52	1,332 Ordinary Shares
12/19/2022	Morgan Stanley & Co. International plc	Buy	13,065.14	10,200 Ordinary Shares
12/19/2022	Morgan Stanley & Co. International plc	Buy	1,029,028.00	800,000 Ordinary Shares
12/19/2022	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	N/A	151,900 Ordinary Shares

		ent(s)		
12/19/2022	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	4,402 Ordinary Shares
12/20/2022	Morgan Stanley & Co. International plc	Buy	35,026.10	27,345 Ordinary Shares
12/20/2022	Morgan Stanley & Co. International plc	Buy	42,172.89	32,743 Ordinary Shares
12/20/2022	Morgan Stanley & Co. International plc	Buy	42,268.35	32,817 Ordinary Shares
12/20/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder	N/A	1,533,266 Ordinary Shares

		may exercise right to rehypothecate pursuant to the agreement(s)		
12/20/2022	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	185,360 Ordinary Shares
12/20/2022	Morgan Stanley Investment Management Inc.	Buy	148.48	116 Ordinary Shares
12/21/2022	Morgan Stanley & Co. International plc	Buy	2,443.95	1,908 Ordinary Shares
12/21/2022	Morgan Stanley & Co. International plc	Buy	21,501.72	16,668 Ordinary Shares

12/22/2022	Morgan Stanley & Co. International plc	Buy	576.4	450 Ordinary Shares
12/22/2022	Morgan Stanley & Co. International plc	Buy	2,398.64	1,873 Ordinary Shares
12/22/2022	Morgan Stanley & Co. International plc	Buy	10,094.25	7,825 Ordinary Shares
12/22/2022	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	29,627,689 Ordinary Shares
12/22/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise	N/A	338 Ordinary Shares

		right to rehypothecate pursuant to the agreement(s)		
12/23/2022	Morgan Stanley & Co. International plc	Buy	81.98	64 Ordinary Shares
12/23/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	20,657 Ordinary Shares
12/27/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the	N/A	7,216 Ordinary Shares

		holder may exercise right to rehypothecate pursuant to the agreement(s)		
12/28/2022	Morgan Stanley & Co. International plc	Buy	10,212.93	7,917 Ordinary Shares
12/28/2022	Morgan Stanley & Co. International plc	Buy	17,300.17	13,509 Ordinary Shares
12/28/2022	Morgan Stanley & Co. International plc	Buy	20,545.57	16,040 Ordinary Shares
12/28/2022	Morgan Stanley & Co. International plc	Buy	32,817.60	25,440 Ordinary Shares
12/28/2022	Morgan Stanley & Co. International plc	Buy	141,504.25	110,065 Ordinary Shares
12/28/2022	Morgan Stanley & Co. International plc	Buy	298,150.57	231,792 Ordinary Shares
12/28/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,393,634 Ordinary Shares
12/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,058 Swaps
12/29/2022	Morgan Stanley & Co. International plc	Buy	2,051.10	1,590 Ordinary Shares

12/29/2022	Morgan Stanley & Co. International plc	Buy	4,484.84	3,499 Ordinary Shares
12/29/2022	Morgan Stanley & Co. International plc	Buy	9,099.49	7,104 Ordinary Shares
12/29/2022	Morgan Stanley & Co. International plc	Buy	61,845.59	48,269 Ordinary Shares
12/29/2022	Morgan Stanley & Co. International plc	Buy	61,845.59	48,269 Ordinary Shares
12/29/2022	Morgan Stanley & Co. International plc	Buy	71,497.67	55,834 Ordinary Shares
12/29/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,913,557 Ordinary Shares
12/29/2022	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	2,200 Ordinary Shares

12/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	26,654 Swaps
12/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,134 Swaps
12/30/2022	Morgan Stanley & Co. International plc	Buy	2,682.94	2,095 Ordinary Shares
12/30/2022	Morgan Stanley & Co. International plc	Buy	2,848.71	2,224 Ordinary Shares
12/30/2022	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	2,863,588 Ordinary Shares
12/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,358 Swaps
1/3/2023	Morgan Stanley & Co. International plc	Increase in shares held or in	N/A	10,690,477 Ordinary Shares

		respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
1/3/2023	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	3,072 Ordinary Shares
1/4/2023	Morgan Stanley & Co. International plc	Buy	7,270.19	5,677 Ordinary Shares
1/4/2023	Morgan Stanley & Co. International plc	Buy	42,363.07	33,073 Ordinary Shares

1/4/2023	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	12,935 Ordinary Shares
1/4/2023	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	2,428,547 Ordinary Shares

1/5/2023	Morgan Stanley & Co. International plc	Buy	47,865.80	37,369 Ordinary Shares
1/5/2023	Morgan Stanley & Co. International plc	Buy	81,206.79	62,951 Ordinary Shares
1/5/2023	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	11,515 Ordinary Shares
1/5/2023	Morgan Stanley & Co. LLC	Increase in shares held or in respect of which the holder may exercise right to rehypot	N/A	518,797 Ordinary Shares

		hecate pursuant to the agreement(s)		
1/6/2023	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	6,796 Ordinary Shares
1/9/2023	Morgan Stanley & Co. International plc	Buy	1,231.98	962 Ordinary Shares
1/9/2023	Morgan Stanley & Co. International plc	Buy	54,465.22	42,200 Ordinary Shares
1/9/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	24,478,480 Ordinary Shares
1/9/2023	Morgan Stanley & Co. LLC	Increase in shares	N/A	518,797 Ordinary Shares

		held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
1/10/2023	Morgan Stanley & Co. International plc	Buy	645,645.00	500,000 Ordinary Shares
1/10/2023	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	4,187,057 Ordinary Shares

1/11/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,320 Swaps
1/11/2023	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	21,557,350 Ordinary Shares
1/11/2023	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the	N/A	6,427 Ordinary Shares

		agreement(s)		
1/12/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	3,093,113 Ordinary Shares
1/12/2023	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	3,775 Ordinary Shares
1/13/2023	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise	N/A	14,380 Ordinary Shares

		right to rehypothecate pursuant to the agreement(s)		
1/16/2023	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	556,691 Ordinary Shares
1/16/2023	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise	N/A	590 Ordinary Shares

		right to rehypothecate pursuant to the agreement(s)		
1/17/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	590 Ordinary Shares
1/18/2023	Morgan Stanley & Co. International plc	Buy	N/A	3,334 Swaps
1/18/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	8,848 Ordinary Shares
1/18/2023	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	N/A	24,469,509 Ordinary Shares

		ent(s)		
1/18/2023	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	8,848 Ordinary Shares