

## 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: 28 December, 2022

Date on which substantial holding began: 22 December, 2022

### **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: NZPPHE0001S6)

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

For this disclosure,—

- (a) total number held in class: 75,558,702
- (b) total in class: 1,141,775,519
- (c) total percentage held in class: 6.618%

### **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: 70,602,983
- (b) percentage held in class: 6.184%
- (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: 70,602,983
- (b) percentage held in class: 6.184%
- (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: 31,469,263
- (b) percentage held in class : 2.756%
- (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: 819,581
- (b) percentage held in class : 0.072%
- (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: 464,834
- (b) percentage held in class : 0.041%
- (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) has 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: 1,312,542
- (b) percentage held in class: 0.115%
- (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: 7,892,103
- (b) percentage held in class: 0.691%
- (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: 24,161,690
- (b) percentage held in class: 2.115%
- (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: 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: 726,858
- (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) has 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: 908,635
- (b) percentage held in class: 0.080%
- (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: 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
		9,969.58 (AUD)	Cash	1/31/2023
		497.92	Cash	10/31/2024
		4,478.72	Cash	2/22/2023
		79,007.55	Cash	6/27/2024
		9,070.08	Cash	3/28/2023
		284,119.72 (AUD)	Cash	8/15/2024
		707,853.95 (AUD)	Cash	10/16/2023
Morgan Stanley & Co. International plc	Swap Agreement	937,646.82	Cash	2/19/2024

**Annexure C**  
**Transaction details for the Morgan Stanley group**

<b>Date of Transaction</b>	<b>Holder of Relevant Interest</b>	<b>Transaction Nature</b>	<b>Consideration</b>	<b>Class and number of securities</b>
08/24/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,100 Swaps
08/24/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,353 Swaps
08/25/2022	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	348,737 Ordinary Shares
08/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,207 Swaps
08/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	245 Swaps
08/26/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,519 Swaps
08/26/2022	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	21,620 Ordinary Shares
08/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,366 Swaps
08/26/2022	Morgan Stanley Capital	Buy	N/A	3,542 Swaps

	Services LLC			
08/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,174 Swaps
08/29/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,845 Swaps
08/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,415 Swaps
08/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	38 Swaps
08/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4 Swaps
08/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,094 Swaps
08/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,304 Swaps
08/30/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,300 Swaps
08/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	182 Swaps
08/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,148 Swaps

08/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,907 Swaps
08/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,958 Swaps
08/31/2022	Morgan Stanley & Co. International plc	Buy	2,042.88	1,596 Ordinary Shares
08/31/2022	Morgan Stanley & Co. International plc	Buy	6,565.12	5,129 Ordinary Shares
08/31/2022	Morgan Stanley & Co. International plc	Buy	N/A	937 Swaps
08/31/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17 Swaps
08/31/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,637 Swaps
09/01/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,300 Swaps
09/01/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,553 Swaps
09/01/2022	Morgan Stanley Capital Services LLC	Buy	N/A	49 Swaps
09/02/2022	Morgan Stanley & Co.	Buy	N/A	7,804 Swaps

	International plc			
09/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,419 Swaps
09/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	250 Swaps
09/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,128 Swaps
09/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,379 Swaps
09/05/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,391 Swaps
09/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	149 Swaps
09/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,459 Swaps
09/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,377 Swaps
09/06/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,085 Swaps
09/07/2022	Morgan Stanley Capital	Buy	N/A	2,768 Swaps



	Services LLC			
09/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	214 Swaps
09/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,371 Swaps
09/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
09/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,140 Swaps
09/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,906 Swaps
09/12/2022	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	419,902 Ordinary Shares
09/13/2022	Morgan Stanley & Co. International plc	Buy	2,548.20	2,055 Ordinary Shares
09/13/2022	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	4,299 Ordinary Shares
09/14/2022	Morgan Stanley & Co. International plc	Borrow	N/A	25,394 Ordinary Shares
09/14/2022	Morgan Stanley & Co. International	Increase in shares held or in respect of which the holder may exercise right to	N/A	43,805 Ordinary Shares

	plc	rehypothecate pursuant to the agreement(s)		
09/14/2022	Morgan Stanley & Co. LLC	Borrow	N/A	16,861 Ordinary Shares
09/15/2022	Morgan Stanley & Co. International plc	Borrow	N/A	3,245 Ordinary Shares
09/15/2022	Morgan Stanley & Co. International plc	Buy	24,610.74	22,378 Ordinary Shares
09/15/2022	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	5,300 Ordinary Shares
09/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	19,570 Swaps
09/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	42,484 Swaps
09/16/2022	Morgan Stanley & Co. International plc	Borrow	N/A	36,761 Ordinary Shares
09/16/2022	Morgan Stanley & Co. International plc	Buy	267.3	243 Ordinary Shares
09/16/2022	Morgan Stanley & Co. International plc	Buy	N/A	49,524 Swaps
09/16/2022	Morgan Stanley & Co. International	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to	N/A	64,222 Ordinary Shares

	plc	the agreement(s)		
09/16/2022	Morgan Stanley & Co. LLC	Borrow	N/A	23,724 Ordinary Shares
09/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17,246 Swaps
09/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17,886 Swaps
09/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	21,234 Swaps
09/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,056 Swaps
09/19/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,801 Swaps
09/19/2022	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	429,648 Ordinary Shares
09/19/2022	Morgan Stanley & Co. LLC	Borrow	N/A	519,418 Ordinary Shares
09/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	11,734 Swaps
09/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,694 Swaps

09/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,549 Swaps
09/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,135 Swaps
09/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,333 Swaps
09/20/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,101 Swaps
09/20/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,780 Swaps
09/20/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,823 Swaps
09/20/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
09/21/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,270 Swaps
09/21/2022	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	22,542 Ordinary Shares
09/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,429 Swaps

09/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,540 Swaps
09/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,046 Swaps
09/21/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,341 Swaps
09/23/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,800 Swaps
09/23/2022	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	570,547 Ordinary Shares
09/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	11,659 Swaps
09/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
09/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,823 Swaps
09/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,519 Swaps
09/23/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,687 Swaps

09/26/2022	Morgan Stanley & Co. International plc	Buy	N/A	8,400 Swaps
09/26/2022	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	42,345 Ordinary Shares
09/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,166 Swaps
09/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	51 Swaps
09/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	593 Swaps
09/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,346 Swaps
09/27/2022	Morgan Stanley & Co. International plc	Borrow	N/A	43,000 Ordinary Shares
09/27/2022	Morgan Stanley & Co. International plc	Buy	987.39	914 Ordinary Shares
09/27/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,988 Swaps
09/27/2022	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	84,007 Ordinary Shares

09/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,212 Swaps
09/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,325 Swaps
09/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,001 Swaps
09/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,782 Swaps
09/27/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,293 Swaps
09/28/2022	Morgan Stanley & Co. International plc	Borrow	N/A	90,000 Ordinary Shares
09/28/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,700 Swaps
09/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,453 Swaps
09/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,657 Swaps
09/28/2022	Morgan Stanley Capital Services LLC	Buy	N/A	741 Swaps
09/28/2022	Morgan Stanley	Buy	N/A	8,032 Swaps

	Capital Services LLC			
09/29/2022	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	15,531 Ordinary Shares
09/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,151 Swaps
09/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,595 Swaps
09/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,013 Swaps
09/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,230 Swaps
09/30/2022	Morgan Stanley & Co. International plc	Borrow	N/A	42,000 Ordinary Shares
09/30/2022	Morgan Stanley & Co. International plc	Buy	N/A	44 Swaps
09/30/2022	Morgan Stanley & Co. LLC	Borrow	N/A	40,126 Ordinary Shares
09/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	84 Swaps
09/30/2022	Morgan Stanley Capital	Buy	N/A	9,378 Swaps



	Services LLC			
10/03/2022	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	88,547 Ordinary Shares
10/03/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,505 Swaps
10/03/2022	Morgan Stanley Capital Services LLC	Buy	N/A	837 Swaps
10/04/2022	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
10/04/2022	Morgan Stanley & Co. LLC	Borrow	N/A	156,137 Ordinary Shares
10/04/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,331 Swaps
10/04/2022	Morgan Stanley Capital Services LLC	Buy	N/A	380 Swaps
10/05/2022	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	8,541 Ordinary Shares
10/06/2022	Morgan Stanley & Co. International plc	Buy	N/A	322 Swaps
10/06/2022	Morgan Stanley Capital	Buy	N/A	3,669 Swaps

	Services LLC			
10/07/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,346 Swaps
10/07/2022	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
10/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	12 Swaps
10/07/2022	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	Buy	N/A	26,327 Swaps

	plc			
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 agreement(s)	N/A	17,427 Ordinary Shares
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	Buy	N/A	651 Swaps

	Services LLC			
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 holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	9,733 Ordinary Shares
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.	Buy	706.1	614 Ordinary Shares

	International plc			
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 holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	60,201 Ordinary Shares
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 shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	66,726 Ordinary Shares
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
11/01/2022	Morgan Stanley & Co. International plc	Buy	402.87	316 Ordinary Shares

11/01/2022	Morgan Stanley & Co. International plc	Buy	7,810.50	6,150 Ordinary Shares
11/01/2022	Morgan Stanley & Co. International plc	Buy	44,868.20	35,294 Ordinary Shares
11/01/2022	Morgan Stanley & Co. International plc	Buy	45,756.58	36,000 Ordinary Shares
11/01/2022	Morgan Stanley & Co. International plc	Buy	400,083.57	314,869 Ordinary Shares
11/01/2022	Morgan Stanley & Co. International plc	Buy	668,221.59	528,003 Ordinary Shares
11/01/2022	Morgan Stanley & Co. International plc	Buy	1,271,905.00	1,000,000 Ordinary Shares
11/01/2022	Morgan Stanley & Co. International plc	Buy	4,420,678.70	3,477,372 Ordinary Shares
11/01/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,284 Swaps
11/02/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,450,000 Ordinary Shares
11/02/2022	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

11/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,655 Swaps
11/03/2022	Morgan Stanley & Co. International plc	Buy	261,887.04	205,258 Ordinary Shares
11/03/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	12,525,305 Ordinary Shares
11/03/2022	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
11/03/2022	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	449,988 Ordinary Shares
11/03/2022	Morgan Stanley Capital Services LLC	Buy	N/A	13,840 Swaps
11/03/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,938 Swaps
11/03/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,992 Swaps
11/04/2022	Morgan Stanley & Co. International plc	Buy	4,225.29	3,327 Ordinary Shares
11/04/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,225,212 Ordinary Shares



11/04/2022	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	11,644 Ordinary Shares
11/04/2022	Morgan Stanley Capital Services LLC	Buy	N/A	12,722 Swaps
11/04/2022	Morgan Stanley Capital Services LLC	Buy	N/A	18,639 Swaps
11/07/2022	Morgan Stanley & Co. International plc	Buy	5,139.48	4,044 Ordinary Shares
11/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,616 Swaps
11/08/2022	Morgan Stanley & Co. International plc	Buy	13,704.79	10,724 Ordinary Shares
11/08/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	10,792,859 Ordinary Shares
11/09/2022	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 may exercise right to rehypothecate pursuant to the agreement(s)	N/A	59,558 Ordinary Shares
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. International plc	Buy	172,327.75	134,000 Ordinary 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	Buy	23,373.79	18,248 Ordinary Shares

	plc			
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	11,558 Ordinary Shares
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 in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	12,741 Ordinary Shares
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. International plc	Collateral Received	N/A	4,677,493 Ordinary 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(s)	N/A	5,178 Ordinary Shares
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 right to rehypothecate pursuant to the agreement(s)	N/A	4,705,160 Ordinary Shares
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	Buy	8,719.06	6,807 Ordinary Shares

	plc			
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(s)	N/A	4,322 Ordinary Shares
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. 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	19,741,546 Ordinary Shares
11/28/2022	Morgan Stanley	Buy	N/A	11,331 Swaps

	Capital Services LLC			
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 agreement(s)	N/A	143,265 Ordinary Shares
11/30/2022	Morgan Stanley	Buy	N/A	12,845 Swaps

	Capital Services LLC			
11/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	137 Swaps
12/01/2022	Morgan Stanley & Co. International plc	Buy	160,234.97	125,096 Ordinary Shares
12/01/2022	Morgan Stanley & Co. International plc	Buy	N/A	44,071 Swaps
12/01/2022	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
12/01/2022	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	606,652 Ordinary Shares
12/02/2022	Morgan Stanley & Co. International plc	Buy	3,407.18	2,660 Ordinary Shares
12/02/2022	Morgan Stanley & Co. International plc	Buy	8,505.70	6,643 Ordinary Shares
12/02/2022	Morgan Stanley & Co. International plc	Buy	N/A	180 Swaps
12/02/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	26 Ordinary Shares
12/02/2022	Morgan Stanley & Co.	Increase in shares held or in respect of which the holder	N/A	249,974 Ordinary



	International plc	may exercise right to rehypothecate pursuant to the agreement(s)		Shares
12/05/2022	Morgan Stanley & Co. International plc	Buy	15,352.82	11,986 Ordinary Shares
12/05/2022	Morgan Stanley & Co. International plc	Buy	N/A	55,474 Swaps
12/05/2022	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
12/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	68 Swaps
12/06/2022	Morgan Stanley & Co. International plc	Buy	30,331.62	23,680 Ordinary Shares
12/06/2022	Morgan Stanley & Co. International plc	Buy	N/A	39,557 Swaps
12/06/2022	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
12/06/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,251 Swaps
12/07/2022	Morgan Stanley & Co. International plc	Buy	12,642.44	9,870 Ordinary Shares

12/07/2022	Morgan Stanley & Co. International plc	Buy	21,028.31	16,426 Ordinary Shares
12/07/2022	Morgan Stanley & Co. International plc	Buy	21,028.31	16,426 Ordinary Shares
12/07/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	193 Ordinary Shares
12/07/2022	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
12/07/2022	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
12/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,340 Swaps
12/08/2022	Morgan Stanley & Co. International plc	Buy	17,929.98	13,998 Ordinary Shares
12/08/2022	Morgan Stanley & Co. International plc	Buy	20,300.38	15,765 Ordinary Shares
12/08/2022	Morgan Stanley & Co. International plc	Buy	20,300.38	15,765 Ordinary Shares
12/08/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	5,103,964 Ordinary Shares

12/08/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	8,347 Ordinary Shares
12/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	175 Swaps
12/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,271 Swaps
12/09/2022	Morgan Stanley & Co. International plc	Buy	3,289.23	2,549 Ordinary Shares
12/09/2022	Morgan Stanley & Co. International plc	Buy	32,229.91	25,162 Ordinary Shares
12/09/2022	Morgan Stanley & Co. International plc	Buy	64,952.79	50,351 Ordinary Shares
12/09/2022	Morgan Stanley & Co. International plc	Buy	64,957.95	50,355 Ordinary Shares
12/09/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	5,112,479 Ordinary Shares
12/09/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	53,302 Ordinary Shares
12/12/2022	Morgan Stanley & Co. International	Buy	2,814.32	2,198 Ordinary Shares

	plc			
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 agreement(s)	N/A	13,892 Ordinary Shares
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 rehypothecate pursuant to the agreement(s)	N/A	32,752 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 rehypothecate pursuant to the agreement(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	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	185,000 Ordinary Shares

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 the holder may exercise right to rehypothecate pursuant to the agreement(s)	N/A	245,000 Ordinary Shares
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 to the agreement(s)	N/A	6,454 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 to the agreement(s)	N/A	8,000 Ordinary Shares
12/16/2022	Morgan Stanley & Co.	Increase in shares held or in respect of which the holder may exercise right to	N/A	951,000 Ordinary Shares

	LLC	rehypothecate pursuant 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(s)	N/A	151,900 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(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.	Buy	42,172.89	32,743 Ordinary Shares

	International plc			
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 may exercise right to rehypothecate pursuant to the agreement(s)	N/A	1,533,266 Ordinary Shares
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 right to rehypothecate pursuant to the agreement(s)	N/A	338 Ordinary Shares