

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: 1 December, 2022

Date on which substantial holding began: 28 November, 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: 65,010,234
- (b) total in class: 1,141,144,570
- (c) total percentage held in class: 5.697%

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: 4,911,074
- (b) percentage held in class: 0.430%
- (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: 60,099,160
- (b) percentage held in class: 5.267%
- (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: 4,911,074
- (b) percentage held in class : 0.430%
- (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: 60,099,160
- (b) percentage held in class: 5.267%
- (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)
01-Aug-2022	First Sentier Investors (Australia) IM Ltd	BUY	Ordinary Shares	24,745	32,168.50
15-Aug-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-8,155	-10,193.75
16-Aug-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-5,918	-7,515.86
22-Aug-2022	First Sentier Investors (Australia) IM Ltd	SELL	Ordinary Shares	-5,836	-7,761.88
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 Investor	SELL	Ordinary Shares	-937,347	-1,190,430.69

	rs Realind ex Pty Ltd				
31-Aug-2022	First Sentier Investo rs (Austral ia) IM Ltd	SELL	Ordinary Shares	-5,909	-7,563.52
07-Sep-2022	First Sentier Investo rs (Austral ia) IM Ltd	SELL	Ordinary Shares	- 48,000	-60,000.00
09-Sep-2022	First Sentier Investo rs (Austral ia) IM Ltd	SELL	Ordinary Shares	-7,930	-10,071.10
15-Sep-2022	First Sentier Investo rs (Austral ia) IM Ltd	SELL	Ordinary Shares	- 84,318	-92,505.28
16-Sep-2022	First Sentier Investo rs (Austral ia) IM Ltd	BUY	Ordinary Shares	5,079	5,586.90
23-Sep-2022	First Sentier Investo rs (Austral ia) IM Ltd	BUY	Ordinary Shares	19,028	20,930.80
05-Oct-2022	First Sentier Investo rs (Austral ia) 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

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: 23,395,357
- (b) percentage held in class : 2.050%
- (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: 605,729
- (b) percentage held in class : 0.053%
- (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: 474,474
- (b) percentage held in class : 0.042%
- (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: 9,241,661
- (b) percentage held in class: 0.810%
- (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: 22,933,977
- (b) percentage held in class: 2.010%
- (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: 571,452
- (b) percentage held in class: 0.050%
- (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: 449,988
- (b) percentage held in class: 0.039%
- (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: 460
- (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: 933,967
- (b) percentage held in class: 0.082%
- (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
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		Notional Value of the Derivative	Settlement Type	Expiry Date of the Derivative
Morgan Stanley Capital Services LLC	Swap Agreement	1,328.75	Cash	3/28/2023
		1.25		4/12/2024
		3,830.40 (AUD)		7/31/2024
		9,383.11 (AUD)		1/31/2023
		486.25		10/31/2024
		33,756.15 (AUD)		10/31/2024
		7,644.10		2/22/2023
		23,095.00		3/28/2023
		301,607.23 (AUD)		8/15/2024
		719,085.58 (AUD)		10/16/2023
Morgan Stanley & Co. International plc	Swap Agreement	418,530.90	Cash	2/19/2024
		174,076.11 (AUD)		7/10/2023

Annexure C
Transaction details for the Morgan Stanley group

Date of Transaction	Holder of Relevant Interest	Transaction Nature	Consideration	Class and number of securities
7/29/2022	Morgan Stanley & Co. International plc	Buy	3,957.96	3,069 Ordinary Shares
7/29/2022	Morgan Stanley & Co. International plc	Buy	9,622.50	7,460 Ordinary Shares
7/29/2022	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	689,645 Ordinary Shares
7/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,885 Swaps
8/1/2022	Morgan Stanley & Co. International plc	Borrow	N/A	54,456 Ordinary Shares
8/1/2022	Morgan Stanley & Co. International plc	Buy	1,096.89	848 Ordinary Shares

8/2/2022	Morgan Stanley & Co. International plc	Borrow	N/A	113,860 Ordinary Shares
8/4/2022	Morgan Stanley & Co. International plc	Borrow	N/A	81,786 Ordinary Shares
8/4/2022	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	410,395 Ordinary Shares
8/04/2022	Morgan Stanley Capital Services LLC	Buy	N/A	243 Swaps
8/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	530 Swaps
8/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,231 Swaps
8/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,097 Swaps
8/9/2022	Morgan Stanley & Co. International plc	Increase in	N/A	391,671 Ordinary Shares

		shares held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
8/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,044 Swaps
8/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,522 Swaps
8/10/2022	Morgan Stanley & Co. International plc	Buy	N/A	5,702 Swaps
8/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,779 Swaps
8/10/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,746 Swaps
8/11/2022	Morgan Stanley & Co. International plc	Buy	N/A	1 Swap
8/11/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,033 Swaps
8/11/2022	Morgan Stanley Capital	Buy	N/A	408 Swaps

	Services LLC			
8/12/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,480 Swaps
8/12/2022	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	485,531 Ordinary Shares
8/12/2022	Morgan Stanley Capital Services LLC	Buy	N/A	221 Swaps
8/15/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to	N/A	50,344 Ordinary Shares

		rehypothecate pursuant to the agreement(s)		
8/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
8/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	436 Swaps
8/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	85,084 Swaps
8/16/2022	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	26,323 Ordinary Shares
8/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	8,581 Swaps

8/17/2022	Morgan Stanley & Co. International plc	Borrow	N/A	181 Ordinary Shares
8/17/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
8/18/2022	Morgan Stanley & Co. International plc	Borrow	N/A	368,077 Ordinary Shares
8/18/2022	Morgan Stanley Capital Services LLC	Buy	N/A	14,712 Swaps
8/18/2022	Morgan Stanley Capital Services LLC	Buy	N/A	479 Swaps
8/19/2022	Morgan Stanley Capital Services LLC	Buy	N/A	847 Swaps
8/22/2022	Morgan Stanley Capital Services LLC	Buy	N/A	34 Swaps
8/22/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,217 Swaps
8/24/2022	Morgan Stanley & Co. International plc	Buy	N/A	1,100 Swaps
8/24/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,353 Swaps
8/25/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may	N/A	348,737 Ordinary Shares

		exercise right to rehypothecate pursuant to the agreement(s)		
8/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,207 Swaps
8/25/2022	Morgan Stanley Capital Services LLC	Buy	N/A	245 Swaps
8/26/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,519 Swaps
8/26/2022	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
8/26/2022	Morgan Stanley Capital	Buy	N/A	1,366 Swaps

	Services LLC			
8/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,542 Swaps
8/26/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,174 Swaps
8/29/2022	Morgan Stanley & Co. International plc	Buy	N/A	9,845 Swaps
8/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,415 Swaps
8/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	38 Swaps
8/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4 Swaps
8/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	4,094 Swaps
8/29/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,304 Swaps
8/30/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,300 Swaps
8/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	182 Swaps
8/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,148 Swaps
8/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,907 Swaps
8/30/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,958 Swaps

8/31/2022	Morgan Stanley & Co. International plc	Buy	2,042.88	1,596 Ordinary Shares
8/31/2022	Morgan Stanley & Co. International plc	Buy	6,565.12	5,129 Ordinary Shares
8/31/2022	Morgan Stanley & Co. International plc	Buy	N/A	937 Swaps
8/31/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17 Swaps
8/31/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,637 Swaps
9/01/2022	Morgan Stanley & Co. International plc	Buy	N/A	3,300 Swaps
9/01/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,553 Swaps
9/01/2022	Morgan Stanley Capital Services LLC	Buy	N/A	49 Swaps
9/02/2022	Morgan Stanley & Co. International plc	Buy	N/A	7,804 Swaps
9/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,419 Swaps
9/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	250 Swaps
9/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,128 Swaps
9/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	7,379 Swaps
9/05/2022	Morgan Stanley & Co.	Buy	N/A	5,391 Swaps

	International plc			
9/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	149 Swaps
9/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,459 Swaps
9/05/2022	Morgan Stanley Capital Services LLC	Buy	N/A	6,377 Swaps
9/06/2022	Morgan Stanley Capital Services LLC	Buy	N/A	10,085 Swaps
9/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2,768 Swaps
9/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	214 Swaps
9/07/2022	Morgan Stanley Capital Services LLC	Buy	N/A	3,371 Swaps
9/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	2 Swaps
9/08/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,140 Swaps
9/09/2022	Morgan Stanley Capital Services LLC	Buy	N/A	1,906 Swaps
9/12/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the	N/A	419,902 Ordinary Shares

		holder may exercise right to rehypothecate pursuant to the agreement(s)		
9/13/2022	Morgan Stanley & Co. International plc	Buy	2,548.20	2,055 Ordinary Shares
9/13/2022	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
9/14/2022	Morgan Stanley & Co. International plc	Borrow	N/A	25,394 Ordinary Shares
9/14/2022	Morgan Stanley & Co. International plc	Increase in shares	N/A	43,805 Ordinary Shares

		held or in respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
9/14/2022	Morgan Stanley & Co. LLC	Borrow	N/A	16,861 Ordinary Shares
9/15/2022	Morgan Stanley & Co. International plc	Borrow	N/A	3,245 Ordinary Shares
9/15/2022	Morgan Stanley & Co. International plc	Buy	24,610.74	22,378 Ordinary Shares
9/15/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate	N/A	5,300 Ordinary Shares

		pursuant to the agreement(s)		
9/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	19,570 Swaps
9/15/2022	Morgan Stanley Capital Services LLC	Buy	N/A	42,484 Swaps
9/16/2022	Morgan Stanley & Co. International plc	Borrow	N/A	36,761 Ordinary Shares
9/16/2022	Morgan Stanley & Co. International plc	Buy	267.3	243 Ordinary Shares
9/16/2022	Morgan Stanley & Co. International plc	Buy	N/A	49,524 Swaps
9/16/2022	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	64,222 Ordinary Shares

9/16/2022	Morgan Stanley & Co. LLC	Borrow	N/A	23,724 Ordinary Shares
9/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17,246 Swaps
9/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	17,886 Swaps
9/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	21,234 Swaps
9/16/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,056 Swaps
9/19/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,801 Swaps
9/19/2022	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
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 Services LLC	Buy	N/A	2 Swaps
9/21/2022	Morgan Stanley & Co. International plc	Buy	N/A	4,270 Swaps
9/21/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may	N/A	22,542 Ordinary Shares

		exercise right to rehypothecate pursuant to the agreement(s)		
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 & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypothecate pursuant	N/A	570,547 Ordinary Shares

		t to the agreement(s)		
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	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	N/A	42,345 Ordinary Shares

		ent(s)		
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 & 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	84,007 Ordinary Shares

		ent(s)		
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 Services LLC	Buy	N/A	4,453 Swaps
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 & Co. International plc	Increase in shares held or in respect	N/A	15,531 Ordinary Shares

		of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
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	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
10/4/2022	Morgan Stanley & Co. International plc	Increase in shares held or in respect of which the holder may exercise right to rehypot	N/A	87,504 Ordinary Shares

		hecate pursuan t to the agreem ent(s)		
10/4/2022	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
10/5/2022	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	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
10/7/2022	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
10/07/2022	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 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 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 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	N/A	30,448 Ordinary Shares

		respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
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. 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	N/A	762,985 Ordinary Shares

		respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
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 rehypot	N/A	575,249 Ordinary Shares

		hecate pursuan t to the agreem ent(s)		
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	17,254,03 6.80	13,680,000 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	3,783,780 .00	3,000,000 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	649,217.3 6	514,840 Ordinary Shares
10/31/2022	Morgan Stanley & Co. International plc	Increas e in shares held or in respect of which the holder may exercise right to rehypot hecate pursuan	N/A	66,726 Ordinary Shares

		t 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	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 & Co. International plc	Buy	400,083.57	314,869 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	402.87	316 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	668,221.59	528,003 Ordinary Shares
11/1/2022	Morgan Stanley & Co. International plc	Buy	7,810.50	6,150 Ordinary Shares
11/01/2022	Morgan Stanley Capital Services LLC	Buy	N/A	5,284 Swaps
11/2/2022	Morgan Stanley & Co. International plc	Collateral Receive	N/A	5,450,000 Ordinary Shares

		d		
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
11/02/2022	Morgan Stanley Capital Services LLC	Buy	N/A	9,655 Swaps
11/3/2022	Morgan Stanley & Co. International plc	Buy	261,887.04	205,258 Ordinary 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	N/A	503,931 Ordinary Shares

		the holder may exercise right to rehypothecate pursuant to the agreement(s)		
11/3/2022	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	Buy	N/A	8,992 Swaps

	Services LLC			
11/4/2022	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,225,212 Ordinary Shares
11/4/2022	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	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
11/7/2022	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
11/8/2022	Morgan Stanley & Co.	Buy	13,704.79	10,724 Ordinary

	International plc			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	N/A	16,392,577 Ordinary Shares

		respect of which the holder may exercise right to rehypothecate pursuant to the agreement(s)		
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	N/A	14,727 Ordinary Shares

		may exercise right to rehypothecate pursuant to the agreement(s)		
11/16/2022	Morgan Stanley & Co. International plc	Buy	23,373.79	18,248 Ordinary Shares
11/16/2022	Morgan Stanley & Co. International plc	Buy	303.15	235 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	11,558 Ordinary Shares
11/16/2022	Morgan Stanley & Co. International plc	Increase in shares held or	N/A	788 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	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.	Increase	N/A	2,883,000 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
11/18/2022	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.	Buy	58,639.42	45,780 Ordinary

	International plc			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	N/A	167,641 Ordinary Shares

		holder may exercise right to rehypot hecate pursuan t to the agreem ent(s)		
11/24/2022	Morgan Stanley & Co. International plc	Increase 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	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 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(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	156,096.3 9	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

		d		
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	N/A	19,741,546 Ordinary Shares

		ent(s)		
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