



ASX Market Announcement Office
via email maogroup@asx.com.au

To whom it may concern,

Altium Ltd - ASIC form 603

Please find attached completed form for the above ASX listed entity. A copy of this was emailed to the company on 26 April 2024.

Yours faithfully,

Leon Stavrou
Managing Director, Country Executive

The Northern Trust Company
Level 12, 120 Collins Street
Melbourne VIC 3000 Australia
Phone: +61 3 9947 9300
ARBN: 126 279 918

Form 603

**Corporations Act 2001
Section 671B**

Notice of initial substantial holder

To Company Name/Scheme	ALTUM LTD Level 6, Tower B, The Zenith, 821 Pacific Highway, CHATSWOOD, NSW, AUSTRALIA, 2067
ACN/ARSN	009 568 772

1. Details of substantial holder (1)

Name	THE NORTHERN TRUST COMPANY
ACN/ARSN (if applicable)	Not Applicable
The holder became a substantial holder on	23/04/2024

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Fully paid ordinary shares	6,908,363	6,908,363	5.2%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
The Northern Trust Company	Power to control the voting and/or disposal of securities pursuant to its position as an investment manager in accordance with investment mandates	Fully paid ordinary shares (From Sec Lending) 6,601,462
Northern Trust Global Services SE	Power to control the disposal of securities pursuant to securities lending agreements	Fully paid ordinary shares (From Sec Lending) 0
Northern Trust Investments, Inc	Power to control the voting and/or disposal of securities pursuant to its position as an investment manager in accordance with investment mandates	Fully paid ordinary shares : 134,106
Northern Trust Global Investments Limited	Power to control the voting and/or disposal of securities pursuant to its position as an investment manager in accordance with investment mandates	Fully paid ordinary shares : 90,521
Northern Trust Asset Management Australia Pty Ltd	Power to control the voting and/or disposal of securities pursuant to its position as an investment manager in accordance with investment mandates	Fully paid ordinary shares : 82,274

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
The Northern Trust Company	Unknown – lent securities / collateral securities	Unknown lent securities / collateral	Fully paid ordinary shares (From Sec Lending) 6,601,462
Northern Trust Global Services SE	Unknown – lent securities / collateral securities	Unknown lent securities / collateral	Fully paid ordinary shares (From Sec Lending) 0
Northern Trust Investments, Inc	JP MORGAN CHASE, NORTHERN TRUST	Investment management client(s)	Fully paid ordinary shares : 134,106
Northern Trust Global Investments Limited	STATE STREET BANK, UBS SWITZERLAND AG, BNYM – LONDON, SSB LONDON, NT LONDON	Investment management client(s)	Fully paid ordinary shares : 90,521

Northern Trust Asset Management Australia Pty Ltd	JP MORGAN CHASE BNP PARIBAS	Investment management client(s)	Fully paid ordinary shares : 82,274
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5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
The Northern Trust Company	23/12/2023 to 23/04/2024 -Securities Lending	No consideration directly referable to the securities for which The Northern Trust Company acts as Securities Lending agent.		Refer to Appendices 1 and 2
Northern Trust Global Services SE	23/12/2023 to 23/04/2024 -Securities Lending	No consideration directly referable to the securities for which Northern Trust Global Services SE acts as Securities Lending agent.		Refer to Appendices 1 and 2
Northern Trust Investments, Inc	24/12/2023 to 24/04/2024	Refer to Appendix 2		Refer to Appendix 2
Northern Trust Global Investments Limited	24/12/2023 to 24/04/2024	Refer to Appendix 2		Refer to Appendix 2
Northern Trust Asset Management Australia Pty Ltd	24/12/2023 to 24/04/2024	Refer to Appendix 2		Refer to Appendix 2

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
The Northern Trust Company	Subsidiary of Northern Trust Corporation
Northern Trust Global Services SE	Subsidiary of Northern Trust Corporation
The Northern Trust Company Hong Kong Limited	Subsidiary of Northern Trust Corporation
Northern Trust Investments, Inc	Subsidiary of Northern Trust Corporation
Northern Trust Global Investments Limited	Subsidiary of Northern Trust Corporation
Northern Trust Asset Management Australia Pty Ltd	Subsidiary of Northern Trust Corporation

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
The Northern Trust Company	50 LaSalle Street, Chicago, IL 60603
Northern Trust Global Services SE	6 rue Lou Hemmer Senningerberg, 1748 Grand-Duché de Luxembourg, Luxembourg
The Northern Trust Company Hong Kong Limited	88 Queensway Suite 1901, 19th Floor, Two Pacific Place Admiralty, Hong Kong
Northern Trust Investments, Inc	50 S LaSalle St, Chicago, IL 60603
Northern Trust Global Investments Limited	50 Bank Street, Canary Wharf, London E14 5NT
Northern Trust Asset Management Australia Pty Ltd	Level 13, 120 Collins Street, Melbourne, Victoria, Australia 3000

Signature

print name

Leon Stavrou

capacity

Senior Vice President

sign here



date

26/04/2024

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (e.g. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (e.g. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

Name The Northern Trust Company

ACN/ARSN (if applicable) Not applicable

This is Appendix 1 of 2 referred to in Form 603 Notice of initial substantial holder

Page 1 of 2

Type of Agreement	Global Master Securities Lending Agreement 2010
Parties to Agreement	The Northern Trust Company (Lender) & UBS SECURITIES AUSTRALIA LTD
Transfer Date	Refer to Appendix 2
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights? (yes/no, if yes detail)	No
Schedule return date (if any)	NA
Does the borrower have the right to return early? (yes/no, if yes detail)	Yes, the borrower may return borrowed securities upon giving notice
Does the lender have the right to recall? (yes/no, if yes detail)	Yes, the lender may recall lent securities upon giving notice
Will the securities be returned on settlement? (yes/no, if yes detail any exceptions)	On recall of the securities loan by the securities lender

Type of Agreement	Global Master Securities Lending Agreement 2010
Parties to Agreement	The Northern Trust Company (Lender) & CITIGROUP GLOBAL MARKETS LIMITED
Transfer Date	Refer to Appendix 2
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights? (yes/no, if yes detail)	No
Schedule return date (if any)	NA
Does the borrower have the right to return early? (yes/no, if yes detail)	Yes, the borrower may return borrowed securities upon giving notice
Does the lender have the right to recall? (yes/no, if yes detail)	Yes, the lender may recall lent securities upon giving notice
Will the securities be returned on settlement? (yes/no, if yes detail any exceptions)	On recall of the securities loan by the securities lender

Type of Agreement	Global Master Securities Lending Agreement 2010
Parties to Agreement	The Northern Trust Company (Lender) & MACQUARIE BANK LIMITED
Transfer Date	Refer to Appendix 2
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights? (yes/no, if yes detail)	No
Schedule return date (if any)	NA
Does the borrower have the right to return early? (yes/no, if yes detail)	Yes, the borrower may return borrowed securities upon giving notice
Does the lender have the right to recall? (yes/no, if yes detail)	Yes, the lender may recall lent securities upon giving notice
Will the securities be returned on settlement? (yes/no, if yes detail any exceptions)	On recall of the securities loan by the securities lender

Name	The Northern Trust Company
ACN/ARSN (if applicable)	Not applicable

This is Appendix 1 of 2 referred to in Form 603 Notice of initial substantial holder

Signature

print name	Leon Stavrou	capacity	Senior Vice President
sign here		date	26/04/2024

Date	Legal Entity	Borrower	Transaction	Nominal
Saturday, December 23, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	Balance	333,333
Saturday, December 23, 2023	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-304,672
Saturday, December 23, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	110,102
Saturday, December 23, 2023	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-50,918
Sunday, December 24, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	245,488
Sunday, December 24, 2023	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-304,672
Sunday, December 24, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	110,102
Sunday, December 24, 2023	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-50,918
Monday, December 25, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	245,488
Monday, December 25, 2023	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-304,672
Monday, December 25, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	110,102
Monday, December 25, 2023	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-50,918
Tuesday, December 26, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	245,488
Tuesday, December 26, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-333,333
Tuesday, December 26, 2023	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	66,858
Tuesday, December 26, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	71,905
Tuesday, December 26, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-138,763
Wednesday, December 27, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	328,333
Wednesday, December 27, 2023	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-261,475
Wednesday, December 27, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	71,905
Wednesday, December 27, 2023	The Northern Trust Company	NATIXIS S.A.	loan return	4,000
Thursday, December 28, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	189,570
Thursday, December 28, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-328,333
Friday, December 29, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	168,333
Friday, December 29, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-163,172
Saturday, December 30, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	163,172
Saturday, December 30, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-163,172
Sunday, December 31, 2023	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	163,172
Sunday, December 31, 2023	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-163,172
Monday, January 01, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	163,172
Monday, January 01, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-163,172
Monday, January 01, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-4,705

Tuesday, January 02, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	167,877
Tuesday, January 02, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-168,333
Tuesday, January 02, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	70,780
Wednesday, January 03, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	97,553
Wednesday, January 03, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-129,335
Thursday, January 04, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	129,335
Thursday, January 04, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-14,751
Friday, January 05, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-150,659
Friday, January 05, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	165,410
Friday, January 05, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	12,413
Saturday, January 06, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-177,823
Saturday, January 06, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	165,410
Saturday, January 06, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	12,413
Sunday, January 07, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-177,823
Sunday, January 07, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	165,410
Sunday, January 07, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	12,413
Monday, January 08, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-177,794
Monday, January 08, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral in	19,448
Monday, January 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	86,113
Monday, January 08, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	50,056
Monday, January 08, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	22,678
Tuesday, January 09, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-134,239
Tuesday, January 09, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-47,008
Tuesday, January 09, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	97,986
Tuesday, January 09, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	98,557
Tuesday, January 09, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-196,543
Wednesday, January 10, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	0
Wednesday, January 10, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	91,902
Wednesday, January 10, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	172,234
Thursday, January 11, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-168,808
Thursday, January 11, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	90,990
Thursday, January 11, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-20,983
Friday, January 12, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-151,209
Friday, January 12, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	74,484

Friday, January 12, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	97,708
Friday, January 12, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	174,149
Saturday, January 13, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-346,341
Saturday, January 13, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	74,484
Saturday, January 13, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	97,708
Saturday, January 13, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	174,149
Sunday, January 14, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-346,341
Sunday, January 14, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	74,484
Sunday, January 14, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	97,708
Sunday, January 14, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	174,149
Monday, January 15, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-360,467
Monday, January 15, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	85,526
Monday, January 15, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-85,526
Monday, January 15, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	168,230
Tuesday, January 16, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-145,830
Tuesday, January 16, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	59,163
Tuesday, January 16, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	755,696
Tuesday, January 16, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-638,414
Wednesday, January 17, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-198,845
Wednesday, January 17, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	82,467
Wednesday, January 17, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	781,961
Wednesday, January 17, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-864,428
Thursday, January 18, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	80,746
Thursday, January 18, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	783,682
Friday, January 19, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-783,760
Friday, January 19, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	783,760
Friday, January 19, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-790,966
Saturday, January 20, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	7,206
Saturday, January 20, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	783,760
Saturday, January 20, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-790,966
Sunday, January 21, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	7,206
Sunday, January 21, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	783,760
Sunday, January 21, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-790,966
Monday, January 22, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	4,319

Monday, January 22, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	786,647
Monday, January 22, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-362,281
Tuesday, January 23, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-424,843
Tuesday, January 23, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-70,358
Tuesday, January 23, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	854,695
Tuesday, January 23, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-861,641
Wednesday, January 24, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	77,189
Wednesday, January 24, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-70,243
Wednesday, January 24, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	866,048
Wednesday, January 24, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-421,646
Thursday, January 25, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-373,283
Thursday, January 25, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-78,065
Thursday, January 25, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	885,238
Thursday, January 25, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-439,080
Friday, January 26, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-368,093
Friday, January 26, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	807,173
Friday, January 26, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-439,080
Saturday, January 27, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-368,093
Saturday, January 27, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	807,173
Saturday, January 27, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-439,080
Sunday, January 28, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-368,093
Sunday, January 28, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	807,173
Sunday, January 28, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-439,080
Monday, January 29, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-277,825
Monday, January 29, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-168,333
Monday, January 29, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	418,371
Tuesday, January 30, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-418,371
Tuesday, January 30, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	19,961
Tuesday, January 30, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	352,169
Wednesday, January 31, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-203,797
Wednesday, January 31, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-168,333
Wednesday, January 31, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	139,841
Thursday, February 01, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-120,712
Thursday, February 01, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	149,204

Thursday, February 01, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-148,372
Thursday, February 01, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	88,441
Friday, February 02, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-108,402
Friday, February 02, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	168,333
Friday, February 02, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-148,372
Friday, February 02, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	83,006
Saturday, February 03, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	65,366
Saturday, February 03, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-148,372
Saturday, February 03, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	83,006
Sunday, February 04, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	65,366
Sunday, February 04, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-148,372
Sunday, February 04, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	83,006
Monday, February 05, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-102,967
Monday, February 05, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	19,961
Monday, February 05, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	49,969
Tuesday, February 06, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-715
Tuesday, February 06, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-69,215
Tuesday, February 06, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	69,215
Wednesday, February 07, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-7
Wednesday, February 07, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	13,532
Wednesday, February 07, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-65,853
Wednesday, February 07, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	4,081
Thursday, February 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-20,964
Thursday, February 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-4
Thursday, February 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	0
Thursday, February 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	0
Friday, February 09, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	69,037
Friday, February 09, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-69,036
Saturday, February 10, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	69,036
Saturday, February 10, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-69,036
Saturday, February 10, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-1
Sunday, February 11, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	69,037
Sunday, February 11, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-69,036
Monday, February 12, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	65,417

Monday, February 12, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-65,418
Tuesday, February 13, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	65,189
Wednesday, February 14, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	564
Thursday, February 15, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-14,685
Friday, February 16, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-59
Saturday, February 17, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	0
Sunday, February 18, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	0
Monday, February 19, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-51,009
Monday, February 19, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	47,223
Monday, February 19, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	59,563
Tuesday, February 20, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	159,047
Tuesday, February 20, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-265,833
Tuesday, February 20, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	66,793
Tuesday, February 20, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan details	3,567
Tuesday, February 20, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan details	2,433
Wednesday, February 21, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	199,040
Wednesday, February 21, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-113,559
Thursday, February 22, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-141,805
Thursday, February 22, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	255,364
Thursday, February 22, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-93,524
Thursday, February 22, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-172,309
Friday, February 23, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	0
Friday, February 23, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	265,833
Friday, February 23, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-265,833
Friday, February 23, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	42,596
Friday, February 23, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	69,534
Saturday, February 24, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	153,703
Saturday, February 24, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-223,237
Saturday, February 24, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	69,534
Sunday, February 25, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	153,703
Sunday, February 25, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-223,237
Sunday, February 25, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	69,534
Monday, February 26, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	153,703
Monday, February 26, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	380,512

Monday, February 26, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-646,345
Monday, February 26, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	0
Tuesday, February 27, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	265,833
Tuesday, February 27, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,076,710
Tuesday, February 27, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan return	3,567
Tuesday, February 27, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan return	2,433
Tuesday, February 27, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan return	3,567
Tuesday, February 27, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan return	2,433
Tuesday, February 27, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan details	2,433
Tuesday, February 27, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan details	3,567
Wednesday, February 28, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-1,152,432
Wednesday, February 28, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-190,111
Wednesday, February 28, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan return	2,433
Wednesday, February 28, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan return	3,567
Thursday, February 29, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	231,811
Friday, March 01, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-14,183
Saturday, March 02, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	0
Sunday, March 03, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	0
Monday, March 04, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-206,576
Monday, March 04, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-11,052
Tuesday, March 05, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	0
Tuesday, March 05, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	195,419
Wednesday, March 06, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-151
Thursday, March 07, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-171,314
Thursday, March 07, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	308,724
Thursday, March 07, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-96,410
Friday, March 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	133,232
Friday, March 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-369,500
Friday, March 08, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	236,267
Friday, March 08, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	454,571
Saturday, March 09, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-321,338
Saturday, March 09, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-133,233
Saturday, March 09, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	454,571
Sunday, March 10, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-321,338

Sunday, March 10, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-133,233
Sunday, March 10, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	454,571
Monday, March 11, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-337,286
Monday, March 11, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-97,299
Monday, March 11, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-256,253
Tuesday, March 12, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	339,425
Tuesday, March 12, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	44,563
Wednesday, March 13, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-49,664
Wednesday, March 13, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	640,588
Wednesday, March 13, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-632,882
Thursday, March 14, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	27,470
Thursday, March 14, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,160,041
Thursday, March 14, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-1,241,587
Friday, March 15, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	81,546
Friday, March 15, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-369,500
Friday, March 15, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	273,954
Saturday, March 16, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	95,546
Saturday, March 16, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-95,546
Sunday, March 17, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	95,546
Sunday, March 17, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-95,546
Monday, March 18, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	95,546
Monday, March 18, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-284,783
Monday, March 18, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	357,235
Monday, March 18, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	79,053
Tuesday, March 19, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-151,505
Tuesday, March 19, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-363,502
Tuesday, March 19, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	432,149
Tuesday, March 19, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-438,147
Tuesday, March 19, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	18,641
Wednesday, March 20, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	350,854
Wednesday, March 20, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	700,062
Wednesday, March 20, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-620,195
Wednesday, March 20, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	1,429,259
Wednesday, March 20, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-1,741,827

Thursday, March 21, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	232,706
Thursday, March 21, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	917,078
Thursday, March 21, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-999,671
Thursday, March 21, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	1,595,851
Thursday, March 21, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-1,882,758
Friday, March 22, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	369,500
Friday, March 22, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	282,660
Friday, March 22, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-160,607
Friday, March 22, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	1,375,730
Saturday, March 23, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-1,497,783
Saturday, March 23, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	282,660
Saturday, March 23, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-160,607
Saturday, March 23, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	1,375,730
Sunday, March 24, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-1,497,783
Sunday, March 24, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	282,660
Sunday, March 24, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-160,607
Sunday, March 24, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	1,375,730
Monday, March 25, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-1,497,783
Monday, March 25, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	547,532
Monday, March 25, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-423,794
Monday, March 25, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-493,238
Tuesday, March 26, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral in	14,823
Tuesday, March 26, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	354,677
Tuesday, March 26, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,788,245
Tuesday, March 26, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-1,548,509
Wednesday, March 27, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-609,236
Wednesday, March 27, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	369,500
Wednesday, March 27, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,787,859
Wednesday, March 27, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-1,465,815
Thursday, March 28, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-322,044
Thursday, March 28, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,203,368
Thursday, March 28, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-799,155
Friday, March 29, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-773,713
Friday, March 29, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,055,154

Friday, March 29, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-1,055,154
Saturday, March 30, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,055,154
Sunday, March 31, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	0
Monday, April 01, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-1,055,153
Monday, April 01, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	238,799
Monday, April 01, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,929,332
Monday, April 01, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-1,394,037
Tuesday, April 02, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-774,095
Tuesday, April 02, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	235,800
Tuesday, April 02, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,926,315
Tuesday, April 02, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-1,388,020
Wednesday, April 03, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-538,295
Wednesday, April 03, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-235,800
Wednesday, April 03, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	655,292
Wednesday, April 03, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-653,255
Wednesday, April 03, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	581,242
Thursday, April 04, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-347,479
Thursday, April 04, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	5,330
Thursday, April 04, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	218,415
Thursday, April 04, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-457,518
Thursday, April 04, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	662,973
Friday, April 05, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-429,200
Friday, April 05, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-235,800
Friday, April 05, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	710,364
Friday, April 05, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-708,365
Friday, April 05, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	663,001
Saturday, April 06, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-429,200
Saturday, April 06, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	474,564
Saturday, April 06, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-708,365
Saturday, April 06, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	663,001
Sunday, April 07, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-429,200
Sunday, April 07, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	474,564
Sunday, April 07, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-708,365
Sunday, April 07, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	663,001

Monday, April 08, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-429,200
Monday, April 08, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	368,570
Monday, April 08, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-602,354
Monday, April 08, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	206,553
Monday, April 08, 2024	The Northern Trust Company	JEFFERIES INTERNATIONAL LIMITED	loan details	3,500
Tuesday, April 09, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	27,231
Tuesday, April 09, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	427,571
Tuesday, April 09, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-661,369
Tuesday, April 09, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	97,672
Wednesday, April 10, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	136,126
Wednesday, April 10, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-98,212
Wednesday, April 10, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	462,174
Wednesday, April 10, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-597,767
Thursday, April 11, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	233,805
Thursday, April 11, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral out	-53,538
Thursday, April 11, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	660,594
Thursday, April 11, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral out	-840,835
Thursday, April 11, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral in	119,822
Friday, April 12, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	113,957
Friday, April 12, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-235,800
Friday, April 12, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	880,787
Friday, April 12, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-880,787
Friday, April 12, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	0
Saturday, April 13, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	235,800
Saturday, April 13, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	644,987
Sunday, April 14, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-644,987
Sunday, April 14, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	644,987
Monday, April 15, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-644,987
Monday, April 15, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	1,036,018
Monday, April 15, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-617,784
Monday, April 15, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,232,782
Tuesday, April 16, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-3,651,016
Tuesday, April 16, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	9,689
Tuesday, April 16, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	419,182

Tuesday, April 16, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,299,884
Wednesday, April 17, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-3,933,742
Wednesday, April 17, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	204,987
Wednesday, April 17, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	851,617
Wednesday, April 17, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral out	-369,516
Wednesday, April 17, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,287,698
Thursday, April 18, 2024	The Northern Trust Company	J.P. MORGAN SECURITIES PL	collateral out	-3,974,678
Thursday, April 18, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	204,879
Thursday, April 18, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	385,791
Thursday, April 18, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	94,046
Thursday, April 18, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,275,695
Thursday, April 18, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-3,744,554
Friday, April 19, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-10,978
Friday, April 19, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	385,791
Friday, April 19, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	96,745
Friday, April 19, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,399,444
Friday, April 19, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-3,994,611
Saturday, April 20, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	112,631
Saturday, April 20, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	385,791
Saturday, April 20, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	96,745
Saturday, April 20, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,399,444
Saturday, April 20, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-3,994,611
Sunday, April 21, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral in	112,631
Sunday, April 21, 2024	The Northern Trust Company	MORGAN STANLEY & CO. INTE	collateral in	385,791
Sunday, April 21, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	96,745
Sunday, April 21, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,399,444
Sunday, April 21, 2024	The Northern Trust Company	UBS SECURITIES AUSTRALIA	collateral out	-3,994,611
Monday, April 22, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral in	369,908
Monday, April 22, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-257,277
Monday, April 22, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	498,190
Monday, April 22, 2024	The Northern Trust Company	UBS AG, LONDON BRANCH	collateral in	3,942,730
Tuesday, April 23, 2024	The Northern Trust Company	CITIGROUP GLOBAL MARKETS	collateral out	-4,185,930
Tuesday, April 23, 2024	The Northern Trust Company	MACQUARIE BANK LIMITED	collateral out	-254,990
Tuesday, April 23, 2024	The Northern Trust Company	NATIONAL AUSTRALIA BANK L	collateral in	543,134

Tuesday, April 23, 2024

The Northern Trust Company

UBS AG, LONDON BRANCH

collateral in

4,313,504

Signature

print name	Leon Stavrou	capacity	Senior Vice President
sign here		date	26/04/2024

TRADE_DATE	Legal Entity	Ccy	Type of Transaction	Quantity	Price	Consideration
Wednesday, December 27, 2023	Northern Trust Investments, Inc	AUD	BUY	3,509.00	46.43000000	-162,971.75
Tuesday, March 26, 2024	Northern Trust Global Investments Limited	AUD	SELL	-219.00	65.14330000	14,262.10
Monday, April 15, 2024	Northern Trust Investments, Inc	AUD	SELL	-675.00	65.51000000	44,205.98
Thursday, February 01, 2024	Northern Trust Global Investments Limited	AUD	BUY	1,541.00	49.60000000	-76,456.53
Monday, March 18, 2024	Northern Trust Global Investments Limited	AUD	BUY	2,017.00	65.21000000	-131,568.03
Friday, March 15, 2024	Northern Trust Global Investments Limited	AUD	SELL	-2,732.00	65.05000000	177,716.60
Tuesday, April 09, 2024	Northern Trust Global Investments Limited	AUD	SELL	-199.00	65.26340000	12,983.52
Thursday, February 29, 2024	Northern Trust Investments, Inc	AUD	SELL	-1,266.00	64.76000000	81,986.16
Friday, December 29, 2023	Northern Trust Asset Management Australia Pty Ltd	AUD	SELL	-1,350.00	46.85000000	63,226.63

Signature

print name

Leon Stavrou

capacity

Senior Vice President

sign here

date