

**Form 603**Corporations Act 2001  
Section 671B**Notice of initial substantial holder**

To Company Name/Scheme Rio Tinto Limited

ACN/ARSN 004 458 404

**1. Details of substantial holder (1)**

Name State Street Corporation and subsidiaries named in Annexures to this form

ACN/ARSN (if applicable) \_\_\_\_\_

The holder became a substantial holder on 04/11/2021

**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)
Ordinary	19,832,353	19,832,353	5.34%

**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
Annexure A		

**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
Annexure A			

**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	
Annexure B & D				

**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
Annexure A	

**7. Addresses**

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

Name	Address
Annexure C	

**Signature**

print name **Elizabeth Schaefer**

Capacity: **Authorised signatory**

sign here

date 08/11/2021

**DIRECTIONS**

- (1) If there are a number of substantial holders with similar or related relevant interests (eg 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 (eg 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.

8 November 2021

Elizabeth Schaefer  
Authorised Signatory

- 3. Details of relevant interests
- 4. Details of present registered holders
- 6. Associates

Holder of relevant interest (Section 3, 4 and 6)	Nature of Relevant Interest (Section 3)	Registered Holder of securities (Section 4)	Person Entitled to be registered as holder (Section 4)	Class and number of Securities (Section 3 and 4)		Nature of Association (Section 6)
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	NA	Ordinary	60,208	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	NA	Ordinary	207,483	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	3,344,076	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	NA	Ordinary	165,774	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	NA	Ordinary	366,751	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	NA	Ordinary	4,306	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Wilmington Trust Co	NA	Ordinary	1,902	Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	929,510	Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	NA	Ordinary	2,412	Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	NA	Ordinary	12,705	Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	NA	Ordinary	7,189	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	NA	Ordinary	226,892	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	NA	Ordinary	76,148	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	129,843	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	NA	Ordinary	76,613	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	NA	Ordinary	39,687	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BNP Paribas	NA	Ordinary	85,618	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Caceis Bank Luxembourg	NA	Ordinary	8,655	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Nykredit Bank A/S	NA	Ordinary	55,571	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank Of Ireland Securities Services	NA	Ordinary	2,710	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Credit Suisse AG	NA	Ordinary	5,059	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	174,024	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	NA	Ordinary	855,243	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	NA	Ordinary	130,152	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Sumitomo Trust and Banking Co USA	NA	Ordinary	35,036	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	NA	Ordinary	31,776	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	1,059,917	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	NA	Ordinary	90,784	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	NA	Ordinary	161,564	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BNP Paribas	NA	Ordinary	3,518	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	NA	Ordinary	18,885	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	UBS AG	NA	Ordinary	59,552	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BFF Bank S.p.A.	NA	Ordinary	6,119	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Vorarlberger Landes Und Hypothekenbank Aktiengesellschaft	NA	Ordinary	3,275	Subsidiary of State Street Corporation

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STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	NA	Ordinary	5,983	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	NA	Ordinary	43,779	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	43,548	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	NA	Ordinary	48,574	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	NA	Ordinary	3,589	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	NA	Ordinary	5,339	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	NA	Ordinary	4,950,905	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	4,614,507	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	NA	Ordinary	1,143,768	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BNP Paribas	NA	Ordinary	32,139	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	NA	Ordinary	311,609	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	NA	Ordinary	30,827	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	CIBC Mellon	NA	Ordinary	15,940	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Royal Bank of Canada	NA	Ordinary	69,530	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	National Bank Trust	NA	Ordinary	1,826	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS SINGAPORE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	NA	Ordinary	6,844	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	Relevant interest under section 608(1) being the right, as lender, to recall shares under a securities loan	Unknown	STATE STREET BANK AND TRUST COMPANY	Ordinary	19,002	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	ARROWSTREET CANADA GLOBAL ALL COUNTRY ALPHA EXTENSION FUND I	STATE STREET BANK AND TRUST COMPANY	Ordinary	24,048	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	4,558	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	22,792	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	ARROWSTREET INTERNATIONAL EQUITY ACWI EX US ALPHA EXTENSION TRUST FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	1,885	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSION GT	STATE STREET BANK AND TRUST COMPANY	Ordinary	2,404	Subsidiary of State Street Corporation

8 November 2021

Elizabeth Schaefer  
 Authorised Signatory  
 5. Consideration

Holder of relevant interest	Date of Acquisition	Nature of transaction	Consideration	Class and number of Securities affected
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	2021/08/04	Purchase	134.40	Ordinary 212
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	2021/08/20	In Specie Contribution	n/a	Ordinary 1,684
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	2021/09/30	Purchase	100.18	Ordinary 1,049
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	2021/08/13	Purchase	120.11	Ordinary 437
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	2021/09/03	Purchase	111.37	Ordinary 814
STATE STREET GLOBAL ADVISORS, INC.	2021/07/06	Purchase	125.77	Ordinary 627
STATE STREET GLOBAL ADVISORS, INC.	2021/07/06	In Specie Contribution	n/a	Ordinary 99
STATE STREET GLOBAL ADVISORS, INC.	2021/07/16	Purchase	130.60	Ordinary 286
STATE STREET GLOBAL ADVISORS, INC.	2021/07/16	Purchase	130.59	Ordinary 50
STATE STREET GLOBAL ADVISORS, INC.	2021/07/26	Purchase	130.21	Ordinary 682
STATE STREET GLOBAL ADVISORS, INC.	2021/07/27	In Specie Contribution	n/a	Ordinary 360
STATE STREET GLOBAL ADVISORS, INC.	2021/07/28	Purchase	132.22	Ordinary 2,247
STATE STREET GLOBAL ADVISORS, INC.	2021/07/28	Purchase	131.88	Ordinary 1,394
STATE STREET GLOBAL ADVISORS, INC.	2021/07/28	In Specie Contribution	n/a	Ordinary 282
STATE STREET GLOBAL ADVISORS, INC.	2021/07/30	Purchase	133.42	Ordinary 8,206
STATE STREET GLOBAL ADVISORS, INC.	2021/07/30	Purchase	134.07	Ordinary 327
STATE STREET GLOBAL ADVISORS, INC.	2021/08/04	Purchase	134.40	Ordinary 255
STATE STREET GLOBAL ADVISORS, INC.	2021/08/10	Purchase	127.50	Ordinary 162
STATE STREET GLOBAL ADVISORS, INC.	2021/08/10	In Specie Contribution	n/a	Ordinary 240
STATE STREET GLOBAL ADVISORS, INC.	2021/08/16	Purchase	118.49	Ordinary 4,477
STATE STREET GLOBAL ADVISORS, INC.	2021/08/19	Purchase	110.50	Ordinary 1,446
STATE STREET GLOBAL ADVISORS, INC.	2021/08/20	Purchase	107.24	Ordinary 724
STATE STREET GLOBAL ADVISORS, INC.	2021/08/20	In Specie Contribution	n/a	Ordinary 9,152
STATE STREET GLOBAL ADVISORS, INC.	2021/08/25	In Specie Contribution	n/a	Ordinary 3,328
STATE STREET GLOBAL ADVISORS, INC.	2021/09/02	Purchase	108.44	Ordinary 1,533
STATE STREET GLOBAL ADVISORS, INC.	2021/09/06	Purchase	111.01	Ordinary 1,026
STATE STREET GLOBAL ADVISORS, INC.	2021/09/06	Purchase	111.44	Ordinary 225
STATE STREET GLOBAL ADVISORS, INC.	2021/09/08	Purchase	108.17	Ordinary 112
STATE STREET GLOBAL ADVISORS, INC.	2021/09/08	In Specie Contribution	n/a	Ordinary 600
STATE STREET GLOBAL ADVISORS, INC.	2021/09/10	Purchase	105.80	Ordinary 216
STATE STREET GLOBAL ADVISORS, INC.	2021/09/13	Purchase	106.02	Ordinary 66
STATE STREET GLOBAL ADVISORS, INC.	2021/09/13	Purchase	106.03	Ordinary 442
STATE STREET GLOBAL ADVISORS, INC.	2021/09/13	Purchase	106.51	Ordinary 580
STATE STREET GLOBAL ADVISORS, INC.	2021/09/13	In Specie Contribution	n/a	Ordinary 360
STATE STREET GLOBAL ADVISORS, INC.	2021/09/15	Purchase	104.63	Ordinary 1,570
STATE STREET GLOBAL ADVISORS, INC.	2021/09/15	In Specie Contribution	n/a	Ordinary 120
STATE STREET GLOBAL ADVISORS, INC.	2021/09/29	Purchase	96.89	Ordinary 76
STATE STREET GLOBAL ADVISORS, INC.	2021/09/29	In Specie Contribution	n/a	Ordinary 9,072
STATE STREET GLOBAL ADVISORS, INC.	2021/09/30	Purchase	100.18	Ordinary 16,125
STATE STREET GLOBAL ADVISORS, INC.	2021/09/30	Purchase	100.08	Ordinary 1,339
STATE STREET GLOBAL ADVISORS, INC.	2021/09/30	Purchase	100.08	Ordinary 1,546
STATE STREET GLOBAL ADVISORS, INC.	2021/09/30	Purchase	98.54	Ordinary 102
STATE STREET GLOBAL ADVISORS, INC.	2021/09/30	In Specie Contribution	n/a	Ordinary 840
STATE STREET GLOBAL ADVISORS, INC.	2021/09/27	Purchase	100.15	Ordinary 109
STATE STREET GLOBAL ADVISORS, INC.	2021/10/01	Purchase	97.86	Ordinary 386
STATE STREET GLOBAL ADVISORS, INC.	2021/10/01	In Specie Contribution	n/a	Ordinary 2,280
STATE STREET GLOBAL ADVISORS, INC.	2021/10/07	Purchase	96.54	Ordinary 1,636
STATE STREET GLOBAL ADVISORS, INC.	2021/10/13	In Specie Contribution	n/a	Ordinary 840
STATE STREET GLOBAL ADVISORS, INC.	2021/10/19	Purchase	100.00	Ordinary 93
STATE STREET GLOBAL ADVISORS, INC.	2021/10/19	In Specie Contribution	n/a	Ordinary 81
STATE STREET GLOBAL ADVISORS, INC.	2021/10/20	Purchase	98.08	Ordinary 70
STATE STREET GLOBAL ADVISORS, INC.	2021/10/20	Purchase	99.99	Ordinary 266
STATE STREET GLOBAL ADVISORS, INC.	2021/10/20	In Specie Contribution	n/a	Ordinary 222
STATE STREET GLOBAL ADVISORS, INC.	2021/10/21	In Specie Contribution	n/a	Ordinary 840
STATE STREET GLOBAL ADVISORS, INC.	2021/10/26	Purchase	95.89	Ordinary 3,149
STATE STREET GLOBAL ADVISORS, INC.	2021/10/26	In Specie Contribution	n/a	Ordinary 27
STATE STREET GLOBAL ADVISORS, INC.	2021/07/05	Purchase	126.00	Ordinary 65
STATE STREET GLOBAL ADVISORS, INC.	2021/07/07	Purchase	126.04	Ordinary 782
STATE STREET GLOBAL ADVISORS, INC.	2021/07/07	Purchase	123.99	Ordinary 1,130
STATE STREET GLOBAL ADVISORS, INC.	2021/07/07	In Specie Contribution	n/a	Ordinary 360
STATE STREET GLOBAL ADVISORS, INC.	2021/07/08	Purchase	127.65	Ordinary 1,239
STATE STREET GLOBAL ADVISORS, INC.	2021/07/08	In Specie Contribution	n/a	Ordinary 240
STATE STREET GLOBAL ADVISORS, INC.	2021/07/09	Purchase	125.14	Ordinary 431
STATE STREET GLOBAL ADVISORS, INC.	2021/07/09	Purchase	125.40	Ordinary 32,349
STATE STREET GLOBAL ADVISORS, INC.	2021/07/09	In Specie Contribution	n/a	Ordinary 240
STATE STREET GLOBAL ADVISORS, INC.	2021/07/14	Purchase	128.28	Ordinary 5,962
STATE STREET GLOBAL ADVISORS, INC.	2021/07/15	Purchase	131.14	Ordinary 372
STATE STREET GLOBAL ADVISORS, INC.	2021/07/19	Purchase	127.83	Ordinary 2,781
STATE STREET GLOBAL ADVISORS, INC.	2021/07/20	In Specie Contribution	n/a	Ordinary 240
STATE STREET GLOBAL ADVISORS, INC.	2021/07/21	Purchase	126.00	Ordinary 924
STATE STREET GLOBAL ADVISORS, INC.	2021/07/23	Purchase	127.10	Ordinary 4,048
STATE STREET GLOBAL ADVISORS, INC.	2021/07/23	Purchase	127.10	Ordinary 452
STATE STREET GLOBAL ADVISORS, INC.	2021/07/29	Purchase	134.33	Ordinary 1,158
STATE STREET GLOBAL ADVISORS, INC.	2021/07/29	Purchase	134.17	Ordinary 50
STATE STREET GLOBAL ADVISORS, INC.	2021/08/03	Purchase	132.08	Ordinary 2,578
STATE STREET GLOBAL ADVISORS, INC.	2021/08/05	Purchase	132.13	Ordinary 63
STATE STREET GLOBAL ADVISORS, INC.	2021/08/12	Purchase	120.26	Ordinary 2,481
STATE STREET GLOBAL ADVISORS, INC.	2021/08/17	Purchase	116.37	Ordinary 2,583
STATE STREET GLOBAL ADVISORS, INC.	2021/08/18	Purchase	113.68	Ordinary 84
STATE STREET GLOBAL ADVISORS, INC.	2021/08/18	Purchase	113.68	Ordinary 1,145
STATE STREET GLOBAL ADVISORS, INC.	2021/08/23	Purchase	108.00	Ordinary 75
STATE STREET GLOBAL ADVISORS, INC.	2021/08/23	In Specie Contribution	n/a	Ordinary 2,179
STATE STREET GLOBAL ADVISORS, INC.	2021/08/27	In Specie Contribution	n/a	Ordinary 14,144
STATE STREET GLOBAL ADVISORS, INC.	2021/08/31	Purchase	112.06	Ordinary 6,045
STATE STREET GLOBAL ADVISORS, INC.	2021/08/31	Purchase	112.91	Ordinary 24
STATE STREET GLOBAL ADVISORS, INC.	2021/08/31	In Specie Contribution	n/a	Ordinary 1,340
STATE STREET GLOBAL ADVISORS, INC.	2021/09/07	Purchase	108.77	Ordinary 1,903
STATE STREET GLOBAL ADVISORS, INC.	2021/09/09	Purchase	105.50	Ordinary 1,610
STATE STREET GLOBAL ADVISORS, INC.	2021/09/09	Purchase	105.54	Ordinary 4,177
STATE STREET GLOBAL ADVISORS, INC.	2021/09/09	Purchase	107.88	Ordinary 1,250
STATE STREET GLOBAL ADVISORS, INC.	2021/09/09	In Specie Contribution	n/a	Ordinary 9
STATE STREET GLOBAL ADVISORS, INC.	2021/09/14	Purchase	106.66	Ordinary 2,199

STATE STREET GLOBAL ADVISORS, INC.	2021/09/16	Purchase	103.67	Ordinary	670
STATE STREET GLOBAL ADVISORS, INC.	2021/09/21	In Specie Contribution	n/a	Ordinary	1,776
STATE STREET GLOBAL ADVISORS, INC.	2021/09/22	Purchase	98.27	Ordinary	4,300
STATE STREET GLOBAL ADVISORS, INC.	2021/09/22	Purchase	95.10	Ordinary	2,473
STATE STREET GLOBAL ADVISORS, INC.	2021/09/24	Purchase	99.33	Ordinary	75
STATE STREET GLOBAL ADVISORS, INC.	2021/09/24	Purchase	99.09	Ordinary	297
STATE STREET GLOBAL ADVISORS, INC.	2021/09/24	Purchase	99.00	Ordinary	320
STATE STREET GLOBAL ADVISORS, INC.	2021/09/28	Purchase	97.47	Ordinary	2,215
STATE STREET GLOBAL ADVISORS, INC.	2021/10/04	Purchase	97.15	Ordinary	3,523
STATE STREET GLOBAL ADVISORS, INC.	2021/10/06	Purchase	96.55	Ordinary	285
STATE STREET GLOBAL ADVISORS, INC.	2021/10/06	Purchase	96.50	Ordinary	758
STATE STREET GLOBAL ADVISORS, INC.	2021/10/08	Purchase	100.40	Ordinary	425
STATE STREET GLOBAL ADVISORS, INC.	2021/10/12	Purchase	102.64	Ordinary	2,950
STATE STREET GLOBAL ADVISORS, INC.	2021/10/14	Purchase	99.54	Ordinary	253
STATE STREET GLOBAL ADVISORS, INC.	2021/10/15	Purchase	99.60	Ordinary	6,029
STATE STREET GLOBAL ADVISORS, INC.	2021/10/15	In Specie Contribution	n/a	Ordinary	99
STATE STREET GLOBAL ADVISORS, INC.	2021/10/18	Purchase	101.45	Ordinary	430
STATE STREET GLOBAL ADVISORS, INC.	2021/10/18	In Specie Contribution	n/a	Ordinary	222
STATE STREET GLOBAL ADVISORS, INC.	2021/10/22	Purchase	95.03	Ordinary	4,005
STATE STREET GLOBAL ADVISORS, INC.	2021/10/25	In Specie Contribution	n/a	Ordinary	222
STATE STREET GLOBAL ADVISORS, INC.	2021/10/27	Purchase	94.14	Ordinary	1,151
STATE STREET GLOBAL ADVISORS, INC.	2021/10/28	In Specie Contribution	n/a	Ordinary	960
STATE STREET GLOBAL ADVISORS, INC.	2021/10/29	Purchase	90.29	Ordinary	8,238
STATE STREET GLOBAL ADVISORS, INC.	2021/10/29	Purchase	92.50	Ordinary	152
STATE STREET GLOBAL ADVISORS, INC.	2021/10/29	In Specie Contribution	n/a	Ordinary	4,702
STATE STREET GLOBAL ADVISORS, INC.	2021/11/01	Purchase	90.97	Ordinary	1,372
STATE STREET GLOBAL ADVISORS, INC.	2021/11/01	Purchase	90.97	Ordinary	420
STATE STREET GLOBAL ADVISORS, INC.	2021/11/01	In Specie Contribution	n/a	Ordinary	396
STATE STREET GLOBAL ADVISORS, INC.	2021/11/02	Purchase	88.66	Ordinary	1,609
STATE STREET GLOBAL ADVISORS, INC.	2021/11/02	Purchase	90.90	Ordinary	386
STATE STREET GLOBAL ADVISORS, INC.	2021/11/03	Purchase	89.58	Ordinary	1,915
STATE STREET GLOBAL ADVISORS, INC.	2021/11/03	In Specie Contribution	n/a	Ordinary	9
STATE STREET GLOBAL ADVISORS, INC.	2021/11/04	Purchase	88.32	Ordinary	2,171
STATE STREET GLOBAL ADVISORS, INC.	2021/11/04	In Specie Contribution	n/a	Ordinary	1,320
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/06	Purchase	125.41	Ordinary	3,121
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/16	Purchase	130.60	Ordinary	299
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/16	Purchase	130.60	Ordinary	2,743
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/16	Purchase	130.60	Ordinary	868
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/16	Purchase	130.59	Ordinary	3,079
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/26	Purchase	130.11	Ordinary	119
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/27	Purchase	132.47	Ordinary	82
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/30	Purchase	133.42	Ordinary	2,284
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/30	Purchase	133.42	Ordinary	4,544
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/02	Purchase	133.23	Ordinary	3,675
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/10	In Specie Contribution	n/a	Ordinary	7,593
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/15	Purchase	104.63	Ordinary	246
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/17	Purchase	98.80	Ordinary	1,804
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/30	Purchase	100.18	Ordinary	6,474
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/27	Purchase	100.47	Ordinary	9,862
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/01	Purchase	97.21	Ordinary	14,951
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/19	Purchase	98.15	Ordinary	7,563
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/20	Purchase	98.08	Ordinary	238
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/26	Purchase	95.89	Ordinary	164
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/07	Purchase	126.04	Ordinary	283
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/08	Purchase	126.22	Ordinary	357
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/09	Purchase	125.40	Ordinary	120
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/13	Purchase	128.36	Ordinary	357
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/15	Purchase	131.14	Ordinary	569
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/19	Purchase	127.83	Ordinary	1,286
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/21	Purchase	125.87	Ordinary	521
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/22	Purchase	127.41	Ordinary	1,305
STATE STREET GLOBAL ADVISORS LIMITED	2021/07/29	Purchase	134.17	Ordinary	218
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/03	Purchase	132.39	Ordinary	738
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/11	Purchase	129.98	Ordinary	3,656
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/18	Purchase	113.68	Ordinary	129
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/23	Purchase	106.69	Ordinary	164
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/31	Purchase	112.06	Ordinary	5,619
STATE STREET GLOBAL ADVISORS LIMITED	2021/08/31	Purchase	112.06	Ordinary	2,773
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/03	Purchase	111.37	Ordinary	157
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/09	Purchase	105.50	Ordinary	82
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/14	Purchase	106.66	Ordinary	3,037
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/16	Purchase	103.67	Ordinary	2,404
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/21	Purchase	95.71	Ordinary	383
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/22	In Specie Contribution	n/a	Ordinary	17,504
STATE STREET GLOBAL ADVISORS LIMITED	2021/09/23	Purchase	98.86	Ordinary	6,480
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/08	Purchase	100.40	Ordinary	1,475
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/12	Purchase	102.64	Ordinary	247
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/22	Purchase	95.03	Ordinary	690
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/27	Purchase	94.14	Ordinary	82
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/27	Purchase	95.03	Ordinary	11,641
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/29	Purchase	90.29	Ordinary	912
STATE STREET GLOBAL ADVISORS LIMITED	2021/10/29	Purchase	90.29	Ordinary	10,542
STATE STREET GLOBAL ADVISORS LIMITED	2021/11/01	Purchase	90.97	Ordinary	1,500
STATE STREET GLOBAL ADVISORS LIMITED	2021/11/02	In Specie Contribution	n/a	Ordinary	2,612
STATE STREET GLOBAL ADVISORS LIMITED	2021/11/03	Purchase	89.01	Ordinary	9,998
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/26	In Specie Contribution	n/a	Ordinary	326,941
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/28	In Specie Contribution	n/a	Ordinary	204,287
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/30	In Specie Contribution	n/a	Ordinary	3,979
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/04	In Specie Contribution	n/a	Ordinary	2,050
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/06	In Specie Contribution	n/a	Ordinary	602
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/10	In Specie Contribution	n/a	Ordinary	602
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/16	Purchase	118.49	Ordinary	1,049
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/16	In Specie Contribution	n/a	Ordinary	4,928
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/20	In Specie Contribution	n/a	Ordinary	4,680
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/25	In Specie Contribution	n/a	Ordinary	3,683
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/26	Purchase	109.37	Ordinary	2,385
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/02	In Specie Contribution	n/a	Ordinary	2,074
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/08	Purchase	108.17	Ordinary	34,959
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/10	Purchase	106.22	Ordinary	33,568
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/13	In Specie Contribution	n/a	Ordinary	2,920
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/17	Purchase	98.80	Ordinary	3,358
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/17	Purchase	99.80	Ordinary	166
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/17	Purchase	98.80	Ordinary	2,701

STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/17	In Specie Contribution	n/a	Ordinary	5,522
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/27	In Specie Contribution	n/a	Ordinary	28,278
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/10/01	In Specie Contribution	n/a	Ordinary	1,021
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/10/26	In Specie Contribution	n/a	Ordinary	178,097
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/08	In Specie Contribution	n/a	Ordinary	616
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/12	In Specie Contribution	n/a	Ordinary	1,025
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/15	In Specie Contribution	n/a	Ordinary	2,666
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/20	In Specie Contribution	n/a	Ordinary	13,807
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/07/21	Purchase	125.87	Ordinary	1,982
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/12	In Specie Contribution	n/a	Ordinary	986
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/13	In Specie Contribution	n/a	Ordinary	606
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/18	In Specie Contribution	n/a	Ordinary	4,522
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/08/27	In Specie Contribution	n/a	Ordinary	2,068
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/09	In Specie Contribution	n/a	Ordinary	2,098
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/16	In Specie Contribution	n/a	Ordinary	255,495
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/21	In Specie Contribution	n/a	Ordinary	385
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/24	Purchase	99.33	Ordinary	2,211
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/09/28	In Specie Contribution	n/a	Ordinary	1,866
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/10/04	In Specie Contribution	n/a	Ordinary	3,063
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/10/25	In Specie Contribution	n/a	Ordinary	1,866
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/10/27	In Specie Contribution	n/a	Ordinary	2,038
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/10/29	In Specie Contribution	n/a	Ordinary	379
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/11/01	Purchase	90.97	Ordinary	1,771
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	2021/11/04	In Specie Contribution	n/a	Ordinary	1,739,865
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/09/17	Purchase	98.80	Ordinary	82
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/09/17	Purchase	99.80	Ordinary	35
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/07/08	Purchase	126.22	Ordinary	5,736
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/07/09	Purchase	125.40	Ordinary	8,628
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/07/12	Purchase	127.60	Ordinary	4,603
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/10/14	In Specie Contribution	n/a	Ordinary	1,221
STATE STREET GLOBAL ADVISORS ASIA LIMITED	2021/10/15	Purchase	99.60	Ordinary	3,061
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	2021/07/14	Purchase	128.28	Ordinary	1,269
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	2021/08/31	Purchase	112.06	Ordinary	240
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	2021/09/28	Purchase	97.47	Ordinary	1,045
STATE STREET BANK AND TRUST COMPANY	2021/10/28	Return of securities under a securities loan from TEACHER RETIREMENT SYSTEM OF TEXAS: – Refer Part A of Annexure D	n/a	Ordinary	(8,708)
STATE STREET BANK AND TRUST COMPANY	2021/10/13	Return of securities under a securities loan from TEACHER RETIREMENT SYSTEM OF TEXAS IP MULTIFACTOR EAFAC: – Refer Part A of Annexure D	n/a	Ordinary	(1)
STATE STREET BANK AND TRUST COMPANY	2021/10/28	Return of securities under a securities loan from TEACHER RETIREMENT SYSTEM OF TEXAS IP MULTIFACTOR EAFAC: – Refer Part A of Annexure D	n/a	Ordinary	(77)
STATE STREET BANK AND TRUST COMPANY	2021/10/13	Return of securities under a securities loan by TEACHER RETIREMENT SYSTEM OF TEXAS – Refer Part B of Annexure D	n/a	Ordinary	(1)
STATE STREET BANK AND TRUST COMPANY	2021/10/28	Return of securities under a securities loan by TEACHER RETIREMENT SYSTEM OF TEXAS – Refer Part B of Annexure D	n/a	Ordinary	(8,785)
STATE STREET BANK AND TRUST COMPANY	2021/10/28	Taking a pledge over securities to secure a securities loan from ARROWSTREET CANADA GLOBAL ALL COUNTRY ALPHA EXTENSION FUND I – Refer Part C of Annexure D	n/a	Ordinary	8,890
STATE STREET BANK AND TRUST COMPANY	2021/09/20	Taking a pledge over securities to secure a securities loan from ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	251
STATE STREET BANK AND TRUST COMPANY	2021/09/21	Taking a pledge over securities to secure a securities loan from ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	89
STATE STREET BANK AND TRUST COMPANY	2021/09/22	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(13)
STATE STREET BANK AND TRUST COMPANY	2021/09/23	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(122)
STATE STREET BANK AND TRUST COMPANY	2021/09/24	Taking a pledge over securities to secure a securities loan from ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	18
STATE STREET BANK AND TRUST COMPANY	2021/09/27	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(8)
STATE STREET BANK AND TRUST COMPANY	2021/09/28	Taking a pledge over securities to secure a securities loan from ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	15
STATE STREET BANK AND TRUST COMPANY	2021/09/29	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(10)
STATE STREET BANK AND TRUST COMPANY	2021/09/30	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(121)
STATE STREET BANK AND TRUST COMPANY	2021/10/01	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(436)
STATE STREET BANK AND TRUST COMPANY	2021/10/04	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(33)
STATE STREET BANK AND TRUST COMPANY	2021/10/05	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET EAFE ALPHA EXTENSION TRUST FUND – Refer Part C of Annexure D	n/a	Ordinary	(143)

















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STATE STREET BANK AND TRUST COMPANY	2021/10/26	Taking a pledge over securities to secure a securities loan from ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	859
STATE STREET BANK AND TRUST COMPANY	2021/10/27	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	(16)
STATE STREET BANK AND TRUST COMPANY	2021/10/28	Taking a pledge over securities to secure a securities loan from ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	28
STATE STREET BANK AND TRUST COMPANY	2021/10/29	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	(234)
STATE STREET BANK AND TRUST COMPANY	2021/11/01	Taking a pledge over securities to secure a securities loan from ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	41
STATE STREET BANK AND TRUST COMPANY	2021/11/02	Taking a pledge over securities to secure a securities loan from ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	147
STATE STREET BANK AND TRUST COMPANY	2021/11/03	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	138
STATE STREET BANK AND TRUST COMPANY	2021/11/04	Taking a pledge over securities to secure a securities loan from ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSTION CIT – Refer Part C of Annexure D	n/a	Ordinary	(236)

8 November 2021

Elizabeth Schaefer  
 Authorised Signatory  
 7. Addresses

Name	Address
SSGA FUNDS MANAGEMENT, INC.	Channel Center, 1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Toranomom Hills Mori Tower 25F, 1-23-1 Toranomom, Minato-ku, Tokyo, 105-6325, Japan
STATE STREET GLOBAL ADVISORS ASIA LIMITED	68th Floor, Two International Finance Centre, 8 Finance Street, Central, Hong Kong, China
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	78 Sir John Rogerson's Quay, Dublin 2, Ireland
STATE STREET GLOBAL ADVISORS LIMITED	20 Churchill Place, London, England, E14 5HJ, United Kingdom
STATE STREET GLOBAL ADVISORS SINGAPORE LIMITED	168 Robinson Road #33-01 Capital Tower, Singapore, 068912, Singapore
STATE STREET GLOBAL ADVISORS TRUST COMPANY	1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Level 15, 420 George Street, Sydney NSW 2000, Australia
STATE STREET GLOBAL ADVISORS, INC.	1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS, LTD.	1981 McGill College Avenue, Suite 500, Montreal Québec H3A 3A8, Canada
STATE STREET BANK AND TRUST COMPANY	1 Lincoln Street, Boston MA 02111-2900, United States

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8 November 2021

Elizabeth Schaefer  
Authorised Signatory

State Street Bank and Trust Company will, if requested by the company or responsible entity to whom this form must be given under the Corporations Act 2001 (Cth) or if requested by the Australian Securities and Investment Commission (ASIC), provide a copy of the master securities lending agreement/s and security agreement/s referred to below to the company, responsible entity or ASIC.

**Part A: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires relevant interest as borrower of the securities under securities lending agreement, subject to obligation to return under the agreement. (State Street Bank and Trust Company has on-lent the securities and retains relevant interest as per Part B of this Annexure.)**

Type of agreement	Global Master Securities Lending Agreement/Master Securities Loan Agreement/Securities Loan Agreement
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes (if the borrower is the registered holder. However the securities are on-lent by the borrower as per Part B of this Annexure) (2) No, not during term of securities loan
If yes, in what circumstances	(1) Only if the borrower is the registered holder. However the securities are on-lent by the borrower as per Part B of this Annexure (2) n/a
Transfer date	The dates on which the securities were delivered to State Street Bank and Trust Company as borrower are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

**Part B: For relevant interests arising out of lending securities - State Street Bank and Trust Company lends the securities under securities lending agreement, and retains relevant interest through the right to recall the securities or equivalent securities.**

Type of agreement	Global Master Securities Lending Agreement/Master Securities Loan Agreement
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the lender recalls the loan and exercises its right to become the registered holder (2) Yes (while registered holder)
If yes, in what circumstances	(1) Only if the lender recalls the loan and exercises its right to become the registered holder (2) Borrower may exercise voting rights (while registered holder)
Transfer date	The dates on which the securities were delivered to the borrower are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

**Part C: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires a relevant interest in securities through taking a security interest ("pledge") over the securities as collateral to secure a securities loan. (See Part B of this Annexure for securities loan details.)**

Type of agreement	Global Master Securities Lending Agreement Security Agreement: the pro forma security agreement governing the pledge is attached to this notice
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice

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Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the borrower defaults and pledge is enforced (2) Yes
If yes, in what circumstances	(1) Only if the borrower defaults and pledge is enforced (2) In accordance with ordinary rights as registered holder, either directly or through nominee holder
Pledge date	The dates on which the securities were pledged, as indicated in Annexure B to this notice
Scheduled release date	No scheduled release date. Securities are released from pledge on termination of related securities loan
Does the borrower have the right to have the securities released early?	No scheduled release date. Securities are released from pledge on termination of related securities loan or the provision of alternative collateral
If yes, in what circumstances	At any time subject to returning the borrowed securities or equivalent securities or providing alternative collateral
Are there any circumstances in which the lender is not required to release the pledged securities on settlement?	No, assuming the borrower returns the borrowed securities or equivalent securities
If yes, detail any exceptions	n/a (lender must release pledged securities if the borrower returns the borrowed securities or equivalent securities)