

# Form 603

Corporations Act 2001  
Section 671B

## Notice of initial substantial holder

To Company Name/Scheme QANTAS AIRWAYS LTD

ACN/ARSN 009 661 901

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

Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures  
ACN/ARSN (if applicable) to this form)

The holder became a substantial holder on 23 /06 /2023

### 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)
ORD	90,549,478	90,549,478	5.25
ADR 5:1	1,302	6,510	0.00

### 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 & D		

### 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
see 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	
see Annexure B				

**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
see Annexure A	

**7. Addresses**

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

Name	Address
see Annexure C	

## Signature

print name Tevin Murray

capacity Authorised Signatory\*

sign here

date 27 / 06 / 2023

\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

### 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.

27-Jun-23

Date

Tevin Murray,  
Authorised Signatory

## 3. Details of Relevant Interests

## 4. Details of present registered holders

## 6. Associates

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
APERIO GROUP LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ADR 5:1 1,302	6,510	subsidiary of BlackRock Inc.
APERIO GROUP LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 82,713	82,713	subsidiary of BlackRock Inc.
BlackRock (Netherlands) B.V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CB-CACEIS BANK LUXEMBOURG		ORD 39,017	39,017	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BONY LUXEMBOURG		ORD 306,425	306,425	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 153,889	153,889	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SINGAPORE		ORD 1,128	1,128	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BANK OF NY BRUS		ORD 71,673	71,673	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BONY EUROPE - LONDON		ORD 493,392	493,392	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JPM CHASE - LONDON		ORD 934,921	934,921	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	NT-NORTHERN TRUST UK		ORD 253,635	253,635	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET DUBLIN		ORD 9,310,733	9,310,733	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	STATE STREET BANK, MUNICH, ZURICH BRANCH		ORD 29,638	29,638	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Advisors, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 384,148	384,148	subsidiary of BlackRock Inc.
BlackRock Advisors, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 42,876	42,876	subsidiary of BlackRock Inc.
BlackRock Advisors, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 188,229	188,229	subsidiary of BlackRock Inc.
BlackRock Advisors, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 528,591	528,591	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 4,566	4,566	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 299,339	299,339	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 33,981	33,981	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SACRAMENTO		ORD 223,758	223,758	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CITI-CITIBANK, HONG KONG		ORD 1,035,065	1,035,065	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 16,157	16,157	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 258,246	258,246	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	HSBC-HSBC, HONG KONG		ORD 10,937	10,937	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 83,449	83,449	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	Northern Trust Luxembourg		ORD 876,513	876,513	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 29,579	29,579	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	NT-NORTHERN TRUST UK		ORD 16,030	16,030	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STATE HONG KONG		ORD 674,144	674,144	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET BANK & TRUST TORONTO		ORD 5,191	5,191	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET BANK, BOSTON		ORD 221,899	221,899	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 76,056	76,056	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SACRAMENTO		ORD 15,642,023	15,642,023	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BANK OF NY BRUS		ORD 576,456	576,456	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 494,248	494,248	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		ORD 11,479	11,479	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 12,558,947	12,558,947	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	MS-MORGAN STANLEY & CO INC		ORD 1,807	1,807	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 188,184	188,184	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 476,515	476,515	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STATE HONG KONG		ORD 55,648	55,648	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SACRAMENTO		ORD 1,856	1,856	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	UBS- UBS- ZURICH		ORD 1,770	1,770	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 197,975	197,975	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 4,954	4,954	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNP-BNP PARIBAS AUSTRALIA - COGENT		ORD 284,197	284,197	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 31,824	31,824	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CITI-CITIBANK, HONG KONG		ORD 3,532,752	3,532,752	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CITI-Citigroup Australia - SYDNEY		ORD 468,540	468,540	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JPM CHASE - SYDNEY		ORD 13,279,719	13,279,719	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 7,192,712	7,192,712	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	Northern Trust Singapore		ORD 3,985,612	3,985,612	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	UBS- UBS- ZURICH		ORD 131,587	131,587	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNP PARIBAS LUX		ORD 964	964	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNP-BNP Paribas Milan		ORD 117,217	117,217	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BANK OF NY BRUS		ORD 1,206,270	1,206,270	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BONY EUROPE - LONDON		ORD 786,630	786,630	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BONY LUXEMBOURG		ORD 655,947	655,947	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CB-Caceis Bank Amsterdam		ORD 41,609	41,609	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CITI-CITIBANK, LONDON		ORD 831,330	831,330	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	CREDIT SUISSE (ZURICH)		ORD 89,858	89,858	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	HSBC BANK MIDDLE EAST LIMITED		ORD 13,459	13,459	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	HSBC-HSBC - LONDON		ORD 970,626	970,626	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 35,787	35,787	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JPM CHASE - LONDON		ORD 63,761	63,761	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	Northern Trust Luxembourg		ORD 20,101	20,101	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	NT-NORTHERN TRUST UK		ORD 5,884,374	5,884,374	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 882	882	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STATE HONG KONG		ORD 23,391	23,391	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET BANK LUXEMBOURG		ORD 132,404	132,404	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET BANK, GERMANY		ORD 12,839	12,839	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET LONDON		ORD 230,260	230,260	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 164,884	164,884	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-BONY LUXEMBOURG		ORD 559,051	559,051	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 603,469	603,469	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 477,186	477,186	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 36,607	36,607	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	SSB-STATE STREET BANK LUXEMBOURG		ORD 31,672	31,672	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 17,484	17,484	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 23,014	23,014	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 123,928	123,928	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	JPM-JPM CHASE - LONDON		ORD 32,168	32,168	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	MITSUI-SUMITOMO TRUST		ORD 93,557	93,557	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	SSB-State Street Bank And Trust Co.		ORD 1,454,567	1,454,567	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	SSB-STATE STREET BANK, BOSTON		ORD 9,459	9,459	subsidiary of BlackRock Inc.



This is Annexure B of 19 pages referred to in form 603 Notice of initial substantial shareholder

27-Jun-23

Tevin Murray,  
Authorised Signatory

Date

## 5. Consideration

## QANTAS AIRWAYS LTD (QAN)

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	24-Feb-23	yes	6.13	on mkt buy	AUD	ORD	7,209	7,209
BlackRock Japan Co., Ltd.	24-Feb-23	yes	6.12	on mkt buy	AUD	ORD	18,295	18,295
BlackRock Fund Advisors	24-Feb-23	no	n/a	in specie	AUD	ORD	10,956	10,956
BlackRock Investment Management (Australia) Limited	24-Feb-23	yes	6.14	on mkt buy	AUD	ORD	10,494	10,494
BlackRock Advisors (UK) Limited	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	688	688
BlackRock Institutional Trust Company, National Association	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	3,452	3,452
BlackRock Investment Management (Australia) Limited	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	10,673	10,673
BlackRock Institutional Trust Company, National Association	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	102,144	102,144
BlackRock Institutional Trust Company, National Association	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	12,577	12,577
BlackRock Institutional Trust Company, National Association	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	100,276	100,276
BlackRock Investment Management, LLC	24-Feb-23	yes	6.16	on mkt buy	AUD	ORD	11,827	11,827
BlackRock (Singapore) Limited	24-Feb-23	no	n/a	collateral transfer	AUD	ORD	116,387	116,387
BlackRock Financial Management, Inc.	24-Feb-23	no	n/a	collateral transfer	AUD	ORD	206,195	206,195
BlackRock Investment Management, LLC	24-Feb-23	no	n/a	collateral transfer	AUD	ORD	329,366	329,366
BlackRock Investment Management (UK) Limited	24-Feb-23	no	n/a	collateral transfer	AUD	ORD	1,828,829	1,828,829
BlackRock Asset Management North Asia Limited	24-Feb-23	no	n/a	collateral transfer	AUD	ORD	149,199	149,199
BlackRock Investment Management (Australia) Limited	27-Feb-23	yes	6.24	on mkt buy	AUD	ORD	32,750	32,750
BlackRock Advisors (UK) Limited	27-Feb-23	yes	6.28	on mkt buy	AUD	ORD	2,319	2,319
BlackRock Advisors, LLC	27-Feb-23	yes	6.28	on mkt buy	AUD	ORD	35,369	35,369
BlackRock Advisors, LLC	27-Feb-23	yes	6.28	on mkt buy	AUD	ORD	6,135	6,135
BlackRock Asset Management Canada Limited	27-Feb-23	yes	6.28	on mkt buy	AUD	ORD	10,256	10,256
BlackRock Asset Management Canada Limited	27-Feb-23	yes	6.28	on mkt buy	AUD	ORD	36,234	36,234
BlackRock Advisors (UK) Limited	27-Feb-23	no	n/a	collateral transfer	AUD	ORD	4,602,663	4,602,663
BlackRock Investment Management (Australia) Limited	28-Feb-23	yes	6.40	on mkt buy	AUD	ORD	4,619	4,619
BlackRock Fund Advisors	28-Feb-23	no	n/a	in specie	AUD	ORD	1,188	1,188
BlackRock Investment Management (Australia) Limited	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	9,545	9,545
BlackRock Advisors, LLC	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	39,329	39,329
BlackRock Advisors, LLC	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	7,660	7,660
BlackRock Asset Management Canada Limited	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	9,541	9,541
BlackRock Asset Management Canada Limited	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	39,518	39,518
BlackRock Investment Management (UK) Limited	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	882	882
BlackRock Investment Management (Australia) Limited	28-Feb-23	yes	6.42	on mkt buy	AUD	ORD	1,303	1,303
BlackRock Fund Advisors	01-Mar-23	no	n/a	in specie	AUD	ORD	10,738	10,738
BlackRock Institutional Trust Company, National Association	01-Mar-23	yes	6.44	on mkt buy	AUD	ORD	2,575	2,575
BlackRock Institutional Trust Company, National Association	01-Mar-23	yes	6.44	on mkt buy	AUD	ORD	127,680	127,680
BlackRock Institutional Trust Company, National Association	01-Mar-23	yes	6.44	on mkt buy	AUD	ORD	8,298	8,298

Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	01-Mar-23	yes	6.44	on mkt buy	AUD	ORD	68,881	68,881
BlackRock Institutional Trust Company, National Association	01-Mar-23	yes	6.44	on mkt buy	AUD	ORD	23,581	23,581
BlackRock (Singapore) Limited	01-Mar-23	no	n/a	collateral transfer	AUD	ORD	24,576	24,576
BlackRock Financial Management, Inc.	01-Mar-23	no	n/a	collateral transfer	AUD	ORD	47	47
BlackRock Investment Management, LLC	01-Mar-23	no	n/a	collateral transfer	AUD	ORD	2,670,483	2,670,483
BlackRock Investment Management (UK) Limited	01-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,318,680	1,318,680
BlackRock Asset Management North Asia Limited	01-Mar-23	no	n/a	collateral transfer	AUD	ORD	219	219
BlackRock Institutional Trust Company, National Association	02-Mar-23	yes	6.48	on mkt buy	AUD	ORD	1,955	1,955
BlackRock Advisors (UK) Limited	02-Mar-23	yes	6.53	on mkt buy	AUD	ORD	616	616
BlackRock Investment Management (UK) Limited	02-Mar-23	no	n/a	collateral transfer	AUD	ORD	6,573	6,573
BlackRock Institutional Trust Company, National Association	03-Mar-23	yes	6.55	on mkt buy	AUD	ORD	226	226
BlackRock Institutional Trust Company, National Association	03-Mar-23	yes	6.55	on mkt buy	AUD	ORD	2,516	2,516
BlackRock Institutional Trust Company, National Association	03-Mar-23	yes	6.55	on mkt buy	AUD	ORD	5,301	5,301
BlackRock Advisors, LLC	03-Mar-23	yes	6.55	on mkt buy	AUD	ORD	22,916	22,916
BlackRock Investment Management (Australia) Limited	03-Mar-23	yes	6.55	on mkt buy	AUD	ORD	5,775	5,775
BlackRock Advisors (UK) Limited	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	1,035	1,035
BlackRock Advisors (UK) Limited	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	690	690
BlackRock Advisors (UK) Limited	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	1,380	1,380
BlackRock Advisors (UK) Limited	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	628	628
BlackRock Institutional Trust Company, National Association	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	1,282	1,282
BlackRock Institutional Trust Company, National Association	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	433	433
BlackRock Investment Management, LLC	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	862	862
BlackRock Investment Management, LLC	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	2,552	2,552
BlackRock Investment Management, LLC	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	13,109	13,109
BlackRock Investment Management, LLC	03-Mar-23	yes	6.51	on mkt buy	AUD	ORD	38,806	38,806
BlackRock Financial Management, Inc.	03-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,590	1,590
BlackRock Investment Management (UK) Limited	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	265,501	265,501
BlackRock Fund Advisors	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	15,069	15,069
BlackRock Financial Management, Inc.	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	2,760	2,760
BlackRock Financial Management, Inc.	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	17,622	17,622
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	5,087	5,087
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	315	315
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	4,143	4,143
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.57	on mkt buy	AUD	ORD	5,443	5,443
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.58	on mkt buy	AUD	ORD	7,920	7,920
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.58	on mkt buy	AUD	ORD	237,717	237,717
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.58	on mkt buy	AUD	ORD	16,572	16,572
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.58	on mkt buy	AUD	ORD	129,302	129,302
BlackRock Institutional Trust Company, National Association	06-Mar-23	yes	6.58	on mkt buy	AUD	ORD	49,712	49,712
BlackRock Advisors (UK) Limited	06-Mar-23	yes	6.58	on mkt buy	AUD	ORD	98	98
BlackRock Japan Co., Ltd.	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	72,992	72,992
BlackRock (Singapore) Limited	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	8,173	8,173
BlackRock Advisors (UK) Limited	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	3,383,848	3,383,848
BlackRock Financial Management, Inc.	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,439	1,439
BlackRock Investment Management, LLC	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	34,541	34,541

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	27,681	27,681
BlackRock Asset Management North Asia Limited	06-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,980	1,980
BlackRock Fund Advisors	07-Mar-23	no	n/a	in specie	AUD	ORD	7,304	7,304
BlackRock Fund Advisors	07-Mar-23	no	n/a	in specie	AUD	ORD	2,670	2,670
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.60	on mkt buy	AUD	ORD	2,198	2,198
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.60	on mkt buy	AUD	ORD	4,519	4,519
BlackRock Financial Management, Inc.	07-Mar-23	yes	6.60	on mkt buy	AUD	ORD	15,278	15,278
BlackRock Financial Management, Inc.	07-Mar-23	yes	6.60	on mkt buy	AUD	ORD	3,451	3,451
BlackRock Advisors (UK) Limited	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	6,960	6,960
BlackRock Advisors (UK) Limited	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	196	196
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	4,068	4,068
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	89,917	89,917
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	9,355	9,355
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	61,396	61,396
BlackRock Institutional Trust Company, National Association	07-Mar-23	yes	6.58	on mkt buy	AUD	ORD	28,668	28,668
BlackRock (Singapore) Limited	07-Mar-23	no	n/a	collateral transfer	AUD	ORD	212,252	212,252
BlackRock Financial Management, Inc.	07-Mar-23	no	n/a	collateral transfer	AUD	ORD	256,329	256,329
BlackRock Investment Management, LLC	07-Mar-23	no	n/a	collateral transfer	AUD	ORD	971,411	971,411
BlackRock Investment Management (UK) Limited	07-Mar-23	no	n/a	collateral transfer	AUD	ORD	4,442,784	4,442,784
BlackRock Asset Management North Asia Limited	07-Mar-23	no	n/a	collateral transfer	AUD	ORD	31,037	31,037
BlackRock Investment Management (Australia) Limited	08-Mar-23	yes	6.72	on mkt buy	AUD	ORD	1,658	1,658
BlackRock Institutional Trust Company, National Association	08-Mar-23	yes	6.71	on mkt buy	AUD	ORD	2,486	2,486
BlackRock Institutional Trust Company, National Association	08-Mar-23	yes	6.71	on mkt buy	AUD	ORD	2,405	2,405
BlackRock Institutional Trust Company, National Association	08-Mar-23	yes	6.73	on mkt buy	AUD	ORD	8,987	8,987
BlackRock Institutional Trust Company, National Association	08-Mar-23	yes	6.73	on mkt buy	AUD	ORD	1,873	1,873
BlackRock Institutional Trust Company, National Association	08-Mar-23	yes	6.73	on mkt buy	AUD	ORD	1,749	1,749
BlackRock Advisors (UK) Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	2,218	2,218
BlackRock Advisors (UK) Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	948	948
BlackRock Advisors (UK) Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	790	790
BlackRock Advisors (UK) Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	632	632
BlackRock Advisors (UK) Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	156	156
BlackRock Advisors, LLC	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	72,866	72,866
BlackRock Advisors, LLC	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	21,056	21,056
BlackRock Asset Management Canada Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	18,268	18,268
BlackRock Asset Management Canada Limited	08-Mar-23	yes	6.77	on mkt buy	AUD	ORD	69,615	69,615
BlackRock (Singapore) Limited	08-Mar-23	no	n/a	collateral transfer	AUD	ORD	119,440	119,440
BlackRock Financial Management, Inc.	08-Mar-23	no	n/a	collateral transfer	AUD	ORD	26,742	26,742
BlackRock Investment Management, LLC	08-Mar-23	no	n/a	collateral transfer	AUD	ORD	555,150	555,150
BlackRock Investment Management (UK) Limited	08-Mar-23	no	n/a	collateral transfer	AUD	ORD	3,339,964	3,339,964
BlackRock Asset Management North Asia Limited	08-Mar-23	no	n/a	collateral transfer	AUD	ORD	24,022	24,022
BlackRock Institutional Trust Company, National Association	09-Mar-23	yes	6.81	on mkt buy	AUD	ORD	3,504	3,504
BlackRock Investment Management (Australia) Limited	09-Mar-23	yes	6.81	on mkt buy	AUD	ORD	30,223	30,223
BlackRock Institutional Trust Company, National Association	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	1,261	1,261
BlackRock Institutional Trust Company, National Association	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	287	287
BlackRock Investment Management, LLC	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	436	436

Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management, LLC	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	1,910	1,910
BlackRock Investment Management, LLC	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	640	640
BlackRock Investment Management, LLC	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	2,804	2,804
BlackRock Investment Management, LLC	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	6,176	6,176
BlackRock Investment Management, LLC	09-Mar-23	yes	6.80	on mkt buy	AUD	ORD	27,014	27,014
BlackRock Advisors (UK) Limited	09-Mar-23	no	n/a	collateral transfer	AUD	ORD	5,968,861	5,968,861
BlackRock Financial Management, Inc.	09-Mar-23	no	n/a	collateral transfer	AUD	ORD	16,485	16,485
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.54	on mkt buy	AUD	ORD	2,553	2,553
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.52	on mkt buy	AUD	ORD	16,154	16,154
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.52	on mkt buy	AUD	ORD	2,569	2,569
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.52	on mkt buy	AUD	ORD	2,530	2,530
BlackRock Investment Management (Australia) Limited	10-Mar-23	yes	6.52	on mkt buy	AUD	ORD	252,797	252,797
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.53	on mkt buy	AUD	ORD	3,249	3,249
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.53	on mkt buy	AUD	ORD	99,336	99,336
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.53	on mkt buy	AUD	ORD	7,754	7,754
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.53	on mkt buy	AUD	ORD	50,226	50,226
BlackRock Institutional Trust Company, National Association	10-Mar-23	yes	6.53	on mkt buy	AUD	ORD	22,367	22,367
BlackRock Fund Advisors	10-Mar-23	no	n/a	in specie	AUD	ORD	18,260	18,260
BlackRock (Singapore) Limited	10-Mar-23	no	n/a	collateral transfer	AUD	ORD	5,458	5,458
BlackRock Advisors (UK) Limited	10-Mar-23	no	n/a	collateral transfer	AUD	ORD	276,382	276,382
BlackRock Asset Management North Asia Limited	10-Mar-23	no	n/a	collateral transfer	AUD	ORD	21,834	21,834
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.46	on mkt buy	AUD	ORD	430	430
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.46	on mkt buy	AUD	ORD	3,715	3,715
BlackRock Investment Management (Australia) Limited	13-Mar-23	yes	6.46	on mkt buy	AUD	ORD	562,727	562,727
BlackRock Advisors (UK) Limited	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	196	196
BlackRock Advisors, LLC	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	386	386
BlackRock Advisors, LLC	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	35,698	35,698
BlackRock Advisors, LLC	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	114	114
BlackRock Advisors, LLC	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	10,616	10,616
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	440	440
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	40,727	40,727
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	4,207	4,207
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	45	45
BlackRock Asset Management Canada Limited	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	115	115
BlackRock Asset Management Canada Limited	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	10,737	10,737
BlackRock Asset Management Canada Limited	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	448	448
BlackRock Asset Management Canada Limited	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	41,437	41,437
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	387	387
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	35,777	35,777
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	178	178
BlackRock Institutional Trust Company, National Association	13-Mar-23	yes	6.50	on mkt buy	AUD	ORD	16,487	16,487
BlackRock Japan Co., Ltd.	13-Mar-23	no	n/a	in specie	AUD	ORD	31,286	31,286
BlackRock Fund Advisors	13-Mar-23	no	n/a	in specie	AUD	ORD	1,986	1,986
BlackRock Japan Co., Ltd.	13-Mar-23	no	n/a	collateral transfer	AUD	ORD	15,371	15,371

Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed financial market		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	13-Mar-23	no	n/a	collateral transfer	AUD	ORD	3,373,642	3,373,642
BlackRock Investment Management (UK) Limited	13-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,288,282	1,288,282
BlackRock Asset Management Canada Limited	14-Mar-23	no	n/a	in specie	AUD	ORD	19,864	19,864
BlackRock Institutional Trust Company, National Association	14-Mar-23	yes	6.34	on mkt buy	AUD	ORD	1,192	1,192
BlackRock Institutional Trust Company, National Association	14-Mar-23	yes	6.34	on mkt buy	AUD	ORD	1,091	1,091
BlackRock Investment Management (Australia) Limited	14-Mar-23	yes	6.33	on mkt buy	AUD	ORD	4,602	4,602
BlackRock Institutional Trust Company, National Association	14-Mar-23	yes	6.34	on mkt buy	AUD	ORD	18,950	18,950
BlackRock Institutional Trust Company, National Association	14-Mar-23	yes	6.34	on mkt buy	AUD	ORD	1,889	1,889
BlackRock Institutional Trust Company, National Association	14-Mar-23	yes	6.34	on mkt buy	AUD	ORD	1,976	1,976
BlackRock Investment Management (Australia) Limited	14-Mar-23	yes	6.34	on mkt buy	AUD	ORD	6,042	6,042
BlackRock Investment Management (Australia) Limited	14-Mar-23	yes	6.35	on mkt buy	AUD	ORD	201,912	201,912
BlackRock Advisors (UK) Limited	14-Mar-23	yes	6.39	on mkt buy	AUD	ORD	1,113	1,113
BlackRock (Singapore) Limited	14-Mar-23	no	n/a	collateral transfer	AUD	ORD	41	41
BlackRock Financial Management, Inc.	14-Mar-23	no	n/a	collateral transfer	AUD	ORD	76	76
BlackRock Investment Management, LLC	14-Mar-23	no	n/a	collateral transfer	AUD	ORD	122	122
BlackRock Investment Management (Australia) Limited	15-Mar-23	yes	6.40	on mkt buy	AUD	ORD	371,638	371,638
BlackRock Advisors (UK) Limited	15-Mar-23	yes	6.42	on mkt buy	AUD	ORD	795	795
BlackRock Advisors (UK) Limited	15-Mar-23	yes	6.42	on mkt buy	AUD	ORD	832	832
BlackRock Advisors (UK) Limited	15-Mar-23	yes	6.42	on mkt buy	AUD	ORD	99	99
BlackRock (Singapore) Limited	15-Mar-23	no	n/a	collateral transfer	AUD	ORD	262,165	262,165
BlackRock Financial Management, Inc.	15-Mar-23	no	n/a	collateral transfer	AUD	ORD	167	167
BlackRock Investment Management, LLC	15-Mar-23	no	n/a	collateral transfer	AUD	ORD	152,867	152,867
BlackRock Investment Management (UK) Limited	15-Mar-23	no	n/a	collateral transfer	AUD	ORD	640,878	640,878
BlackRock Asset Management North Asia Limited	15-Mar-23	no	n/a	collateral transfer	AUD	ORD	33,162	33,162
BlackRock Investment Management (Australia) Limited	16-Mar-23	yes	6.33	on mkt buy	AUD	ORD	72,027	72,027
BlackRock Japan Co., Ltd.	16-Mar-23	yes	6.30	on mkt buy	AUD	ORD	18,029	18,029
BlackRock Advisors (UK) Limited	16-Mar-23	yes	6.30	on mkt buy	AUD	ORD	336	336
BlackRock Institutional Trust Company, National Association	16-Mar-23	yes	6.30	on mkt buy	AUD	ORD	166	166
BlackRock Institutional Trust Company, National Association	16-Mar-23	yes	6.30	on mkt buy	AUD	ORD	21,613	21,613
BlackRock (Singapore) Limited	16-Mar-23	no	n/a	collateral transfer	AUD	ORD	749,975	749,975
BlackRock Financial Management, Inc.	16-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,616,811	1,616,811
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	3,080	3,080
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	15,400	15,400
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	9,240	9,240
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	21,560	21,560
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	1,652	1,652
BlackRock Institutional Trust Company, National Association	17-Mar-23	yes	6.40	on mkt buy	AUD	ORD	1,056	1,056
BlackRock Investment Management (Australia) Limited	17-Mar-23	yes	6.32	on mkt buy	AUD	ORD	146,238	146,238
BlackRock Japan Co., Ltd.	17-Mar-23	yes	6.40	on mkt buy	AUD	ORD	18,029	18,029
BlackRock Investment Management (Australia) Limited	17-Mar-23	yes	6.41	on mkt buy	AUD	ORD	2,729	2,729
BlackRock Advisors (UK) Limited	17-Mar-23	yes	6.47	on mkt buy	AUD	ORD	800	800
BlackRock Advisors, LLC	17-Mar-23	yes	6.47	on mkt buy	AUD	ORD	7,632	7,632
BlackRock Asset Management Canada Limited	17-Mar-23	yes	6.47	on mkt buy	AUD	ORD	4,940	4,940
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	15,400	15,400
BlackRock Fund Advisors	17-Mar-23	no	n/a	in specie	AUD	ORD	12,320	12,320
BlackRock Investment Management, LLC	17-Mar-23	no	n/a	collateral transfer	AUD	ORD	1	1

Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed financial market		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	17-Mar-23	no	n/a	collateral transfer	AUD	ORD	3,586,875	3,586,875
BlackRock Fund Advisors	20-Mar-23	no	n/a	in specie	AUD	ORD	15,470	15,470
BlackRock Institutional Trust Company, National Association	20-Mar-23	yes	6.25	on mkt buy	AUD	ORD	5,251	5,251
BlackRock Advisors (UK) Limited	20-Mar-23	yes	6.22	on mkt buy	AUD	ORD	1,041	1,041
BlackRock Advisors (UK) Limited	20-Mar-23	yes	6.22	on mkt buy	AUD	ORD	347	347
BlackRock Japan Co., Ltd.	20-Mar-23	yes	6.25	on mkt buy	AUD	ORD	18,029	18,029
BlackRock Investment Management (Australia) Limited	20-Mar-23	yes	6.22	on mkt buy	AUD	ORD	20,144	20,144
BlackRock (Singapore) Limited	20-Mar-23	no	n/a	collateral transfer	AUD	ORD	347,028	347,028
BlackRock Advisors (UK) Limited	20-Mar-23	no	n/a	collateral transfer	AUD	ORD	36,848	36,848
BlackRock Financial Management, Inc.	20-Mar-23	no	n/a	collateral transfer	AUD	ORD	6,936	6,936
BlackRock Investment Management, LLC	20-Mar-23	no	n/a	collateral transfer	AUD	ORD	2,172,016	2,172,016
BlackRock Asset Management North Asia Limited	20-Mar-23	no	n/a	collateral transfer	AUD	ORD	8,413	8,413
BlackRock Investment Management (UK) Limited	21-Mar-23	yes	6.32	on mkt buy	AUD	ORD	27,615	27,615
BlackRock Japan Co., Ltd.	21-Mar-23	yes	6.32	on mkt buy	AUD	ORD	18,028	18,028
BlackRock Investment Management (Australia) Limited	21-Mar-23	yes	6.32	on mkt buy	AUD	ORD	993	993
BlackRock Institutional Trust Company, National Association	21-Mar-23	yes	6.32	on mkt buy	AUD	ORD	23,659	23,659
BlackRock Investment Management (Australia) Limited	21-Mar-23	yes	6.33	on mkt buy	AUD	ORD	9,661	9,661
BlackRock Investment Management (Australia) Limited	21-Mar-23	yes	6.33	on mkt buy	AUD	ORD	14,720	14,720
BlackRock Institutional Trust Company, National Association	21-Mar-23	yes	6.33	on mkt buy	AUD	ORD	109,741	109,741
BlackRock Institutional Trust Company, National Association	21-Mar-23	yes	6.33	on mkt buy	AUD	ORD	47,461	47,461
BlackRock Institutional Trust Company, National Association	21-Mar-23	yes	6.33	on mkt buy	AUD	ORD	17,100	17,100
BlackRock Advisors (UK) Limited	21-Mar-23	no	n/a	collateral transfer	AUD	ORD	2,423,922	2,423,922
BlackRock Financial Management, Inc.	21-Mar-23	no	n/a	collateral transfer	AUD	ORD	4,898	4,898
BlackRock Institutional Trust Company, National Association	22-Mar-23	yes	6.41	on mkt buy	AUD	ORD	16,284	16,284
BlackRock Japan Co., Ltd.	22-Mar-23	yes	6.41	on mkt buy	AUD	ORD	18,029	18,029
BlackRock Investment Management (Australia) Limited	22-Mar-23	yes	6.41	on mkt buy	AUD	ORD	9,552	9,552
BlackRock Advisors (UK) Limited	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	930	930
BlackRock Advisors, LLC	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	12,282	12,282
BlackRock Advisors, LLC	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	13,049	13,049
BlackRock Advisors, LLC	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	3,473	3,473
BlackRock Advisors, LLC	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	3,687	3,687
BlackRock Asset Management Canada Limited	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	3,341	3,341
BlackRock Asset Management Canada Limited	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	3,147	3,147
BlackRock Asset Management Canada Limited	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	11,851	11,851
BlackRock Asset Management Canada Limited	22-Mar-23	yes	6.44	on mkt buy	AUD	ORD	11,157	11,157
BlackRock Investment Management (UK) Limited	22-Mar-23	no	n/a	collateral transfer	AUD	ORD	4,271,273	4,271,273
BlackRock Institutional Trust Company, National Association	23-Mar-23	yes	6.43	on mkt buy	AUD	ORD	21,303	21,303
BlackRock Investment Management, LLC	23-Mar-23	yes	6.44	on mkt buy	AUD	ORD	880	880
BlackRock Investment Management, LLC	23-Mar-23	yes	6.44	on mkt buy	AUD	ORD	8,199	8,199
BlackRock Advisors (UK) Limited	23-Mar-23	no	n/a	collateral transfer	AUD	ORD	6,777,717	6,777,717
BlackRock Financial Management, Inc.	23-Mar-23	no	n/a	collateral transfer	AUD	ORD	9	9
BlackRock Institutional Trust Company, National Association	24-Mar-23	yes	6.42	on mkt buy	AUD	ORD	15,448	15,448
BlackRock Investment Management (Australia) Limited	24-Mar-23	yes	6.43	on mkt buy	AUD	ORD	3,905	3,905
BlackRock Institutional Trust Company, National Association	24-Mar-23	yes	6.43	on mkt buy	AUD	ORD	32,593	32,593

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	24-Mar-23	yes	6.43	on mkt buy	AUD	ORD	11,414	11,414
BlackRock Advisors (UK) Limited	24-Mar-23	no	n/a	collateral transfer	AUD	ORD	513,561	513,561
BlackRock Financial Management, Inc.	24-Mar-23	no	n/a	collateral transfer	AUD	ORD	13	13
BlackRock Investment Management (Australia) Limited	27-Mar-23	no	n/a	in specie	AUD	ORD	46,332	46,332
BlackRock Institutional Trust Company, National Association	27-Mar-23	yes	6.51	on mkt buy	AUD	ORD	9,237	9,237
BlackRock Advisors (UK) Limited	27-Mar-23	yes	6.50	on mkt buy	AUD	ORD	1,752	1,752
BlackRock Investment Management (UK) Limited	27-Mar-23	no	n/a	collateral transfer	AUD	ORD	2,588	2,588
BlackRock Fund Advisors	28-Mar-23	no	n/a	in specie	AUD	ORD	2,610	2,610
BlackRock Institutional Trust Company, National Association	28-Mar-23	yes	6.49	on mkt buy	AUD	ORD	2,698	2,698
BlackRock Advisors (UK) Limited	28-Mar-23	yes	6.49	on mkt buy	AUD	ORD	2,964	2,964
BlackRock Advisors (UK) Limited	28-Mar-23	yes	6.49	on mkt buy	AUD	ORD	468	468
BlackRock Advisors, LLC	28-Mar-23	yes	6.49	on mkt buy	AUD	ORD	26,652	26,652
BlackRock (Singapore) Limited	28-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,000,696	1,000,696
BlackRock Financial Management, Inc.	28-Mar-23	no	n/a	collateral transfer	AUD	ORD	1,634,576	1,634,576
BlackRock Investment Management, LLC	28-Mar-23	no	n/a	collateral transfer	AUD	ORD	134	134
BlackRock Investment Management (UK) Limited	28-Mar-23	no	n/a	collateral transfer	AUD	ORD	29,103	29,103
BlackRock Institutional Trust Company, National Association	29-Mar-23	yes	6.48	on mkt buy	AUD	ORD	4,358	4,358
BlackRock Advisors (UK) Limited	29-Mar-23	yes	6.49	on mkt buy	AUD	ORD	483	483
BlackRock Advisors (UK) Limited	29-Mar-23	yes	6.49	on mkt buy	AUD	ORD	1,932	1,932
BlackRock Advisors (UK) Limited	29-Mar-23	yes	6.49	on mkt buy	AUD	ORD	1,127	1,127
BlackRock Advisors (UK) Limited	29-Mar-23	no	n/a	collateral transfer	AUD	ORD	928,470	928,470
BlackRock Fund Advisors	30-Mar-23	no	n/a	in specie	AUD	ORD	3,132	3,132
BlackRock Institutional Trust Company, National Association	30-Mar-23	yes	6.59	on mkt buy	AUD	ORD	3,724	3,724
BlackRock Advisors (UK) Limited	30-Mar-23	yes	6.60	on mkt buy	AUD	ORD	1,754	1,754
BlackRock (Singapore) Limited	30-Mar-23	no	n/a	collateral transfer	AUD	ORD	252,298	252,298
BlackRock Financial Management, Inc.	30-Mar-23	no	n/a	collateral transfer	AUD	ORD	2,932,745	2,932,745
BlackRock Investment Management (UK) Limited	30-Mar-23	no	n/a	collateral transfer	AUD	ORD	3,185,128	3,185,128
BlackRock Fund Advisors	31-Mar-23	no	n/a	in specie	AUD	ORD	6,242	6,242
BlackRock Fund Advisors	31-Mar-23	no	n/a	in specie	AUD	ORD	3,121	3,121
BlackRock Institutional Trust Company, National Association	31-Mar-23	yes	6.63	on mkt buy	AUD	ORD	8,371	8,371
BlackRock Advisors (UK) Limited	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	1,774	1,774
BlackRock Investment Management (Australia) Limited	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	5,361	5,361
BlackRock Investment Management (Australia) Limited	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	149,127	149,127
BlackRock Investment Management (Australia) Limited	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	14,901	14,901
BlackRock Advisors, LLC	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	2,681	2,681
BlackRock Advisors, LLC	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	23,055	23,055
BlackRock Asset Management Canada Limited	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	2,479	2,479
BlackRock Asset Management Canada Limited	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	11,354	11,354
BlackRock Institutional Trust Company, National Association	31-Mar-23	yes	6.62	on mkt buy	AUD	ORD	1,218	1,218
BlackRock (Singapore) Limited	31-Mar-23	no	n/a	collateral transfer	AUD	ORD	759,718	759,718
BlackRock Advisors (UK) Limited	31-Mar-23	no	n/a	collateral transfer	AUD	ORD	6,339,387	6,339,387
BlackRock Investment Management, LLC	31-Mar-23	no	n/a	collateral transfer	AUD	ORD	337,135	337,135
BlackRock Institutional Trust Company, National Association	03-Apr-23	yes	6.67	on mkt buy	AUD	ORD	6,769	6,769
BlackRock Investment Management (Australia) Limited	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	18,400	18,400
BlackRock Advisors (UK) Limited	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	474	474
BlackRock Advisors (UK) Limited	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	168	168
BlackRock Advisors (UK) Limited	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	810	810

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	16,053	16,053
BlackRock Institutional Trust Company, National Association	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	38,700	38,700
BlackRock Investment Management, LLC	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	1,084	1,084
BlackRock Institutional Trust Company, National Association	03-Apr-23	yes	6.70	on mkt buy	AUD	ORD	22,549	22,549
BlackRock Fund Advisors	03-Apr-23	no	n/a	in specie	AUD	ORD	12,540	12,540
BlackRock (Singapore) Limited	03-Apr-23	no	n/a	collateral transfer	AUD	ORD	1,797	1,797
BlackRock Fund Advisors	04-Apr-23	no	n/a	in specie	AUD	ORD	1,776	1,776
BlackRock Institutional Trust Company, National Association	04-Apr-23	yes	6.76	on mkt buy	AUD	ORD	14,472	14,472
BlackRock Advisors (UK) Limited	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	2,320	2,320
BlackRock Advisors (UK) Limited	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	169	169
BlackRock Advisors (UK) Limited	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	190	190
BlackRock Advisors (UK) Limited	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	190	190
BlackRock Investment Management (Australia) Limited	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	2,658	2,658
BlackRock Institutional Trust Company, National Association	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	37,602	37,602
BlackRock Institutional Trust Company, National Association	04-Apr-23	yes	6.79	on mkt buy	AUD	ORD	8,840	8,840
BlackRock Investment Management, LLC	04-Apr-23	no	n/a	collateral transfer	AUD	ORD	377,253	377,253
BlackRock Investment Management (UK) Limited	04-Apr-23	no	n/a	collateral transfer	AUD	ORD	220,628	220,628
BlackRock Fund Advisors	05-Apr-23	no	n/a	in specie	AUD	ORD	7,304	7,304
BlackRock Fund Advisors	05-Apr-23	no	n/a	in specie	AUD	ORD	7,304	7,304
BlackRock Institutional Trust Company, National Association	05-Apr-23	yes	6.80	on mkt buy	AUD	ORD	3,712	3,712
BlackRock Investment Management (UK) Limited	05-Apr-23	yes	6.80	on mkt buy	AUD	ORD	376,095	376,095
BlackRock Institutional Trust Company, National Association	05-Apr-23	yes	6.80	on mkt buy	AUD	ORD	4,582	4,582
BlackRock Investment Management (UK) Limited	05-Apr-23	yes	6.80	on mkt buy	AUD	ORD	6,986	6,986
BlackRock Investment Management (Australia) Limited	05-Apr-23	yes	6.79	on mkt buy	AUD	ORD	15,070	15,070
BlackRock Advisors (UK) Limited	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	1,590	1,590
BlackRock Advisors (UK) Limited	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	190	190
BlackRock Advisors (UK) Limited	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	312	312
BlackRock Advisors, LLC	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	19,158	19,158
BlackRock Advisors, LLC	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	4,823	4,823
BlackRock Advisors (UK) Limited	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	7,104	7,104
BlackRock Advisors (UK) Limited	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	4,929	4,929
BlackRock Asset Management Canada Limited	05-Apr-23	yes	6.78	on mkt buy	AUD	ORD	24,160	24,160
BlackRock Advisors (UK) Limited	05-Apr-23	no	n/a	collateral transfer	AUD	ORD	5,901,889	5,901,889
BlackRock Institutional Trust Company, National Association	06-Apr-23	yes	6.62	on mkt buy	AUD	ORD	767	767
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	38,640	38,640
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	9,200	9,200
BlackRock Advisors (UK) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	1,064	1,064
BlackRock Advisors (UK) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	190	190
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	30,008	30,008
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	983	983
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	7,875	7,875
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	10,657	10,657
BlackRock Investment Management (Australia) Limited	06-Apr-23	yes	6.57	on mkt buy	AUD	ORD	15,074	15,074
BlackRock (Singapore) Limited	06-Apr-23	no	n/a	collateral transfer	AUD	ORD	1,008,121	1,008,121
BlackRock Financial Management, Inc.	06-Apr-23	no	n/a	collateral transfer	AUD	ORD	1,606,608	1,606,608
BlackRock Investment Management (UK) Limited	06-Apr-23	no	n/a	collateral transfer	AUD	ORD	557,581	557,581
BlackRock Advisors (UK) Limited	07-Apr-23	no	n/a	collateral transfer	AUD	ORD	3,171,022	3,171,022



Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock (Singapore) Limited	10-Apr-23	no	n/a	collateral transfer	AUD	ORD	229,754	229,754
BlackRock Financial Management, Inc.	10-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,941,766	2,941,766
BlackRock Investment Management (UK) Limited	10-Apr-23	no	n/a	collateral transfer	AUD	ORD	390	390
BlackRock Fund Advisors	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	5,178	5,178
BlackRock Investment Management (Australia) Limited	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	2,378	2,378
BlackRock Institutional Trust Company, National Association	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	2,410	2,410
BlackRock Institutional Trust Company, National Association	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	6,997	6,997
BlackRock Advisors, LLC	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	3,091	3,091
BlackRock International Limited	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	1,822	1,822
BlackRock Investment Management, LLC	11-Apr-23	yes	6.65	on mkt buy	AUD	ORD	1,872	1,872
BlackRock Investment Management (Australia) Limited	11-Apr-23	yes	6.64	on mkt buy	AUD	ORD	12,157	12,157
BlackRock Institutional Trust Company, National Association	11-Apr-23	yes	6.64	on mkt buy	AUD	ORD	2,502	2,502
BlackRock Institutional Trust Company, National Association	11-Apr-23	yes	6.64	on mkt buy	AUD	ORD	7,712	7,712
BlackRock Institutional Trust Company, National Association	11-Apr-23	yes	6.64	on mkt buy	AUD	ORD	1,079	1,079
BlackRock Fund Advisors	11-Apr-23	yes	6.64	on mkt buy	AUD	ORD	19,318	19,318
BlackRock Institutional Trust Company, National Association	11-Apr-23	yes	6.64	on mkt buy	AUD	ORD	9,580	9,580
BlackRock Advisors (UK) Limited	11-Apr-23	no	n/a	collateral transfer	AUD	ORD	102,453	102,453
BlackRock Investment Management (UK) Limited	11-Apr-23	no	n/a	collateral transfer	AUD	ORD	736,761	736,761
BlackRock Institutional Trust Company, National Association	12-Apr-23	yes	6.53	on mkt buy	AUD	ORD	744	744
BlackRock Advisors (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	1,920	1,920
BlackRock Advisors (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	102	102
BlackRock Advisors (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	936	936
BlackRock Advisors (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	9,623	9,623
BlackRock Investment Management (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	3,474	3,474
BlackRock Advisors (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	7,370	7,370
BlackRock Advisors (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	5,058	5,058
BlackRock Investment Management (UK) Limited	12-Apr-23	yes	6.50	on mkt buy	AUD	ORD	9,091	9,091
BlackRock Japan Co., Ltd.	12-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,135,456	2,135,456
BlackRock Advisors (UK) Limited	12-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,702,852	2,702,852
BlackRock Investment Management (Australia) Limited	13-Apr-23	yes	6.39	on mkt buy	AUD	ORD	41,717	41,717
BlackRock Advisors (UK) Limited	13-Apr-23	yes	6.46	on mkt buy	AUD	ORD	863	863
BlackRock Advisors (UK) Limited	13-Apr-23	yes	6.46	on mkt buy	AUD	ORD	312	312
BlackRock Institutional Trust Company, National Association	13-Apr-23	yes	6.46	on mkt buy	AUD	ORD	6,801	6,801
BlackRock Fund Advisors	13-Apr-23	no	n/a	in specie	AUD	ORD	18,470	18,470
BlackRock (Singapore) Limited	13-Apr-23	no	n/a	collateral transfer	AUD	ORD	374,691	374,691
BlackRock Financial Management, Inc.	13-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,193,346	2,193,346
BlackRock Investment Management (UK) Limited	13-Apr-23	no	n/a	collateral transfer	AUD	ORD	1,237,863	1,237,863
BlackRock Investment Management (Australia) Limited	14-Apr-23	yes	6.50	on mkt buy	AUD	ORD	6,040	6,040
BlackRock Investment Management (Australia) Limited	14-Apr-23	yes	6.50	on mkt buy	AUD	ORD	10,604	10,604
BlackRock Investment Management (Australia) Limited	14-Apr-23	yes	6.50	on mkt buy	AUD	ORD	9,190	9,190
BlackRock Advisors (UK) Limited	14-Apr-23	yes	6.50	on mkt buy	AUD	ORD	780	780
BlackRock Fund Advisors	14-Apr-23	no	n/a	in specie	AUD	ORD	5,346	5,346
BlackRock Advisors (UK) Limited	14-Apr-23	no	n/a	collateral transfer	AUD	ORD	3,107,800	3,107,800
BlackRock Fund Advisors	17-Apr-23	no	n/a	in specie	AUD	ORD	14,776	14,776
BlackRock Fund Advisors	17-Apr-23	no	n/a	in specie	AUD	ORD	7,388	7,388
BlackRock Advisors (UK) Limited	17-Apr-23	yes	6.62	on mkt buy	AUD	ORD	9,482	9,482
BlackRock Investment Management, LLC	17-Apr-23	no	n/a	collateral transfer	AUD	ORD	53,261	53,261

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Fund Advisors	18-Apr-23	no	n/a	in specie	AUD	ORD	25,914	25,914
BlackRock Fund Advisors	18-Apr-23	no	n/a	in specie	AUD	ORD	7,388	7,388
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	6.57	on mkt buy	AUD	ORD	12,866	12,866
BlackRock Advisors (UK) Limited	18-Apr-23	yes	6.57	on mkt buy	AUD	ORD	1,628	1,628
BlackRock Advisors (UK) Limited	18-Apr-23	yes	6.57	on mkt buy	AUD	ORD	95	95
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	6.57	on mkt buy	AUD	ORD	16,964	16,964
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	6.57	on mkt buy	AUD	ORD	17,076	17,076
BlackRock Investment Management (UK) Limited	18-Apr-23	yes	6.57	on mkt buy	AUD	ORD	8,287	8,287
BlackRock Advisors (UK) Limited	18-Apr-23	no	n/a	collateral transfer	AUD	ORD	445,838	445,838
BlackRock Investment Management (UK) Limited	19-Apr-23	yes	6.58	on mkt buy	AUD	ORD	48,667	48,667
BlackRock Asset Management North Asia Limited	19-Apr-23	yes	6.58	on mkt buy	AUD	ORD	227,029	227,029
BlackRock Investment Management (Australia) Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	9,244	9,244
BlackRock Investment Management (Australia) Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	17,669	17,669
BlackRock Investment Management (Australia) Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	74,945	74,945
BlackRock Investment Management (UK) Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	180,042	180,042
BlackRock Asset Management North Asia Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	839,862	839,862
BlackRock Advisors (UK) Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	1,600	1,600
BlackRock Investment Management (UK) Limited	19-Apr-23	yes	6.55	on mkt buy	AUD	ORD	6,761	6,761
BlackRock Fund Advisors	19-Apr-23	no	n/a	in specie	AUD	ORD	3,702	3,702
BlackRock Advisors (UK) Limited	19-Apr-23	no	n/a	collateral transfer	AUD	ORD	5,978,254	5,978,254
BlackRock Japan Co., Ltd.	20-Apr-23	yes	6.55	on mkt buy	AUD	ORD	2,426	2,426
BlackRock Japan Co., Ltd.	20-Apr-23	yes	6.55	on mkt buy	AUD	ORD	2,830	2,830
BlackRock Japan Co., Ltd.	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock (Singapore) Limited	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	780,982	780,982
BlackRock Financial Management, Inc.	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	1,706	1,706
BlackRock Investment Management, LLC	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	283,129	283,129
BlackRock Investment Management (UK) Limited	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,107,728	2,107,728
BlackRock Asset Management North Asia Limited	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	3,252	3,252
BlackRock Fund Advisors	21-Apr-23	no	n/a	in specie	AUD	ORD	914	914
BlackRock Fund Advisors	21-Apr-23	no	n/a	in specie	AUD	ORD	6,154	6,154
BlackRock Fund Advisors	21-Apr-23	no	n/a	in specie	AUD	ORD	1,785	1,785
BlackRock Institutional Trust Company, National Association	21-Apr-23	yes	6.60	on mkt buy	AUD	ORD	750	750
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	6.61	on mkt buy	AUD	ORD	4,073	4,073
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	6.61	on mkt buy	AUD	ORD	36,299	36,299
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	6.62	on mkt buy	AUD	ORD	11,028	11,028
BlackRock Advisors (UK) Limited	21-Apr-23	yes	6.62	on mkt buy	AUD	ORD	740	740
BlackRock Investment Management (UK) Limited	21-Apr-23	yes	6.62	on mkt buy	AUD	ORD	11,682	11,682
BlackRock Investment Management (UK) Limited	21-Apr-23	yes	6.62	on mkt buy	AUD	ORD	26,310	26,310
BlackRock Investment Management (UK) Limited	21-Apr-23	yes	6.62	on mkt buy	AUD	ORD	5,758	5,758
BlackRock Investment Management (UK) Limited	21-Apr-23	yes	6.62	on mkt buy	AUD	ORD	2,557	2,557
BlackRock Fund Advisors	21-Apr-23	no	n/a	in specie	AUD	ORD	1,851	1,851
BlackRock Investment Management (Australia) Limited	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	20,218	20,218
BlackRock Investment Management (Australia) Limited	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	9,190	9,190
BlackRock Advisors (UK) Limited	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	520	520
BlackRock Fund Advisors	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	8,842	8,842

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	7,230	7,230
BlackRock Advisors, LLC	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	68,420	68,420
BlackRock Institutional Trust Company, National Association	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	3,796	3,796
BlackRock Institutional Trust Company, National Association	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	13,126	13,126
BlackRock Advisors, LLC	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	5,949	5,949
BlackRock International Limited	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	3,691	3,691
BlackRock Investment Management, LLC	24-Apr-23	yes	6.61	on mkt buy	AUD	ORD	3,596	3,596
BlackRock Fund Advisors	24-Apr-23	no	n/a	in specie	AUD	ORD	9,342	9,342
BlackRock (Singapore) Limited	24-Apr-23	no	n/a	collateral transfer	AUD	ORD	15,698	15,698
BlackRock Advisors (UK) Limited	24-Apr-23	no	n/a	collateral transfer	AUD	ORD	4,106,100	4,106,100
BlackRock Financial Management, Inc.	24-Apr-23	no	n/a	collateral transfer	AUD	ORD	31,655	31,655
BlackRock Investment Management, LLC	24-Apr-23	no	n/a	collateral transfer	AUD	ORD	125,129	125,129
BlackRock Investment Management (UK) Limited	24-Apr-23	no	n/a	collateral transfer	AUD	ORD	96,082	96,082
BlackRock Asset Management North Asia Limited	24-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,406	2,406
BlackRock Fund Advisors	25-Apr-23	no	n/a	in specie	AUD	ORD	1,851	1,851
BlackRock Fund Advisors	25-Apr-23	no	n/a	in specie	AUD	ORD	3,152	3,152
BlackRock Fund Advisors	25-Apr-23	no	n/a	in specie	AUD	ORD	1,851	1,851
BlackRock (Singapore) Limited	25-Apr-23	no	n/a	collateral transfer	AUD	ORD	939,271	939,271
BlackRock Investment Management, LLC	25-Apr-23	no	n/a	collateral transfer	AUD	ORD	348,606	348,606
BlackRock Investment Management (UK) Limited	25-Apr-23	no	n/a	collateral transfer	AUD	ORD	1,614,753	1,614,753
BlackRock Fund Advisors	26-Apr-23	no	n/a	in specie	AUD	ORD	15,808	15,808
BlackRock Investment Management (Australia) Limited	26-Apr-23	yes	6.66	on mkt buy	AUD	ORD	6,546	6,546
BlackRock Advisors (UK) Limited	26-Apr-23	yes	6.68	on mkt buy	AUD	ORD	202	202
BlackRock Fund Advisors	26-Apr-23	yes	6.68	on mkt buy	AUD	ORD	19,635	19,635
BlackRock Fund Advisors	26-Apr-23	no	n/a	in specie	AUD	ORD	14,776	14,776
BlackRock Japan Co., Ltd.	26-Apr-23	no	n/a	collateral transfer	AUD	ORD	5	5
BlackRock Advisors (UK) Limited	26-Apr-23	no	n/a	collateral transfer	AUD	ORD	2,829,392	2,829,392
BlackRock Japan Co., Ltd.	27-Apr-23	yes	6.55	on mkt buy	AUD	ORD	2,694	2,694
BlackRock Japan Co., Ltd.	27-Apr-23	yes	6.55	on mkt buy	AUD	ORD	3,216	3,216
BlackRock Investment Management (UK) Limited	27-Apr-23	yes	6.55	on mkt buy	AUD	ORD	7,257	7,257
BlackRock Investment Management (UK) Limited	27-Apr-23	no	n/a	collateral transfer	AUD	ORD	3,207,401	3,207,401
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	6.61	on mkt buy	AUD	ORD	6,717	6,717
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	6.60	on mkt buy	AUD	ORD	9,190	9,190
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	6.60	on mkt buy	AUD	ORD	18,380	18,380
BlackRock Advisors (UK) Limited	28-Apr-23	yes	6.60	on mkt buy	AUD	ORD	11,465	11,465
BlackRock Fund Advisors	28-Apr-23	no	n/a	in specie	AUD	ORD	18,470	18,470
BlackRock Advisors (UK) Limited	28-Apr-23	no	n/a	collateral transfer	AUD	ORD	5,463,454	5,463,454
BlackRock Financial Management, Inc.	28-Apr-23	no	n/a	collateral transfer	AUD	ORD	2	2
BlackRock Investment Management, LLC	28-Apr-23	no	n/a	collateral transfer	AUD	ORD	167,845	167,845
BlackRock Investment Management (UK) Limited	28-Apr-23	no	n/a	collateral transfer	AUD	ORD	114,158	114,158
BlackRock Fund Advisors	01-May-23	no	n/a	in specie	AUD	ORD	11,082	11,082
BlackRock (Singapore) Limited	01-May-23	no	n/a	collateral transfer	AUD	ORD	11,773	11,773
BlackRock Financial Management, Inc.	01-May-23	no	n/a	collateral transfer	AUD	ORD	32,724	32,724
BlackRock Investment Management, LLC	01-May-23	no	n/a	collateral transfer	AUD	ORD	731,806	731,806
BlackRock Asset Management North Asia Limited	01-May-23	no	n/a	collateral transfer	AUD	ORD	2,518	2,518
BlackRock Investment Management, LLC	02-May-23	no	n/a	in specie	AUD	ORD	69,086	69,086
BlackRock Investment Management (Australia) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	14,704	14,704

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	3,436	3,436
BlackRock Institutional Trust Company, National Association	02-May-23	yes	6.54	on mkt buy	AUD	ORD	123,381	123,381
BlackRock Advisors (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	5,245	5,245
BlackRock Advisors (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	19,502	19,502
BlackRock Investment Management (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	896	896
BlackRock Investment Management (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	242	242
BlackRock International Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	1,418	1,418
BlackRock International Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	5,269	5,269
BlackRock Fund Advisors	02-May-23	yes	6.54	on mkt buy	AUD	ORD	6,330	6,330
BlackRock Fund Advisors	02-May-23	yes	6.54	on mkt buy	AUD	ORD	23,545	23,545
BlackRock Advisors (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	14,502	14,502
BlackRock Advisors (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	10,014	10,014
BlackRock Investment Management (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	2,502	2,502
BlackRock Investment Management (UK) Limited	02-May-23	yes	6.54	on mkt buy	AUD	ORD	9,309	9,309
BlackRock Advisors (UK) Limited	02-May-23	no	n/a	collateral transfer	AUD	ORD	3,385,668	3,385,668
BlackRock Investment Management (UK) Limited	03-May-23	yes	6.49	on mkt buy	AUD	ORD	437,557	437,557
BlackRock Fund Advisors	03-May-23	yes	6.49	on mkt buy	AUD	ORD	17,092	17,092
BlackRock Financial Management, Inc.	03-May-23	yes	6.49	on mkt buy	AUD	ORD	3,614	3,614
BlackRock Institutional Trust Company, National Association	03-May-23	yes	6.49	on mkt buy	AUD	ORD	9,838	9,838
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.49	on mkt buy	AUD	ORD	6,081	6,081
BlackRock Advisors (UK) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	2,151	2,151
BlackRock Advisors (UK) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	1,804	1,804
BlackRock Advisors (UK) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	492	492
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	16,698	16,698
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	1,025	1,025
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	22,871	22,871
BlackRock Advisors (UK) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	41,214	41,214
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	6,342	6,342
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	4,416	4,416
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	5,304	5,304
BlackRock Investment Management (Australia) Limited	03-May-23	yes	6.51	on mkt buy	AUD	ORD	8,476	8,476
BlackRock Investment Management, LLC	03-May-23	no	n/a	collateral transfer	AUD	ORD	1,065	1,065
BlackRock Investment Management (UK) Limited	03-May-23	no	n/a	collateral transfer	AUD	ORD	27,278	27,278
BlackRock Advisors (UK) Limited	04-May-23	yes	6.35	on mkt buy	AUD	ORD	2,934	2,934
BlackRock Investment Management, LLC	04-May-23	yes	6.35	on mkt buy	AUD	ORD	2,913	2,913
BlackRock Institutional Trust Company, National Association	04-May-23	yes	6.35	on mkt buy	AUD	ORD	2,417	2,417
BlackRock Advisors (UK) Limited	04-May-23	yes	6.35	on mkt buy	AUD	ORD	2,817	2,817
BlackRock Investment Management, LLC	04-May-23	yes	6.35	on mkt buy	AUD	ORD	4,623	4,623
BlackRock (Singapore) Limited	04-May-23	no	n/a	collateral transfer	AUD	ORD	9,026	9,026
BlackRock Advisors (UK) Limited	04-May-23	no	n/a	collateral transfer	AUD	ORD	964,307	964,307
BlackRock Financial Management, Inc.	04-May-23	no	n/a	collateral transfer	AUD	ORD	16,403	16,403
BlackRock Investment Management, LLC	04-May-23	no	n/a	collateral transfer	AUD	ORD	50,631	50,631
BlackRock Investment Management (UK) Limited	04-May-23	no	n/a	collateral transfer	AUD	ORD	40,540	40,540
BlackRock Asset Management North Asia Limited	04-May-23	no	n/a	collateral transfer	AUD	ORD	1,326	1,326
BlackRock Advisors (UK) Limited	05-May-23	yes	6.32	on mkt buy	AUD	ORD	2,432	2,432
BlackRock Advisors (UK) Limited	05-May-23	yes	6.32	on mkt buy	AUD	ORD	872	872
BlackRock Advisors (UK) Limited	05-May-23	yes	6.32	on mkt buy	AUD	ORD	872	872
BlackRock Institutional Trust Company, National Association	05-May-23	yes	6.32	on mkt buy	AUD	ORD	23,419	23,419

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock (Singapore) Limited	05-May-23	no	n/a	collateral transfer	AUD	ORD	353,850	353,850
BlackRock Financial Management, Inc.	05-May-23	no	n/a	collateral transfer	AUD	ORD	503	503
BlackRock Investment Management, LLC	05-May-23	no	n/a	collateral transfer	AUD	ORD	656,992	656,992
BlackRock Investment Management (UK) Limited	05-May-23	no	n/a	collateral transfer	AUD	ORD	234,861	234,861
BlackRock Asset Management North Asia Limited	05-May-23	no	n/a	collateral transfer	AUD	ORD	57	57
BlackRock Investment Management (Australia) Limited	08-May-23	yes	6.37	on mkt buy	AUD	ORD	23,519	23,519
BlackRock Investment Management (Australia) Limited	08-May-23	yes	6.37	on mkt buy	AUD	ORD	11,100	11,100
BlackRock Fund Advisors	08-May-23	yes	6.37	on mkt buy	AUD	ORD	8,022	8,022
BlackRock Fund Advisors	08-May-23	yes	6.37	on mkt buy	AUD	ORD	17,530	17,530
BlackRock Advisors (UK) Limited	08-May-23	no	n/a	collateral transfer	AUD	ORD	806,164	806,164
BlackRock Financial Management, Inc.	09-May-23	yes	6.38	on mkt buy	AUD	ORD	33,209	33,209
BlackRock Advisors (UK) Limited	09-May-23	yes	6.39	on mkt buy	AUD	ORD	700	700
BlackRock Advisors (UK) Limited	09-May-23	yes	6.39	on mkt buy	AUD	ORD	775	775
BlackRock Advisors (UK) Limited	09-May-23	yes	6.39	on mkt buy	AUD	ORD	1,240	1,240
BlackRock Advisors (UK) Limited	09-May-23	yes	6.39	on mkt buy	AUD	ORD	520	520
BlackRock Advisors (UK) Limited	09-May-23	yes	6.39	on mkt buy	AUD	ORD	687	687
BlackRock Investment Management (UK) Limited	09-May-23	no	n/a	collateral transfer	AUD	ORD	774,223	774,223
BlackRock Investment Management (Australia) Limited	10-May-23	yes	6.32	on mkt buy	AUD	ORD	26,511	26,511
BlackRock Advisors (UK) Limited	10-May-23	yes	6.32	on mkt buy	AUD	ORD	11,344	11,344
BlackRock Advisors (UK) Limited	10-May-23	yes	6.32	on mkt buy	AUD	ORD	7,439	7,439
BlackRock Investment Management (UK) Limited	10-May-23	yes	6.32	on mkt buy	AUD	ORD	10,891	10,891
BlackRock Fund Advisors	11-May-23	no	n/a	in specie	AUD	ORD	3,152	3,152
BlackRock Investment Management (Australia) Limited	11-May-23	yes	6.31	on mkt buy	AUD	ORD	129,712	129,712
BlackRock Investment Management (Australia) Limited	11-May-23	yes	6.32	on mkt buy	AUD	ORD	8,097	8,097
BlackRock Advisors (UK) Limited	11-May-23	yes	6.35	on mkt buy	AUD	ORD	648	648
BlackRock Financial Management, Inc.	11-May-23	yes	6.35	on mkt buy	AUD	ORD	4,803	4,803
BlackRock Advisors (UK) Limited	11-May-23	no	n/a	collateral transfer	AUD	ORD	410,384	410,384
BlackRock Fund Advisors	12-May-23	no	n/a	in specie	AUD	ORD	7,000	7,000
BlackRock Investment Management (Australia) Limited	12-May-23	yes	6.26	on mkt buy	AUD	ORD	9,598	9,598
BlackRock Investment Management (Australia) Limited	12-May-23	yes	6.26	on mkt buy	AUD	ORD	42,244	42,244
BlackRock Institutional Trust Company, National Association	12-May-23	yes	6.25	on mkt buy	AUD	ORD	19,553	19,553
BlackRock Institutional Trust Company, National Association	12-May-23	yes	6.25	on mkt buy	AUD	ORD	5,167	5,167
BlackRock Institutional Trust Company, National Association	12-May-23	yes	6.25	on mkt buy	AUD	ORD	4,269	4,269
BlackRock Investment Management (Australia) Limited	12-May-23	yes	6.25	on mkt buy	AUD	ORD	22,200	22,200
BlackRock Advisors (UK) Limited	12-May-23	yes	6.25	on mkt buy	AUD	ORD	686	686
BlackRock Investment Management (Australia) Limited	12-May-23	yes	6.25	on mkt buy	AUD	ORD	49,133	49,133
BlackRock Fund Advisors	12-May-23	yes	6.25	on mkt buy	AUD	ORD	23,405	23,405
BlackRock (Netherlands) B.V.	12-May-23	yes	6.25	on mkt buy	AUD	ORD	39,017	39,017
BlackRock Investment Management (UK) Limited	12-May-23	no	n/a	collateral transfer	AUD	ORD	2,578,644	2,578,644
BlackRock Investment Management (Australia) Limited	15-May-23	yes	6.33	on mkt buy	AUD	ORD	18,935	18,935
BlackRock Investment Management (UK) Limited	15-May-23	yes	6.37	on mkt buy	AUD	ORD	8,265	8,265
BlackRock Fund Advisors	15-May-23	no	n/a	in specie	AUD	ORD	6,354	6,354
BlackRock Fund Advisors	15-May-23	no	n/a	in specie	AUD	ORD	2,020	2,020
BlackRock Advisors (UK) Limited	16-May-23	yes	6.30	on mkt buy	AUD	ORD	8,965	8,965
BlackRock Advisors (UK) Limited	16-May-23	yes	6.30	on mkt buy	AUD	ORD	6,142	6,142
BlackRock Investment Management (UK) Limited	16-May-23	yes	6.30	on mkt buy	AUD	ORD	7,849	7,849
BlackRock Fund Advisors	16-May-23	no	n/a	in specie	AUD	ORD	9,009	9,009
BlackRock (Singapore) Limited	16-May-23	no	n/a	collateral transfer	AUD	ORD	71,513	71,513

Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed financial market		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Financial Management, Inc.	16-May-23	no	n/a	collateral transfer	AUD	ORD	902,607	902,607
BlackRock Fund Advisors	17-May-23	no	n/a	in specie	AUD	ORD	1,630	1,630
BlackRock Investment Management (Australia) Limited	17-May-23	yes	6.34	on mkt buy	AUD	ORD	3,150	3,150
BlackRock Investment Management (Australia) Limited	17-May-23	yes	6.34	on mkt buy	AUD	ORD	74,168	74,168
BlackRock Investment Management (Australia) Limited	17-May-23	yes	6.36	on mkt buy	AUD	ORD	44,400	44,400
BlackRock Investment Management (Australia) Limited	17-May-23	yes	6.36	on mkt buy	AUD	ORD	19,066	19,066
BlackRock Fund Advisors	17-May-23	no	n/a	in specie	AUD	ORD	3,224	3,224
BlackRock Fund Advisors	18-May-23	no	n/a	in specie	AUD	ORD	5,226	5,226
BlackRock Investment Management (Australia) Limited	18-May-23	yes	6.45	on mkt buy	AUD	ORD	62,900	62,900
BlackRock Japan Co., Ltd.	18-May-23	yes	6.45	on mkt buy	AUD	ORD	5,440	5,440
BlackRock Japan Co., Ltd.	18-May-23	yes	6.45	on mkt buy	AUD	ORD	3,059	3,059
BlackRock Japan Co., Ltd.	18-May-23	yes	6.45	on mkt buy	AUD	ORD	3,724	3,724
BlackRock Japan Co., Ltd.	18-May-23	yes	6.45	on mkt buy	AUD	ORD	5,514	5,514
BlackRock Investment Management, LLC	18-May-23	yes	6.45	on mkt buy	AUD	ORD	6,804	6,804
BlackRock Fund Advisors	18-May-23	no	n/a	in specie	AUD	ORD	6,834	6,834
BlackRock (Singapore) Limited	18-May-23	no	n/a	collateral transfer	AUD	ORD	140,051	140,051
BlackRock Advisors (UK) Limited	18-May-23	no	n/a	collateral transfer	AUD	ORD	662,647	662,647
BlackRock Financial Management, Inc.	18-May-23	no	n/a	collateral transfer	AUD	ORD	1,754,560	1,754,560
BlackRock Investment Management (Australia) Limited	19-May-23	yes	6.49	on mkt buy	AUD	ORD	30,329	30,329
BlackRock Institutional Trust Company, National Association	19-May-23	yes	6.49	on mkt buy	AUD	ORD	12,050	12,050
BlackRock Institutional Trust Company, National Association	19-May-23	yes	6.49	on mkt buy	AUD	ORD	5,190	5,190
BlackRock Institutional Trust Company, National Association	19-May-23	yes	6.49	on mkt buy	AUD	ORD	6,707	6,707
BlackRock Investment Management (Australia) Limited	19-May-23	yes	6.49	on mkt buy	AUD	ORD	61,425	61,425
BlackRock Investment Management (Australia) Limited	19-May-23	yes	6.49	on mkt buy	AUD	ORD	12,204	12,204
BlackRock Institutional Trust Company, National Association	19-May-23	yes	6.52	on mkt buy	AUD	ORD	5,119	5,119
BlackRock Fund Advisors	22-May-23	no	n/a	in specie	AUD	ORD	3,552	3,552
BlackRock Fund Advisors	22-May-23	no	n/a	in specie	AUD	ORD	888	888
BlackRock Advisors (UK) Limited	22-May-23	yes	6.50	on mkt buy	AUD	ORD	1,035	1,035
BlackRock Fund Advisors	22-May-23	no	n/a	in specie	AUD	ORD	4,440	4,440
BlackRock (Singapore) Limited	22-May-23	no	n/a	collateral transfer	AUD	ORD	252,115	252,115
BlackRock Financial Management, Inc.	22-May-23	no	n/a	collateral transfer	AUD	ORD	3,123,114	3,123,114
BlackRock Investment Management, LLC	22-May-23	no	n/a	collateral transfer	AUD	ORD	29,270	29,270
BlackRock Asset Management North Asia Limited	22-May-23	no	n/a	collateral transfer	AUD	ORD	606	606
BlackRock Advisors (UK) Limited	23-May-23	yes	6.36	on mkt buy	AUD	ORD	164	164
BlackRock Advisors (UK) Limited	23-May-23	no	n/a	collateral transfer	AUD	ORD	3,690,388	3,690,388
BlackRock Institutional Trust Company, National Association	24-May-23	yes	6.46	on mkt buy	AUD	ORD	20,998	20,998
BlackRock Institutional Trust Company, National Association	24-May-23	yes	6.46	on mkt buy	AUD	ORD	4,413	4,413
BlackRock Institutional Trust Company, National Association	24-May-23	yes	6.46	on mkt buy	AUD	ORD	3,938	3,938
BlackRock Fund Advisors	24-May-23	no	n/a	in specie	AUD	ORD	916	916
BlackRock Fund Advisors	24-May-23	no	n/a	in specie	AUD	ORD	2,290	2,290
BlackRock Advisors (UK) Limited	24-May-23	yes	6.48	on mkt buy	AUD	ORD	78,048	78,048
BlackRock International Limited	24-May-23	yes	6.48	on mkt buy	AUD	ORD	6,128	6,128
BlackRock Investment Management, LLC	24-May-23	yes	6.48	on mkt buy	AUD	ORD	2,330	2,330
BlackRock Advisors (UK) Limited	24-May-23	yes	6.48	on mkt buy	AUD	ORD	5,312	5,312
BlackRock Investment Management (UK) Limited	24-May-23	yes	6.48	on mkt buy	AUD	ORD	8,249	8,249
BlackRock Investment Management (Australia) Limited	25-May-23	yes	6.43	on mkt buy	AUD	ORD	88,800	88,800
BlackRock Japan Co., Ltd.	25-May-23	yes	6.43	on mkt buy	AUD	ORD	3,650	3,650
BlackRock Japan Co., Ltd.	25-May-23	yes	6.43	on mkt buy	AUD	ORD	4,439	4,439
BlackRock Advisors (UK) Limited	25-May-23	yes	6.43	on mkt buy	AUD	ORD	103,197	103,197

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	25-May-23	no	n/a	collateral transfer	AUD	ORD	163,178	163,178
BlackRock Investment Management (UK) Limited	25-May-23	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Investment Management (Australia) Limited	26-May-23	yes	6.43	on mkt buy	AUD	ORD	1,994	1,994
BlackRock Institutional Trust Company, National Association	26-May-23	yes	6.43	on mkt buy	AUD	ORD	6,094	6,094
BlackRock Institutional Trust Company, National Association	26-May-23	yes	6.43	on mkt buy	AUD	ORD	1,047	1,047
BlackRock Institutional Trust Company, National Association	26-May-23	yes	6.43	on mkt buy	AUD	ORD	849	849
BlackRock (Singapore) Limited	26-May-23	no	n/a	collateral transfer	AUD	ORD	261,504	261,504
BlackRock Financial Management, Inc.	26-May-23	no	n/a	collateral transfer	AUD	ORD	3,235,124	3,235,124
BlackRock Investment Management (Australia) Limited	29-May-23	yes	6.42	on mkt buy	AUD	ORD	11,100	11,100
BlackRock Advisors (UK) Limited	29-May-23	no	n/a	collateral transfer	AUD	ORD	3,501,348	3,501,348
BlackRock Investment Management (UK) Limited	29-May-23	no	n/a	collateral transfer	AUD	ORD	3	3
BlackRock Fund Advisors	30-May-23	no	n/a	in specie	AUD	ORD	1,314	1,314
BlackRock Fund Advisors	30-May-23	no	n/a	in specie	AUD	ORD	3,202	3,202
BlackRock Institutional Trust Company, National Association	30-May-23	yes	6.54	on mkt buy	AUD	ORD	11,143	11,143
BlackRock Institutional Trust Company, National Association	30-May-23	yes	6.54	on mkt buy	AUD	ORD	3,155	3,155
BlackRock Institutional Trust Company, National Association	30-May-23	yes	6.54	on mkt buy	AUD	ORD	880	880
BlackRock Advisors (UK) Limited	30-May-23	yes	6.59	on mkt buy	AUD	ORD	694	694
BlackRock (Singapore) Limited	30-May-23	no	n/a	collateral transfer	AUD	ORD	86,208	86,208
BlackRock Financial Management, Inc.	30-May-23	no	n/a	collateral transfer	AUD	ORD	1,066,512	1,066,512
BlackRock Fund Advisors	31-May-23	no	n/a	in specie	AUD	ORD	813	813
BlackRock Fund Advisors	31-May-23	no	n/a	in specie	AUD	ORD	3,156	3,156
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	712	712
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	5,427	5,427
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	3,441	3,441
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	48,086	48,086
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	75,823	75,823
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	41,049	41,049
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	64,726	64,726
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	194,576	194,576
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	306,811	306,811
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	22,643	22,643
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	35,703	35,703
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	46,235	46,235
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	72,904	72,904
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	19,229	19,229
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	22,670	22,670
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	2,955	2,955
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	41,303	41,303
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	35,258	35,258
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	167,127	167,127
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	19,449	19,449
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	39,713	39,713
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	9,763	9,763
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	485,576	485,576
BlackRock Investment Management, LLC	31-May-23	yes	6.65	on mkt buy	AUD	ORD	15,259	15,259
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	2,802	2,802
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	39,154	39,154
BlackRock Advisors (UK) Limited	31-May-23	yes	6.65	on mkt buy	AUD	ORD	33,424	33,424
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	158,433	158,433
BlackRock Fund Advisors	31-May-23	yes	6.65	on mkt buy	AUD	ORD	18,436	18,436
BlackRock Institutional Trust Company, National Association	31-May-23	yes	6.65	on mkt buy	AUD	ORD	9,930	9,930

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	31-May-23	no	n/a	collateral transfer	AUD	ORD	1,134,406	1,134,406
BlackRock Investment Management (Australia) Limited	01-Jun-23	yes	6.79	on mkt buy	AUD	ORD	14,800	14,800
BlackRock Advisors (UK) Limited	01-Jun-23	yes	6.79	on mkt buy	AUD	ORD	2,754	2,754
BlackRock Fund Advisors	01-Jun-23	no	n/a	in specie	AUD	ORD	25,070	25,070
BlackRock Fund Advisors	01-Jun-23	no	n/a	in specie	AUD	ORD	1,988	1,988
BlackRock Advisors (UK) Limited	02-Jun-23	yes	6.68	on mkt buy	AUD	ORD	4,568	4,568
BlackRock International Limited	02-Jun-23	yes	6.68	on mkt buy	AUD	ORD	6,010	6,010
BlackRock Fund Advisors	02-Jun-23	no	n/a	in specie	AUD	ORD	53,847	53,847
BlackRock (Singapore) Limited	02-Jun-23	no	n/a	collateral transfer	AUD	ORD	148,577	148,577
BlackRock Financial Management, Inc.	02-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,862,791	1,862,791
BlackRock Investment Management (UK) Limited	02-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,900,000	1,900,000
BlackRock Advisors (UK) Limited	05-Jun-23	yes	6.62	on mkt buy	AUD	ORD	4,558	4,558
BlackRock (Singapore) Limited	05-Jun-23	no	n/a	collateral transfer	AUD	ORD	2,864	2,864
BlackRock Financial Management, Inc.	05-Jun-23	no	n/a	collateral transfer	AUD	ORD	24,668	24,668
BlackRock Investment Management (UK) Limited	06-Jun-23	no	n/a	in specie	AUD	ORD	27,087	27,087
BlackRock Fund Advisors	06-Jun-23	no	n/a	in specie	AUD	ORD	1,140	1,140
BlackRock Fund Advisors	06-Jun-23	no	n/a	in specie	AUD	ORD	13,294	13,294
BlackRock Institutional Trust Company, National Association	06-Jun-23	yes	6.51	on mkt buy	AUD	ORD	15,626	15,626
BlackRock Institutional Trust Company, National Association	06-Jun-23	yes	6.51	on mkt buy	AUD	ORD	2,275	2,275
BlackRock Institutional Trust Company, National Association	06-Jun-23	yes	6.51	on mkt buy	AUD	ORD	3,572	3,572
BlackRock Advisors (UK) Limited	06-Jun-23	yes	6.35	on mkt buy	AUD	ORD	2,290	2,290
BlackRock Advisors (UK) Limited	06-Jun-23	no	n/a	collateral transfer	AUD	ORD	3,570,711	3,570,711
BlackRock Fund Advisors	07-Jun-23	no	n/a	in specie	AUD	ORD	2,400	2,400
BlackRock Investment Management (Australia) Limited	07-Jun-23	yes	6.34	on mkt buy	AUD	ORD	22,200	22,200
BlackRock Advisors (UK) Limited	07-Jun-23	yes	6.34	on mkt buy	AUD	ORD	1,078	1,078
BlackRock Advisors (UK) Limited	07-Jun-23	yes	6.34	on mkt buy	AUD	ORD	312	312
BlackRock Advisors (UK) Limited	07-Jun-23	yes	6.34	on mkt buy	AUD	ORD	17,666	17,666
BlackRock Investment Management (UK) Limited	07-Jun-23	no	n/a	collateral transfer	AUD	ORD	260,092	260,092
BlackRock Fund Advisors	08-Jun-23	no	n/a	in specie	AUD	ORD	1,801	1,801
BlackRock Fund Advisors	08-Jun-23	no	n/a	in specie	AUD	ORD	1,188	1,188
BlackRock Fund Advisors	08-Jun-23	no	n/a	in specie	AUD	ORD	1,485	1,485
BlackRock Investment Management (Australia) Limited	08-Jun-23	yes	6.26	on mkt buy	AUD	ORD	7,495	7,495
BlackRock Advisors (UK) Limited	08-Jun-23	yes	6.22	on mkt buy	AUD	ORD	1,550	1,550
BlackRock Investment Management (Australia) Limited	08-Jun-23	yes	6.22	on mkt buy	AUD	ORD	6,325	6,325
BlackRock Japan Co., Ltd.	08-Jun-23	yes	6.22	on mkt buy	AUD	ORD	2,567	2,567
BlackRock Japan Co., Ltd.	08-Jun-23	yes	6.22	on mkt buy	AUD	ORD	3,065	3,065
BlackRock Financial Management, Inc.	08-Jun-23	no	n/a	in specie	AUD	ORD	186,673	186,673
BlackRock Fund Advisors	08-Jun-23	no	n/a	in specie	AUD	ORD	7,224	7,224
BlackRock Fund Advisors	08-Jun-23	no	n/a	in specie	AUD	ORD	4,363	4,363
BlackRock (Singapore) Limited	08-Jun-23	no	n/a	collateral transfer	AUD	ORD	156,896	156,896
BlackRock Financial Management, Inc.	08-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,942,236	1,942,236
BlackRock Fund Advisors	09-Jun-23	no	n/a	in specie	AUD	ORD	2,740	2,740
BlackRock Investment Management (Australia) Limited	09-Jun-23	yes	6.19	on mkt buy	AUD	ORD	2,082	2,082
BlackRock Fund Advisors	09-Jun-23	no	n/a	in specie	AUD	ORD	1,370	1,370
BlackRock (Singapore) Limited	09-Jun-23	no	n/a	collateral transfer	AUD	ORD	116,344	116,344
BlackRock Advisors (UK) Limited	09-Jun-23	no	n/a	collateral transfer	AUD	ORD	2,156,988	2,156,988
BlackRock Financial Management, Inc.	09-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,456,864	1,456,864
BlackRock Institutional Trust Company, National Association	12-Jun-23	no	n/a	in specie	AUD	ORD	27,758	27,758
BlackRock (Singapore) Limited	12-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,317	1,317
BlackRock Advisors (UK) Limited	12-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,937,556	1,937,556



Holder of Relevant Interest	Date of Acquisition / Transaction on a prescribed financial market		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Financial Management, Inc.	12-Jun-23	no	n/a	collateral transfer	AUD	ORD	12,051	12,051
BlackRock Fund Advisors	13-Jun-23	no	n/a	in specie	AUD	ORD	3,602	3,602
BlackRock Fund Advisors	13-Jun-23	no	n/a	in specie	AUD	ORD	4,288	4,288
BlackRock Fund Advisors	13-Jun-23	no	n/a	in specie	AUD	ORD	1,962	1,962
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	14,791	14,791
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	780	780
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	180	180
BlackRock International Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	2,697	2,697
BlackRock International Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	4,957	4,957
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	4,837	4,837
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	8,887	8,887
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	3,152	3,152
BlackRock Advisors (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	5,793	5,793
BlackRock Investment Management (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	9,320	9,320
BlackRock Investment Management (UK) Limited	13-Jun-23	yes	6.39	on mkt buy	AUD	ORD	5,072	5,072
BlackRock Advisors (UK) Limited	13-Jun-23	no	n/a	collateral transfer	AUD	ORD	3,779,416	3,779,416
BlackRock Financial Management, Inc.	14-Jun-23	yes	6.41	on mkt buy	AUD	ORD	116,334	116,334
BlackRock Advisors (UK) Limited	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	775	775
BlackRock Advisors (UK) Limited	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	330	330
BlackRock Advisors (UK) Limited	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	811	811
BlackRock Financial Management, Inc.	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	15,103	15,103
BlackRock Financial Management, Inc.	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	10,047	10,047
BlackRock Financial Management, Inc.	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	4,401	4,401
BlackRock Financial Management, Inc.	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	6,617	6,617
BlackRock Institutional Trust Company, National Association	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	8,123	8,123
BlackRock Institutional Trust Company, National Association	14-Jun-23	yes	6.39	on mkt buy	AUD	ORD	12,214	12,214
BlackRock Fund Advisors	14-Jun-23	no	n/a	in specie	AUD	ORD	656	656
BlackRock Fund Advisors	14-Jun-23	no	n/a	in specie	AUD	ORD	1,056	1,056
BlackRock Japan Co., Ltd.	14-Jun-23	no	n/a	collateral transfer	AUD	ORD	4	4
BlackRock Investment Management (UK) Limited	14-Jun-23	no	n/a	collateral transfer	AUD	ORD	2,157,004	2,157,004
BlackRock Investment Management (Australia) Limited	15-Jun-23	yes	6.50	on mkt buy	AUD	ORD	86,689	86,689
BlackRock Investment Management (Australia) Limited	15-Jun-23	yes	6.50	on mkt buy	AUD	ORD	693	693
BlackRock Financial Management, Inc.	15-Jun-23	yes	6.49	on mkt buy	AUD	ORD	98,118	98,118
BlackRock Advisors (UK) Limited	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	1,705	1,705
BlackRock Advisors (UK) Limited	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	907	907
BlackRock Japan Co., Ltd.	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	2,609	2,609
BlackRock Japan Co., Ltd.	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	9,134	9,134
BlackRock Japan Co., Ltd.	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	13,216	13,216
BlackRock Japan Co., Ltd.	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	15,392	15,392
BlackRock Japan Co., Ltd.	15-Jun-23	yes	6.52	on mkt buy	AUD	ORD	9,471	9,471
BlackRock (Singapore) Limited	15-Jun-23	no	n/a	collateral transfer	AUD	ORD	251,879	251,879
BlackRock Advisors (UK) Limited	15-Jun-23	no	n/a	collateral transfer	AUD	ORD	134,776	134,776
BlackRock Financial Management, Inc.	15-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,564,112	1,564,112
BlackRock Fund Advisors	16-Jun-23	no	n/a	in specie	AUD	ORD	1,316	1,316
BlackRock Fund Advisors	16-Jun-23	no	n/a	in specie	AUD	ORD	3,710	3,710
BlackRock Fund Advisors	16-Jun-23	no	n/a	in specie	AUD	ORD	3,710	3,710
BlackRock Financial Management, Inc.	16-Jun-23	yes	6.64	on mkt buy	AUD	ORD	124,525	124,525
BlackRock Investment Management (Australia) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	48,142	48,142
BlackRock Investment Management (Australia) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	14,085	14,085
BlackRock Advisors (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	1,240	1,240
BlackRock Institutional Trust Company, National Association	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	3,354	3,354
BlackRock Investment Management (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	35,015	35,015
BlackRock Investment Management (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	33,027	33,027
BlackRock Investment Management (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	7,199	7,199
BlackRock Investment Management (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	68,732	68,732

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock International Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	6,909	6,909
BlackRock Institutional Trust Company, National Association	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	2,520	2,520
BlackRock Fund Advisors	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	3,083	3,083
BlackRock Investment Management (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	18,678	18,678
BlackRock Advisors (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	15,538	15,538
BlackRock Advisors (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	9,279	9,279
BlackRock Investment Management (UK) Limited	16-Jun-23	yes	6.65	on mkt buy	AUD	ORD	15,610	15,610
BlackRock (Singapore) Limited	16-Jun-23	no	n/a	collateral transfer	AUD	ORD	69,341	69,341
BlackRock Financial Management, Inc.	16-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,800,377	1,800,377
BlackRock Investment Management (Australia) Limited	19-Jun-23	yes	6.62	on mkt buy	AUD	ORD	17,388	17,388
BlackRock Investment Management (Australia) Limited	19-Jun-23	yes	6.61	on mkt buy	AUD	ORD	16,650	16,650
BlackRock Advisors (UK) Limited	19-Jun-23	yes	6.61	on mkt buy	AUD	ORD	31,395	31,395
BlackRock (Singapore) Limited	19-Jun-23	no	n/a	collateral transfer	AUD	ORD	595	595
BlackRock Investment Management (Australia) Limited	20-Jun-23	yes	6.58	on mkt buy	AUD	ORD	2,043	2,043
BlackRock Advisors (UK) Limited	20-Jun-23	yes	6.58	on mkt buy	AUD	ORD	804	804
BlackRock Advisors (UK) Limited	20-Jun-23	yes	6.58	on mkt buy	AUD	ORD	1,206	1,206
BlackRock Advisors (UK) Limited	20-Jun-23	yes	6.58	on mkt buy	AUD	ORD	364	364
BlackRock Advisors (UK) Limited	20-Jun-23	yes	6.58	on mkt buy	AUD	ORD	468	468
BlackRock Advisors (UK) Limited	20-Jun-23	yes	6.58	on mkt buy	AUD	ORD	312	312
BlackRock Japan Co., Ltd.	20-Jun-23	no	n/a	in specie	AUD	ORD	107,889	107,889
BlackRock Advisors (UK) Limited	20-Jun-23	no	n/a	collateral transfer	AUD	ORD	3,965,903	3,965,903
BlackRock Fund Advisors	21-Jun-23	no	n/a	in specie	AUD	ORD	602	602
BlackRock Fund Advisors	21-Jun-23	no	n/a	in specie	AUD	ORD	4,364	4,364
BlackRock Fund Advisors	21-Jun-23	no	n/a	in specie	AUD	ORD	531	531
BlackRock Investment Management (Australia) Limited	21-Jun-23	yes	6.47	on mkt buy	AUD	ORD	60,761	60,761
BlackRock Investment Management (Australia) Limited	21-Jun-23	yes	6.47	on mkt buy	AUD	ORD	142,743	142,743
BlackRock Investment Management (Australia) Limited	21-Jun-23	yes	6.47	on mkt buy	AUD	ORD	295,679	295,679
BlackRock Investment Management (Australia) Limited	21-Jun-23	yes	6.47	on mkt buy	AUD	ORD	9,682	9,682
BlackRock Institutional Trust Company, National Association	21-Jun-23	yes	6.46	on mkt buy	AUD	ORD	31,314	31,314
BlackRock Institutional Trust Company, National Association	21-Jun-23	yes	6.46	on mkt buy	AUD	ORD	9,019	9,019
BlackRock Institutional Trust Company, National Association	21-Jun-23	yes	6.46	on mkt buy	AUD	ORD	9,715	9,715
BlackRock Advisors (UK) Limited	21-Jun-23	yes	6.42	on mkt buy	AUD	ORD	3,141	3,141
BlackRock Advisors (UK) Limited	21-Jun-23	yes	6.42	on mkt buy	AUD	ORD	14,658	14,658
BlackRock Advisors (UK) Limited	21-Jun-23	yes	6.42	on mkt buy	AUD	ORD	924	924
BlackRock (Singapore) Limited	21-Jun-23	no	n/a	collateral transfer	AUD	ORD	400,271	400,271
BlackRock Financial Management, Inc.	21-Jun-23	no	n/a	collateral transfer	AUD	ORD	3,285,437	3,285,437
BlackRock Fund Advisors	22-Jun-23	no	n/a	in specie	AUD	ORD	4,081	4,081
BlackRock Institutional Trust Company, National Association	22-Jun-23	yes	6.35	on mkt buy	AUD	ORD	1,770	1,770
BlackRock Financial Management, Inc.	22-Jun-23	yes	6.35	on mkt buy	AUD	ORD	5,647	5,647
BlackRock Financial Management, Inc.	22-Jun-23	yes	6.35	on mkt buy	AUD	ORD	26,819	26,819
BlackRock Investment Management (Australia) Limited	22-Jun-23	yes	6.35	on mkt buy	AUD	ORD	47,547	47,547
BlackRock Investment Management (Australia) Limited	22-Jun-23	yes	6.35	on mkt buy	AUD	ORD	52,773	52,773
BlackRock Financial Management, Inc.	22-Jun-23	yes	6.34	on mkt buy	AUD	ORD	350,863	350,863
BlackRock Advisors (UK) Limited	22-Jun-23	yes	6.32	on mkt buy	AUD	ORD	3,255	3,255
BlackRock Advisors (UK) Limited	22-Jun-23	yes	6.32	on mkt buy	AUD	ORD	860	860
BlackRock Japan Co., Ltd.	22-Jun-23	yes	6.32	on mkt buy	AUD	ORD	3,763	3,763
BlackRock Japan Co., Ltd.	22-Jun-23	yes	6.32	on mkt buy	AUD	ORD	4,589	4,589
BlackRock Advisors (UK) Limited	22-Jun-23	no	n/a	collateral transfer	AUD	ORD	2,428,671	2,428,671
BlackRock Investment Management, LLC	22-Jun-23	no	n/a	collateral transfer	AUD	ORD	165,204	165,204
BlackRock Investment Management (UK) Limited	22-Jun-23	no	n/a	collateral transfer	AUD	ORD	199,993	199,993

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	23-Jun-23	yes	6.24	on mkt buy	AUD	ORD	1,807	1,807
BlackRock Investment Management (Australia) Limited	23-Jun-23	yes	6.23	on mkt buy	AUD	ORD	39,559	39,559
BlackRock Institutional Trust Company, National Association	23-Jun-23	yes	6.20	on mkt buy	AUD	ORD	14,995	14,995
BlackRock Institutional Trust Company, National Association	23-Jun-23	yes	6.20	on mkt buy	AUD	ORD	9,701	9,701
BlackRock Institutional Trust Company, National Association	23-Jun-23	yes	6.20	on mkt buy	AUD	ORD	12,539	12,539
BlackRock (Singapore) Limited	23-Jun-23	no	n/a	collateral transfer	AUD	ORD	32,188	32,188
BlackRock Investment Management, LLC	23-Jun-23	no	n/a	collateral transfer	AUD	ORD	393,847	393,847
BlackRock Investment Management (UK) Limited	23-Jun-23	no	n/a	collateral transfer	AUD	ORD	455,956	455,956
APERIO GROUP LLC	23-Jun-23	yes	n/a	in specie	USD	ADR 5:1	340	340
APERIO GROUP LLC	23-Jun-23	yes	n/a	in specie	AUD	ORD	20,877	20,877
APERIO GROUP LLC	23-Jun-23	yes	n/a	in specie	USD	ADR 5:1	305	305

This is Annexure C of 1 page referred to in form 603 Notice of initial substantial shareholder

27-Jun-23

**Tevin Murray,**  
**Authorised Signatory**

**Date**

## 7. Addresses

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

Name	Address
<b>BlackRock Group</b>	
BlackRock Inc.	50 Hudson Yards New York, NY 10001 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505



## Securities Lending Agreements

Agreements entered into between BlackRock Advisors Limited and each of the following counterparties:

- (a) Bank of Nova Scotia, London Branch GMSLA, 25 August 2011
- (b) Barclays Bank plc GMSLA, 9 April 2104
- (c) Barclays Capital Securities Limited GMSLA, 2 December 2012
- (d) BNP Paribas Arbitrage GMSLA, 30 May 2013
- (e) BNP Paribas GMSLA, 8 May 2007
- (f) Citigroup Global Markets Limited GMSLA, 18 January 2007
- (g) Credit Suisse AG, Dublin Branch GMSLA, 28 September 2015
- (h) Credit Suisse International GMSLA, 10 March 2014
- (i) Credit Suisse Securities (Europe) Limited GMSLA, 26 August 2015
- (j) Deutsche Bank AG, London Branch GMSLA, 25 August 2017
- (k) Goldman Sachs International GMSLA, 2nd August 2022
- (l) HSBC Bank plc GMSLA GMSLA, 27 October 2016
- (m) ING Bank N.V. GMSLA, 12 November 2018
- (n) J.P. Morgan Securities plc GMSLA, 12 July 2011
- (o) Macquarie Bank Limited GMSLA, 18 August 2014
- (p) Merrill Lynch International GMSLA, 3 February 2020
- (q) Morgan Stanley & Co International plc GMSLA, 9 June 2021
- (r) Natixis SA GMSLA, 29 January 2018
- (s) Nomura International plc GMSLA, 2 November 2011
- (t) Royal Bank of Canada Europe Limited GMSLA, 3 February 2017
- (u) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) GMSLA, 1 April 2011
- (v) Santander UK Plc GMSLA, 25 January 2019
- (w) Societe Generale GMSLA, 27 January 2012
- (x) UBS AG GMSLA, 28 April 2016
- (y) UBS Europe SE GMSLA, 1 February 2019
- (z) BAL/Banco Santander, S.A. GMSLA, 30 April 2019
- (aa) Canadian Imperial Bank of Commerce, London Branch GMSLA, 21 June 2019
- (bb) Zürcher Kantonalbank GMSLA, 30 October 2019
- (cc) The Hongkong and Shanghai Banking Corporation Limited GMSLA, 7 February 2020
- (dd) BNP Paribas Prime Brokerage International Limited GMSLA 19 October 20201

Agreements entered into by BlackRock Institutional Trust Corporation, N.A. and each of the following counterparties:

- a. Bank of Nova Scotia GMSLA, December 6, 2016
- b. Barclays Bank plc GMSLA, April 24, 2017
- c. Barclays Capital Securities Limited GMSLA, March 15, 2017
- d. BNP Paribas Arbitrage GMSLA, June 5, 2017
- e. Citigroup Global Markets Limited GMSLA, June 3, 2015
- f. Credit Suisse AG, Dublin Branch GMSLA, October 14, 2015
- g. Credit Suisse International GMSLA, April 4, 2020
- h. Credit Suisse Securities (Europe) Limited GMSLA, October 2, 2015
- i. Deutsche Bank AG, London Branch GMSLA, June 7, 2017
- j. Goldman Sachs International GMSLA, February 20, 2023
- k. HSBC Bank plc GMSLA, February 12, 2013
- l. J.P. Morgan Securities plc GMSLA, October 4, 2016
- m. J.P. Morgan Securities plc GMSLA (Pledge), July 1, 2020
- n. Macquarie Bank Limited GMSLA, October 3, 2016
- o. Merrill Lynch International GMSLA, February 19, 2014
- p. Morgan Stanley & Co International plc GMSLA, November 16, 2021
- q. Nomura International plc GMSLA 03 August 2018
- r. Societe Generale GMSLA, September 28, 2016
- s. UBS AG GMSLA, May 26, 2016
- t. UBS AG GMSLA (Pledge), June 2, 2020
- u. UBS Europe SE GMSLA, 1 February 2019
- v. The Hongkong and Shanghai Banking Corporation Limited GMSLA, 22 February 2019
- w. RBC Europe Limited GMSLA, 4 February 2019
- x. ING BANK N.V. GMSLA, 27 February, 2019
- y. BANCO SANTANDER, S.A. GMSLA, 11 September, 2019
- z. Credit Suisse A.G., Singapore Branch GMSLA, 25 October, 2019
- aa. Natixis S.A. GMSLA, November 21, 2019.

- bb. CREDIT SUISSE INTERNATIONAL GMSLA, 4 April 2020
- cc. BNP Paribas Prime Brokerage International Limited GMSLA 22 November 2021

These counterparties do not pledge Australian equities:

- (a) Merrill Lynch, Pierce, Fenner Smith Incorporated

These counterparties do not have any business with us anymore although may have done previously:

- (a) Morgan Stanley Securities Limited (No Business) OSLA 15 March 1999

Royal Bank of Scotland N.V. **GMSLA, 12 October 2011 – No Business, superseded by Royal Bank of Scotland PLC**