

**Form 605**Corporations Act 2001  
Section 671B**Notice of ceasing to be a substantial holder**To Company Name/Scheme AMP LTD

ACN/ARSN 079 354 519

**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 ceased to be a substantial holder on 14 /08 /2019  
The previous notice was given to the company on 02 /04 /2019  
The previous notice was dated 29 /03 /2019**2. Changes in relevant interests**

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change(5)	Class (6) and number of securities affected	Person's votes affected
	Annexure A & C				

**3. Changes in association**

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

**4. Addresses**

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

Name	Address
Annexure B	

**Signature**

print name Maria Tricarico

capacity \*Authorised Signatory

**sign here**

date 16 / 08 /2019

\* 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 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) Include details of:
  - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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.
- (5) 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.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

This is Annexure A of 12 pages referred to in form 605 Notice of ceasing to be a substantial shareholder

16-Aug-19

Maria Tricarico,  
 Authorised Signatory

Date

## 2. Changes in relevant interests

AMP LTD (AMP)							
Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)	CCY	Class (6) and number of securities affected	Person's votes affected		
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.14	AUD	ORD	6,691	6,691
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.14	AUD	ORD	13,382	13,382
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.14	AUD	ORD	-34,500	-34,500
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.14	AUD	ORD	-223,296	-223,296
01-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	2.14	AUD	ORD	2,911	2,911
01-Apr-19	BlackRock Fund Advisors	on mkt buy	2.14	AUD	ORD	71,736	71,736
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.14	AUD	ORD	-3,664	-3,664
01-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,736	17,736
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	6,906	6,906
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	6,701	6,701
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	2,588	2,588
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	10,695	10,695
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.17	AUD	ORD	-86,533	-86,533
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,800	6,800
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	16,865	16,865
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.23	AUD	ORD	-62,163	-62,163
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.23	AUD	ORD	2,073	2,073
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.23	AUD	ORD	2,083	2,083
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.23	AUD	ORD	14,136	14,136
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,836	-32,836
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,354	39,354
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.22	AUD	ORD	26,984	26,984
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.22	AUD	ORD	9,062	9,062
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.22	AUD	ORD	13,030	13,030
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.22	AUD	ORD	13,973	13,973
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	1,390	1,390
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.17	AUD	ORD	-1,021	-1,021
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-180,598	-180,598
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,836	-32,836
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,354	39,354
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	52,472	52,472
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,346	10,346
05-Apr-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	102,868	102,868
05-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	102,582	102,582
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.14	AUD	ORD	20,685	20,685
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,160	8,160
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-90,299	-90,299
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	78,365	78,365
08-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-102,582	-102,582
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.18	AUD	ORD	10,119	10,119
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD	5,886	5,886
09-Apr-19	BlackRock Fund Advisors	on mkt buy	2.18	AUD	ORD	37,558	37,558
09-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,018	12,018
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.21	AUD	ORD	-26,812	-26,812
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.21	AUD	ORD	5,888	5,888
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.21	AUD	ORD	-5,888	-5,888
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.21	AUD	ORD	22,043	22,043
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,970	1,970
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.21	AUD	ORD	-6,691	-6,691
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.21	AUD	ORD	-898	-898
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,379	23,379
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66,250	66,250
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	116,895	116,895
12-Apr-19	BlackRock Fund Advisors	on mkt buy	2.23	AUD	ORD	98,590	98,590
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.23	AUD	ORD	5,888	5,888
12-Apr-19	BlackRock Fund Advisors	on mkt sell	2.23	AUD	ORD	-294,059	-294,059
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.23	AUD	ORD	83,078	83,078

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected	Person's votes affected
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 64,931	64,931
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -73,881	-73,881
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD 19,605	19,605
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.22	AUD	ORD -13,378	-13,378
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.22	AUD	ORD -2,739	-2,739
15-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 47,860	47,860
15-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD -36,449	-36,449
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD -16,560	-16,560
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD 16,560	16,560
16-Apr-19	BlackRock Fund Advisors	on mkt buy	2.22	AUD	ORD 209,598	209,598
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD 5,866	5,866
16-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	2.22	AUD	ORD 17,282	17,282
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 89,560	89,560
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 25,088	25,088
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.25	AUD	ORD 13,048	13,048
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.25	AUD	ORD 32,620	32,620
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.25	AUD	ORD -2,745	-2,745
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.25	AUD	ORD 229,781	229,781
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.28	AUD	ORD 28,738	28,738
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	2.28	AUD	ORD -11,237	-11,237
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD 715,231	715,231
23-Apr-19	BlackRock Fund Advisors	on mkt buy	2.29	AUD	ORD 192,942	192,942
23-Apr-19	BlackRock Fund Advisors	on mkt buy	2.28	AUD	ORD 19,279	19,279
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	2.28	AUD	ORD 11,035	11,035
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 13,600	13,600
24-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	2.30	AUD	ORD 87,390	87,390
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.34	AUD	ORD 86,319	86,319
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD 26,960	26,960
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD 4,134	4,134
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD 3,445	3,445
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD 3,445	3,445
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.35	AUD	ORD 6,255	6,255
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.35	AUD	ORD -65,953	-65,953
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD 179,361	179,361
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.35	AUD	ORD 45,298	45,298
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.35	AUD	ORD 40,465	40,465
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 8,944	8,944
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 94,080	94,080
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 12,018	12,018
26-Apr-19	BlackRock Investment Management, LLC	on mkt sell	2.32	AUD	ORD -61,012	-61,012
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.32	AUD	ORD 19,581	19,581
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.32	AUD	ORD 4,879	4,879
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.32	AUD	ORD 6,273	6,273
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 71,680	71,680
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -26,500	-26,500
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.27	AUD	ORD 13,480	13,480
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.27	AUD	ORD 19,587	19,587
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.27	AUD	ORD 5,868	5,868

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)	CCY	Class (6) and number of securities affected	Person's votes affected		
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	2.27	AUD	ORD	2,095	2,095
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	2.27	AUD	ORD	-150,399	-150,399
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	2.27	AUD	ORD	-11,553	-11,553
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,250	13,250
30-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	22,692	22,692
01-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.31	AUD	ORD	4,182	4,182
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.31	AUD	ORD	61,602	61,602
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.31	AUD	ORD	24,098	24,098
01-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	145,750	145,750
02-May-19	BlackRock Fund Advisors	on mkt sell	2.23	AUD	ORD	-184,002	-184,002
02-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.25	AUD	ORD	229,780	229,780
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.25	AUD	ORD	-28,238	-28,238
03-May-19	BlackRock Asset Management North Asia Limited	on mkt buy	2.24	AUD	ORD	42,091	42,091
03-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	61,376	61,376
06-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,018	12,018
06-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-61,376	-61,376
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.19	AUD	ORD	-140,611	-140,611
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.19	AUD	ORD	4,454	4,454
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,051	16,051
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,516	27,516
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD	19,707	19,707
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.18	AUD	ORD	-5,610	-5,610
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD	4,879	4,879
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD	2,856	2,856
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.18	AUD	ORD	413	413
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,799	20,799
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,750	39,750
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,956	2,956
09-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	53,000	53,000
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.22	AUD	ORD	-2,596	-2,596
10-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.22	AUD	ORD	5,917	5,917
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.22	AUD	ORD	-25,374	-25,374
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.22	AUD	ORD	-3,684	-3,684
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	92,750	92,750
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,750	39,750
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,018	12,018
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,609	9,609
13-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	2.21	AUD	ORD	-9,594	-9,594
13-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,068	28,068
13-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,018	12,018
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.16	AUD	ORD	-13,370	-13,370
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.16	AUD	ORD	-3,588	-3,588
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	2.16	AUD	ORD	-3,588	-3,588
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,568	7,568
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,750	39,750
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	2.17	AUD	ORD	-104,049	-104,049
15-May-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	2,133	2,133

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)	CCY	Class (6) and number of securities affected	Person's votes affected
15-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 4,266	4,266
15-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 34,275	34,275
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 13,194	13,194
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -11,439	-11,439
17-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,435	6,435
17-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,430	-3,430
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,233	1,233
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 8,584	8,584
20-May-19	BlackRock (Netherlands) B.V.	in specie	AUD	ORD -408,969	-408,969
20-May-19	BlackRock (Netherlands) B.V.	in specie	AUD	ORD 408,969	408,969
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,637	6,637
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 5,944	5,944
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 12,882	12,882
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 19,875	19,875
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 201,715	201,715
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -201,715	-201,715
22-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 34,410	34,410
22-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 68,820	68,820
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -19,405	-19,405
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 86,654	86,654
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 20,086	20,086
22-May-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 1,295,419	1,295,419
22-May-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 449,000	449,000
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -5,766	-5,766
23-May-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -1,295,419	-1,295,419
23-May-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -449,000	-449,000
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 104,484	104,484
28-May-19	BlackRock International Limited	on mkt buy	AUD	ORD 103,429	103,429
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -32,548	-32,548
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10,847	-10,847
28-May-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -51,200	-51,200
28-May-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -153,596	-153,596
28-May-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -69,889	-69,889
28-May-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -23,295	-23,295
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -882	-882
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -2,652	-2,652
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 19,942	19,942
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,900	-2,900
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,700	-8,700
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 76,800	76,800
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -115,300	-115,300

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)	CCY	Class (6) and number of securities affected	Person's votes affected
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -38,435	-38,435
28-May-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -378,597	-378,597
28-May-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -126,204	-126,204
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -18,916	-18,916
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,305	-6,305
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -4,533	-4,533
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -13,605	-13,605
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -26,424	-26,424
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -79,267	-79,267
28-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -123,109	-123,109
28-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -41,038	-41,038
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 135,203	135,203
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 53,285	53,285
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -135,262	-135,262
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 726	726
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,367	6,367
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,436	-8,436
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,531	-3,531
29-May-19	BlackRock Fund Advisors	in specie	AUD	ORD -23,565	-23,565
30-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -21,082	-21,082
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,356	-2,356
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,534	-3,534
31-May-19	BlackRock Institutional Trust	on mkt buy	AUD	ORD 7,356	7,356
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 513	513
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 79,499	79,499
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 68,074	68,074
31-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -117,479	-117,479
31-May-19	BlackRock Fund Advisors	in specie	AUD	ORD -39,750	-39,750
03-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,788	-1,788
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,870	6,870
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,576	-3,576
04-Jun-19	BlackRock Institutional Trust	on mkt sell	AUD	ORD -125,847	-125,847
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 55,912	55,912
04-Jun-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 45,953	45,953
04-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -16,794	-16,794
04-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -47,130	-47,130
05-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 16,431	16,431
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -49,661	-49,661
05-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,089	1,089
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,685	-2,685
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,688	-3,688
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -214,827	-214,827
05-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 51,474	51,474
05-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -5,912	-5,912
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -375,532	-375,532

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06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	2.11	AUD	ORD -1,815	-1,815
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.11	AUD	ORD 726	726
06-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	2.11	AUD	ORD -9,634	-9,634
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.11	AUD	ORD 6,406	6,406
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.11	AUD	ORD 19,218	19,218
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.11	AUD	ORD -333,530	-333,530
06-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 985	985
07-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	2.13	AUD	ORD 24,800	24,800
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.13	AUD	ORD 144,759	144,759
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.13	AUD	ORD 21,409	21,409
07-Jun-19	BlackRock Fund Advisors	on mkt buy	2.13	AUD	ORD 64,186	64,186
10-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -47,130	-47,130
10-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 3,126,666	3,126,666
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.19	AUD	ORD -3,603	-3,603
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD 5,560	5,560
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD 5,560	5,560
11-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	2.19	AUD	ORD 11,695	11,695
11-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -128,676	-128,676
11-Jun-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD 225	225
11-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD 229	229
11-Jun-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD 184	184
11-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 43,647	43,647
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	2.19	AUD	ORD 194,603	194,603
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD 6,767	6,767
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD 1,390	1,390
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.19	AUD	ORD -14,266	-14,266
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.19	AUD	ORD 71,810	71,810
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.19	AUD	ORD -1,032	-1,032
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -22,370	-22,370
12-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD 1	1
12-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -31	-31
12-Jun-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD -225	-225
12-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -229	-229
12-Jun-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -184	-184
12-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -43,647	-43,647
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD 64,410	64,410
13-Jun-19	BlackRock (Netherlands) B.V.	on mkt buy	2.24	AUD	ORD 2,908	2,908
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.24	AUD	ORD 88,542	88,542
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.24	AUD	ORD 46,582	46,582
13-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	2.24	AUD	ORD -43,114	-43,114
13-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD 4	4
13-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 665,512	665,512
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.11	AUD	ORD 726	726
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.11	AUD	ORD -2,334	-2,334
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.11	AUD	ORD -7,100	-7,100

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14-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	2.11	AUD	ORD -7,510	-7,510
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -68,008	-68,008
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -51,006	-51,006
14-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -5	-5
14-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 60,574	60,574
14-Jun-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD 99,869	99,869
14-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 81,166	81,166
17-Jun-19	BlackRock Fund Advisors	on mkt buy	2.11	AUD	ORD 45,189	45,189
17-Jun-19	BlackRock Fund Advisors	on mkt sell	2.09	AUD	ORD -60,264	-60,264
17-Jun-19	BlackRock Fund Advisors	on mkt sell	2.09	AUD	ORD -51,091	-51,091
17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.09	AUD	ORD 594	594
17-Jun-19	BlackRock Fund Advisors	on mkt sell	2.09	AUD	ORD -88,853	-88,853
17-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -63,056	-63,056
17-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -698,678	-698,678
17-Jun-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -99,869	-99,869
17-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -81,165	-81,165
18-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 10,346	10,346
18-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 2,132,272	2,132,272
18-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -1	-1
19-Jun-19	BlackRock Investment Management, LLC	on mkt buy	2.10	AUD	ORD 13,976	13,976
19-Jun-19	BlackRock Investment Management	on mkt buy	2.07	AUD	ORD 23,590	23,590
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.07	AUD	ORD 422	422
19-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -16,738	-16,738
19-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -495,611	-495,611
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.07	AUD	ORD -13,648	-13,648
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.07	AUD	ORD 4,655	4,655
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.07	AUD	ORD -7,128	-7,128
20-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -869,823	-869,823
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.07	AUD	ORD 3,772	3,772
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.07	AUD	ORD 38,448	38,448
21-Jun-19	BlackRock Fund Advisors	on mkt buy	2.07	AUD	ORD 53,220	53,220
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.07	AUD	ORD 10,952	10,952
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.07	AUD	ORD 25,124	25,124
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.07	AUD	ORD -72,978	-72,978
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 22,528	22,528
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -45,535	-45,535
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -54,642	-54,642
21-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 164,691	164,691
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.06	AUD	ORD 5,658	5,658
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.06	AUD	ORD -95,151	-95,151
24-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	2.06	AUD	ORD -12,144	-12,144
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 15,225	15,225
24-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	2.06	AUD	ORD 51,793	51,793

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24-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-36	-36
24-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	884,667	884,667
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.03	AUD	ORD	928	928
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	2.03	AUD	ORD	-6,375	-6,375
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-45,855	-45,855
25-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	413,918	413,918
25-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-884,667	-884,667
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	2.06	AUD	ORD	-417,464	-417,464
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	2.07	AUD	ORD	-1,003	-1,003
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.07	AUD	ORD	49,218	49,218
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	2.07	AUD	ORD	-15,364	-15,364
26-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,276	-23,276
26-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-884,714	-884,714
27-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-164,535	-164,535
27-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	164,615	164,615
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	2.12	AUD	ORD	428	428
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	2.12	AUD	ORD	-30,621	-30,621
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,200	18,200
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,425	9,425
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-46,552	-46,552
28-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	766,581	766,581
28-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-164,615	-164,615
01-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,628	-26,628
01-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	502,663	502,663
01-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	597,468	597,468
01-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	115,508	115,508
01-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	49,100	49,100
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	2.13	AUD	ORD	-27,296	-27,296
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	2.13	AUD	ORD	-2,070	-2,070
02-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	2.13	AUD	ORD	31,053	31,053
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.13	AUD	ORD	62,379	62,379
02-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-502,663	-502,663
02-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,126,254	-1,126,254
02-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-115,508	-115,508
02-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,528,284	2,528,284
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.16	AUD	ORD	48,448	48,448
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD	2,975	2,975
03-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	2.17	AUD	ORD	82,990	82,990
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-45,773	-45,773
03-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,541,529	3,541,529
03-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,577,384	-2,577,384

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04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.17	AUD	ORD 724	724
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.17	AUD	ORD 32,482	32,482
04-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -2,667,195	-2,667,195
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD 6,822	6,822
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	2.17	AUD	ORD 1,192	1,192
05-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -36,396	-36,396
05-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -320,932	-320,932
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	2.15	AUD	ORD 6,822	6,822
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.15	AUD	ORD 91,495	91,495
08-Jul-19	BlackRock Fund Advisors	on mkt buy	2.15	AUD	ORD 28,683	28,683
08-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -16,738	-16,738
08-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 327,353	327,353
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD -82,449	-82,449
09-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -3,909,658	-3,909,658
09-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 2,959,468	2,959,468
10-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	2.14	AUD	ORD 19,588	19,588
10-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 1	1
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	2.14	AUD	ORD 434	434
11-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -194,290	-194,290
11-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -3	-3
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	2.15	AUD	ORD 39,792	39,792
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	2.15	AUD	ORD 255,744	255,744
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	2.15	AUD	ORD 8,460	8,460
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 985	985
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 5,912	5,912
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -16,738	-16,738
12-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -336,130	-336,130
12-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -1	-1
15-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.81	AUD	ORD 27,064	27,064
15-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	1.81	AUD	ORD 67,312	67,312
15-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -4,434	-4,434
15-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 553,902	553,902
15-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -30	-30
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.78	AUD	ORD 13,618	13,618
16-Jul-19	BlackRock Asset Management	on mkt buy	1.78	AUD	ORD 18,196	18,196
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 985	985
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 22,475	22,475
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -16,700	-16,700
16-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -553,902	-553,902
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	1.80	AUD	ORD -476,728	-476,728
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.80	AUD	ORD 23,442	23,442
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.80	AUD	ORD 13,984	13,984
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	1.80	AUD	ORD 62,759	62,759
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.80	AUD	ORD 192,843	192,843

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17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.80	AUD	ORD 97,039	97,039
17-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 223,574	223,574
17-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 30	30
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.78	AUD	ORD 6,851	6,851
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.78	AUD	ORD 13,702	13,702
18-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.78	AUD	ORD 925,112	925,112
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.78	AUD	ORD 122,082	122,082
18-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -223,574	-223,574
18-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD 46,473	46,473
18-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 31,586	31,586
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.80	AUD	ORD 89,089	89,089
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	1.80	AUD	ORD -3,576	-3,576
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 8,676	8,676
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -25,107	-25,107
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -2,956	-2,956
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 39,786	39,786
19-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 1,967,338	1,967,338
19-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -46,473	-46,473
19-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -31,615	-31,615
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.78	AUD	ORD 1,168	1,168
22-Jul-19	BlackRock Investment Management	in specie	n/a	AUD	ORD 69,401	69,401
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD 2,242,051	2,242,051
22-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 946,839	946,839
22-Jul-19	BlackRock Investment Management	collateral transfer	n/a	AUD	ORD 30	30
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.75	AUD	ORD 1,187	1,187
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.75	AUD	ORD 673	673
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.75	AUD	ORD 1,712	1,712
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.75	AUD	ORD -243,736	-243,736
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD -36,527	-36,527
23-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -2,914,177	-2,914,177
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	1.79	AUD	ORD -394,203	-394,203
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.80	AUD	ORD 6,916	6,916
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	1.80	AUD	ORD 23,212	23,212
24-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -16,738	-16,738
24-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD 186,882	186,882
24-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 144,595	144,595
24-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -2,959,464	-2,959,464
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 12,600	12,600
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 53,048	53,048
25-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -186,882	-186,882
25-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -104,578	-104,578
26-Jul-19	BlackRock Fund Advisors	on mkt buy	1.81	AUD	ORD 332,310	332,310
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.82	AUD	ORD 11,104	11,104
26-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -40,017	-40,017
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.83	AUD	ORD 6,931	6,931
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.83	AUD	ORD 6,864	6,864
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.83	AUD	ORD 2,076	2,076
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.83	AUD	ORD 5,536	5,536
29-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 1,047,126	1,047,126
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD 10,106	10,106
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.83	AUD	ORD 1,412	1,412
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.83	AUD	ORD 1,190	1,190
30-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -1,047,126	-1,047,126
30-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD 150,661	150,661

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected	Person's votes affected
30-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 355,918	355,918
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.79	AUD	ORD 6,861	6,861
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	1.79	AUD	ORD 7,155	7,155
31-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -5,912	-5,912
31-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -25,107	-25,107
31-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD 22,329	22,329
31-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -126,302	-126,302
31-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD 138,359	138,359
31-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -41,168	-41,168
31-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD 6,783	6,783
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.82	AUD	ORD -15,408	-15,408
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	1.82	AUD	ORD -43,384	-43,384
01-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -5,769	-5,769
01-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -14,105	-14,105
01-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -29,952	-29,952
01-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -1,836	-1,836
01-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD -1,946	-1,946
01-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD -218,444	-218,444
02-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD 188,509	188,509
02-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 253,100	253,100
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD 142,239	142,239
02-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD 1,336,939	1,336,939
02-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 418,873	418,873
02-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD 64,561	64,561
05-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -5,609	-5,609
05-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -253,100	-253,100
05-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -23,801	-23,801
05-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -2,499	-2,499
05-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -9,685	-9,685
05-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD -14,201	-14,201
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	1.74	AUD	ORD 23,212	23,212
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	1.74	AUD	ORD 6,862	6,862
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.74	AUD	ORD -7,722	-7,722
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.74	AUD	ORD -6,318	-6,318
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.74	AUD	ORD -3,684	-3,684
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.74	AUD	ORD -1,785	-1,785
06-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -113,944	-113,944
06-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 253,108	253,108
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -82,655	-82,655
06-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -834,775	-834,775
06-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -384,682	-384,682
06-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD -30,112	-30,112
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.73	AUD	ORD -2,820	-2,820
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	1.73	AUD	ORD 439	439
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.73	AUD	ORD -1,785	-1,785
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	1.73	AUD	ORD -5,355	-5,355
07-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -85,515	-85,515
07-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -83,708	-83,708
07-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -46,036	-46,036
07-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -608,073	-608,073
07-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -337,420	-337,420
07-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD -25,085	-25,085
08-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 2	2
08-Aug-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD -570,652	-570,652

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)	CCY	Class (6) and number of securities affected	Person's votes affected
09-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -49,782	-49,782
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 26,528	26,528
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,403	-8,403
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,403	-8,403
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,774	-1,774
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 21,471	21,471
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 34,369	34,369
09-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD 0	0
09-Aug-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 0	0
09-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 39	39
12-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD -46,552	-46,552
12-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -67,580	-67,580
12-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD 0	0
12-Aug-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 0	0
12-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -39	-39
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 20,544	20,544
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,848	6,848
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,259	-8,259
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 352,742	352,742
13-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 117,766	117,766
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -60,212	-60,212
13-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD -16,738	-16,738
13-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 175,459	175,459
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -52,077	-52,077
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 77,625	77,625
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 61,940	61,940
14-Aug-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 11,234	11,234
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 36,537	36,537
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,672	-3,672
14-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD -23,276	-23,276
14-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 36,716	36,716

This is Annexure B of 1 pages referred to in form 605 Notice of ceasing to be a substantial shareholder

16-Aug-19

**Maria Tricarico,**  
**Authorised Signatory**

**Date**

## 7. Addresses

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

Name	Address
<b>BlackRock Group</b>	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
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 Capital Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
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 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)



## 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) Commerzbank AG **OSLA, 17 July 2002**
- (h) Credit Suisse AG, Dublin Branch **GMSLA, 28 September 2015**
- (i) Credit Suisse International **GMSLA, 10 March 2014**
- (j) Credit Suisse Securities (Europe) Limited **GMSLA, 26 August 2015**
- (k) Deutsche Bank AG, London Branch **GMSLA, 25 August 2017**
- (l) Goldman Sachs International **OSLA, 3 July 2001**
- (m) HSBC Bank plc **GMSLA, 27 October 2016**
- (n) ING Bank N.V. **GMSLA, 12 November 2018** (not yet operationally active)
- (o) J.P. Morgan Securities plc **GMSLA, 12 July 2011**
- (p) Macquarie Bank Limited **GMSLA, 18 August 2014**
- (q) Merrill Lynch International **OSLA, 13 July 1999**
- (r) Morgan Stanley & Co International plc **OSLA, 8 September 1999**
- (s) Natixis SA **GMSLA, 29 January 2018**
- (t) Nomura International plc **GMSLA, 2 November 2011**
- (u) Royal Bank of Canada Europe Limited **GMSLA, 3 February 2017**
- (v) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) **GMSLA, 1 April 2011**
- (w) Santander UK Plc **GMSLA, 25 January 2019** (not yet operationally active)
- (x) Skandinaviska Enskilda Banken AB **GMSLA, 4 February 2013**
- (y) Societe Generale **GMSLA, 27 January 2012**
- (z) UBS AG **GMSLA, 28 April 2016**
- (aa) UBS Europe SE **GMSLA, 1 February 2019**
- (bb) BAL/Banco Santander, S.A. **GMSLA, 30 April 2019**
- (cc) **Canadian Imperial Bank of Commerce, London Branch GMSLA, 21 June 2019**

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 Securities (Europe) Limited **GMSLA, October 2, 2015**
- (h) Deutsche Bank AG, London Branch **GMSLA, June 7, 2017**
- (i) Goldman Sachs International **OSLA April 1, 2004**
- (j) HSBC Bank plc **GMSLA, February 12, 2013**
- (k) J.P. Morgan Securities plc **GMSLA, October 4, 2016**
- (l) Macquarie Bank Limited **GMSLA, October 3, 2016**
- (m) Merrill Lynch International **GMSLA, February 19, 2014**
- (n) Morgan Stanley & Co International plc **OSLA, February 7, 2007**
- (o) Nomura International plc **GMSLA 03 August 2018 – not yet operational**
- (p) Societe Generale **GMSLA, September 28, 2016**
- (q) UBS AG **GMSLA, May 26, 2016**
- (r) UBS Europe SE **GMSLA, 1 February 2019**
- (s) The Hongkong and Shanghai Banking Corporation Limited **GMSLA, 22 February 2019**
- (t) RBC Europe Limited **GMSLA, 4 February 2019**
- (u) ING BANK N.V. **GMSLA, 27 February, 2019**

These counterparties do not pledge Australian equities:

- (a) Lloyds Bank plc
- (b) Merrill Lynch, Pierce, Fenner Smith Incorporated
- (c) Unicredit

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**