

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme COCHLEAR LTD

ACN/ARSN 002 618 073

1. Details of substantial holder(1)

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

There was a change in the interests of the substantial holder on 18 / 10 / 2019

The previous notice was given to the company on 29 / 05 / 2018

The previous notice was dated 25 / 05 / 2018

2. Previous and present 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 when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ORD	3,545,258	6.16	4,145,347	7.17
ADR .5:1	0	0.00	8	0.00

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate 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 (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
	See Annexure A & D				

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
	See Annexure B				

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) 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

6. Addresses

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

Name	Address
Annexure C	

Signature

print name Maria Tricarico

capacity *Authorised Signatory

sign here

date 22 / 10 / 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 6 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 person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) 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.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) 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) 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 113 pages referred to in form 604 Notice of change of interests of substantial shareholder

22-Oct-19

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

COCHLEAR LTD (COH)							
Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
28-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	194.03	AUD	ORD	-2,076	-2,076
29-May-18	BlackRock Fund Advisors	on mkt buy	195.17	AUD	ORD	3,804	3,804
29-May-18	BlackRock Fund Advisors	on mkt buy	195.17	AUD	ORD	102	102
29-May-18	BlackRock Fund Advisors	on mkt buy	195.17	AUD	ORD	34	34
29-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,400	1,400
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.10	AUD	ORD	-623	-623
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.05	AUD	ORD	-1,516	-1,516
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.05	AUD	ORD	-1,739	-1,739
30-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.05	AUD	ORD	-136	-136
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	198.32	AUD	ORD	123	123
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	198.32	AUD	ORD	612	612
30-May-18	BlackRock Advisors (UK) Limited	on mkt sell	198.32	AUD	ORD	-95	-95
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	198.32	AUD	ORD	84	84
30-May-18	BlackRock Fund Advisors	on mkt buy	198.32	AUD	ORD	1,107	1,107
30-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,122	1,122
30-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	226	226
31-May-18	BlackRock International Limited	on mkt sell	196.63	AUD	ORD	-180	-180
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	196.47	AUD	ORD	-1,382	-1,382
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-415	-415
31-May-18	BlackRock Investment Management, LLC	on mkt sell	196.52	AUD	ORD	-628	-628
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-371	-371
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	196.23	AUD	ORD	-281	-281
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	196.52	AUD	ORD	-214	-214
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	196.52	AUD	ORD	-262	-262
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	196.52	AUD	ORD	-251	-251
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	196.52	AUD	ORD	-365	-365
31-May-18	BlackRock Advisors, LLC	on mkt sell	196.52	AUD	ORD	-740	-740
31-May-18	BlackRock Advisors, LLC	on mkt sell	196.52	AUD	ORD	-626	-626
31-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	196.52	AUD	ORD	-2,535	-2,535
31-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	196.52	AUD	ORD	-885	-885
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-491	-491
31-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	196.52	AUD	ORD	-2,190	-2,190
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-2,655	-2,655
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-848	-848
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-2,345	-2,345
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	196.52	AUD	ORD	-354	-354
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	196.52	AUD	ORD	-1,051	-1,051
31-May-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	196.52	AUD	ORD	-321	-321
31-May-18	BlackRock Asset Management Canada Limited	on mkt sell	196.52	AUD	ORD	-611	-611
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-2,218	-2,218
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.52	AUD	ORD	-2,104	-2,104

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
31-May-18	BlackRock Investment Management, LLC	on mkt sell	196.52	AUD	ORD	-166	-166
31-May-18	BlackRock Advisors, LLC	on mkt sell	196.52	AUD	ORD	-179	-179
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	196.52	AUD	ORD	-155	-155
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.51	AUD	ORD	-144	-144
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	196.51	AUD	ORD	-144	-144
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.51	AUD	ORD	-111	-111
31-May-18	BlackRock Investment Management, LLC	on mkt sell	196.53	AUD	ORD	-100	-100
31-May-18	BlackRock Japan Co., Ltd.	on mkt sell	196.52	AUD	ORD	-83	-83
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.15	AUD	ORD	-18	-18
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.23	AUD	ORD	-2	-2
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	80	80
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	196.15	AUD	ORD	-1,139	-1,139
31-May-18	BlackRock Japan Co., Ltd.	on mkt buy	196.15	AUD	ORD	1,006	1,006
31-May-18	BlackRock Japan Co., Ltd.	on mkt buy	196.15	AUD	ORD	886	886
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	196.15	AUD	ORD	15	15
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	196.15	AUD	ORD	16	16
31-May-18	BlackRock International Limited	on mkt buy	196.15	AUD	ORD	252	252
31-May-18	BlackRock International Limited	on mkt buy	196.15	AUD	ORD	284	284
31-May-18	BlackRock Investment Management, LLC	on mkt buy	196.15	AUD	ORD	97	97
31-May-18	BlackRock Investment Management, LLC	on mkt buy	196.15	AUD	ORD	90	90
31-May-18	BlackRock Fund Advisors	on mkt buy	196.15	AUD	ORD	700	700
31-May-18	BlackRock Fund Advisors	on mkt buy	196.15	AUD	ORD	796	796
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	642	642
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	562	562
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	196.15	AUD	ORD	97	97
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	196.15	AUD	ORD	90	90
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	84	84
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	90	90
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	304	304
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	267	267
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	113	113
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	127	127
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	586	586
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	196.15	AUD	ORD	667	667
31-May-18	BlackRock Advisors (UK) Limited	on mkt sell	196.15	AUD	ORD	-1,292	-1,292
31-May-18	BlackRock Fund Advisors	on mkt buy	196.15	AUD	ORD	203	203
31-May-18	BlackRock Fund Advisors	on mkt buy	196.15	AUD	ORD	181	181
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	196.15	AUD	ORD	336	336
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	196.15	AUD	ORD	295	295
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	196.15	AUD	ORD	-86	-86
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	196.15	AUD	ORD	104	104
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	196.15	AUD	ORD	117	117
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	196.15	AUD	ORD	54	54
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	196.15	AUD	ORD	58	58
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	196.15	AUD	ORD	454	454
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	196.15	AUD	ORD	398	398
31-May-18	BlackRock (Netherlands) B.V.	on mkt sell	196.15	AUD	ORD	-1,340	-1,340
31-May-18	BlackRock Fund Advisors	on mkt buy	196.15	AUD	ORD	155	155
31-May-18	BlackRock Fund Advisors	on mkt buy	196.15	AUD	ORD	141	141
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	196.15	AUD	ORD	1,617	1,617
31-May-18	BlackRock Asset Management Canada Limited	on mkt buy	196.15	AUD	ORD	1,842	1,842

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected
31-May-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 504	504
31-May-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 4,024	4,024
31-May-18	BlackRock Fund Advisors	on mkt sell	AUD	ORD -2,404	-2,404
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 504	504
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,074	-2,074
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -554	-554
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -112	-112
01-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -42	-42
01-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -997	-997
01-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,388	-5,388
01-Jun-18	BlackRock Fund Advisors	in specie	AUD	ORD 791	791
01-Jun-18	BlackRock Fund Advisors	in specie	AUD	ORD -1,389	-1,389
04-Jun-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 47	47
04-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 162	162
04-Jun-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 1,599	1,599
04-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -42	-42
04-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 332	332
04-Jun-18	BlackRock Fund Advisors	in specie	AUD	ORD 145	145
04-Jun-18	BlackRock Fund Advisors	in specie	AUD	ORD 29	29
04-Jun-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,243	1,243
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -423	-423
05-Jun-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 42	42
05-Jun-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 60	60
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -168	-168
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -388	-388
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,888	-3,888
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -564	-564
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -204	-204
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -208	-208
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -218	-218
05-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,949	-1,949
05-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -702	-702
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -180	-180
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -536	-536
05-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,287	-2,287
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,794	-1,794
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -422	-422
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,783	-1,783
05-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -289	-289
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -773	-773
05-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -329	-329
05-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -323	-323
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,711	-1,711
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -929	-929
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -122	-122
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -156	-156

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	197.49	AUD	ORD	-166	-166
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.49	AUD	ORD	-102	-102
05-Jun-18	BlackRock Advisors, LLC	on mkt sell	197.49	AUD	ORD	-100	-100
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.50	AUD	ORD	-121	-121
05-Jun-18	BlackRock Investment Management, LLC	on mkt sell	197.50	AUD	ORD	-80	-80
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	197.51	AUD	ORD	-90	-90
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	197.50	AUD	ORD	-91	-91
05-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	197.49	AUD	ORD	-84	-84
05-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.46	AUD	ORD	-48	-48
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	197.61	AUD	ORD	-408	-408
05-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	197.61	AUD	ORD	146	146
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	197.61	AUD	ORD	98	98
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	113	113
06-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	197.72	AUD	ORD	137	137
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	199.64	AUD	ORD	-1,147	-1,147
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	199.64	AUD	ORD	-396	-396
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	199.35	AUD	ORD	630	630
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.19	AUD	ORD	504	504
06-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	728	728
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	96	96
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	984	984
07-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	200.58	AUD	ORD	-1,259	-1,259
07-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	200.68	AUD	ORD	-436	-436
07-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	200.68	AUD	ORD	-169	-169
07-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.60	AUD	ORD	-1,793	-1,793
07-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.60	AUD	ORD	-629	-629
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-542	-542
07-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.60	AUD	ORD	-1,396	-1,396
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-1,638	-1,638
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-327	-327
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-526	-526
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-316	-316
07-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.60	AUD	ORD	-275	-275
07-Jun-18	BlackRock Investment Management, LLC	on mkt sell	200.60	AUD	ORD	-153	-153
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.97	AUD	ORD	378	378
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.97	AUD	ORD	504	504
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.97	AUD	ORD	168	168
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.97	AUD	ORD	48	48
07-Jun-18	BlackRock Japan Co., Ltd.	on mkt buy	200.97	AUD	ORD	405	405
07-Jun-18	BlackRock Advisors, LLC	on mkt buy	200.97	AUD	ORD	99	99
07-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.97	AUD	ORD	132	132
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	112	112
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	984	984
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-926	-926
08-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.66	AUD	ORD	-324	-324
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.63	AUD	ORD	126	126
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.63	AUD	ORD	252	252
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.63	AUD	ORD	100	100
08-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-332	-332
08-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	492	492
12-Jun-18	BlackRock Advisors, LLC	on mkt sell	198.23	AUD	ORD	-2,563	-2,563

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
12-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.81	AUD	ORD	-446	-446
12-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	198.81	AUD	ORD	-1,260	-1,260
12-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	198.81	AUD	ORD	-450	-450
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-523	-523
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-1,163	-1,163
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-1,139	-1,139
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-1,190	-1,190
12-Jun-18	BlackRock Advisors, LLC	on mkt sell	198.81	AUD	ORD	-429	-429
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-274	-274
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-299	-299
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-214	-214
12-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	198.81	AUD	ORD	-213	-213
12-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	199.02	AUD	ORD	-189	-189
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	198.82	AUD	ORD	-145	-145
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	198.81	AUD	ORD	-181	-181
12-Jun-18	BlackRock Investment Management, LLC	on mkt sell	198.81	AUD	ORD	-128	-128
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-125	-125
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	198.82	AUD	ORD	-89	-89
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	198.81	AUD	ORD	-78	-78
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-36	-36
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.81	AUD	ORD	-66	-66
12-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	198.79	AUD	ORD	-28	-28
12-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.70	AUD	ORD	-4	-4
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.88	AUD	ORD	252	252
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.88	AUD	ORD	126	126
12-Jun-18	BlackRock Japan Co., Ltd.	on mkt buy	198.88	AUD	ORD	406	406
12-Jun-18	BlackRock Asset Management Canada Limited	on mkt buy	198.88	AUD	ORD	79	79
12-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	452	452
13-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.09	AUD	ORD	-151	-151
13-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.07	AUD	ORD	-146	-146
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.09	AUD	ORD	-302	-302
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.09	AUD	ORD	-201	-201
13-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-40	-40
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.50	AUD	ORD	-10	-10
14-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	193.88	AUD	ORD	-781	-781
14-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	193.88	AUD	ORD	-270	-270
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	193.88	AUD	ORD	-402	-402
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	193.88	AUD	ORD	-696	-696
14-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	193.88	AUD	ORD	-203	-203
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	193.88	AUD	ORD	-189	-189
14-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	193.88	AUD	ORD	-161	-161
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	193.88	AUD	ORD	-34	-34
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	189.80	AUD	ORD	536	536

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14-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	189.80	AUD	ORD	40	40
14-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	60	60
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	191.28	AUD	ORD	246	246
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	191.28	AUD	ORD	40	40
15-Jun-18	BlackRock (Singapore) Limited	on mkt sell	191.28	AUD	ORD	-582	-582
15-Jun-18	BlackRock (Singapore) Limited	on mkt sell	191.28	AUD	ORD	-173	-173
15-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	191.28	AUD	ORD	-580	-580
15-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	191.28	AUD	ORD	-172	-172
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	191.28	AUD	ORD	-208	-208
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	191.28	AUD	ORD	-686	-686
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	191.28	AUD	ORD	-58	-58
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	191.28	AUD	ORD	-197	-197
15-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	191.28	AUD	ORD	-202	-202
15-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	191.28	AUD	ORD	-684	-684
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	191.28	AUD	ORD	-1,759	-1,759
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	191.28	AUD	ORD	-5,851	-5,851
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-40	-40
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-111	-111
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,826	-1,826
18-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	192.25	AUD	ORD	40	40
18-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	192.25	AUD	ORD	40	40
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-926	-926
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,048	-1,048
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	194.62	AUD	ORD	-141	-141
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	194.62	AUD	ORD	-44	-44
19-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	194.62	AUD	ORD	-824	-824
19-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	194.62	AUD	ORD	-108	-108
19-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	194.62	AUD	ORD	-198	-198
19-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	194.62	AUD	ORD	-310	-310
19-Jun-18	BlackRock Investment Management, LLC	on mkt buy	194.60	AUD	ORD	136	136
19-Jun-18	BlackRock Fund Advisors	on mkt sell	194.35	AUD	ORD	-3,656	-3,656
19-Jun-18	BlackRock Fund Advisors	on mkt sell	194.35	AUD	ORD	-4,856	-4,856
19-Jun-18	BlackRock Fund Advisors	on mkt sell	194.35	AUD	ORD	-1,080	-1,080
19-Jun-18	BlackRock Fund Advisors	on mkt sell	194.35	AUD	ORD	-405	-405
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	72	72
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-456	-456
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	452	452
19-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	695	695
19-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	63,210	63,210
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.01	AUD	ORD	-149	-149
20-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.71	AUD	ORD	369	369
20-Jun-18	BlackRock Investment Management, LLC	on mkt buy	198.71	AUD	ORD	538	538
20-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	198.71	AUD	ORD	-61	-61
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.71	AUD	ORD	-317	-317
20-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	54	54
20-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,132	-2,132
20-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,371	-2,371
21-Jun-18	BlackRock Advisors, LLC	on mkt sell	202.74	AUD	ORD	-164	-164
21-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	202.74	AUD	ORD	-438	-438
21-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	202.74	AUD	ORD	-145	-145
21-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	202.74	AUD	ORD	-353	-353

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21-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	202.74	AUD	ORD	-304	-304
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	203.15	AUD	ORD	160	160
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	203.15	AUD	ORD	-120	-120
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	203.15	AUD	ORD	-80	-80
21-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-93	-93
21-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,232	7,232
21-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,486	-8,486
21-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2	2
21-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	97	97
21-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	63	63
21-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	89	89
22-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	201.94	AUD	ORD	-240	-240
22-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,232	-7,232
22-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,400	-12,400
22-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2	-2
22-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-97	-97
22-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-63	-63
22-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-89	-89
25-Jun-18	BlackRock Fund Advisors	on mkt sell	200.34	AUD	ORD	-3,846	-3,846
25-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.90	AUD	ORD	202	202
25-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	200.90	AUD	ORD	-280	-280
25-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	200.90	AUD	ORD	-58	-58
25-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.90	AUD	ORD	-278	-278
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-33	-33
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-656	-656
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,464	-1,464
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
25-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
25-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,373	-3,373
25-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
25-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	34	34
25-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	19	19
25-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	32	32
26-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	197.82	AUD	ORD	-1,339	-1,339
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.81	AUD	ORD	-437	-437
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.81	AUD	ORD	-539	-539
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.81	AUD	ORD	-373	-373
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.81	AUD	ORD	-347	-347
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.82	AUD	ORD	-310	-310
26-Jun-18	BlackRock Advisors, LLC	on mkt sell	197.81	AUD	ORD	-206	-206
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.81	AUD	ORD	-176	-176
26-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	197.81	AUD	ORD	-311	-311
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	197.81	AUD	ORD	-89	-89
26-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	197.83	AUD	ORD	-129	-129
26-Jun-18	BlackRock Advisors, LLC	on mkt sell	197.81	AUD	ORD	-83	-83
26-Jun-18	BlackRock Japan Co., Ltd.	on mkt sell	197.81	AUD	ORD	-67	-67
26-Jun-18	BlackRock Investment Management, LLC	on mkt sell	197.82	AUD	ORD	-61	-61
26-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.81	AUD	ORD	-53	-53

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26-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	198.30	AUD	ORD	60	60
26-Jun-18	BlackRock Fund Advisors	on mkt buy	198.30	AUD	ORD	47	47
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-328	-328
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-656	-656
26-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
26-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-30,542	-30,542
26-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
26-Jun-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-34	-34
26-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-19	-19
26-Jun-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-32	-32
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.78	AUD	ORD	-732	-732
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.78	AUD	ORD	-44	-44
27-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.78	AUD	ORD	-44	-44
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.78	AUD	ORD	-1,456	-1,456
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.78	AUD	ORD	-337	-337
27-Jun-18	BlackRock Asset Management Canada Limited	on mkt buy	197.12	AUD	ORD	40	40
27-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	199.44	AUD	ORD	-396	-396
27-Jun-18	BlackRock (Netherlands) B.V.	on mkt buy	199.44	AUD	ORD	90	90
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	514	514
27-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	5	5
27-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	23,036	23,036
27-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,507	5,507
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	196.63	AUD	ORD	-858	-858
28-Jun-18	BlackRock Fund Advisors	on mkt sell	197.06	AUD	ORD	-32	-32
28-Jun-18	BlackRock Investment Management, LLC	on mkt buy	197.06	AUD	ORD	64	64
28-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	198.25	AUD	ORD	-291	-291
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	195.50	AUD	ORD	-40	-40
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	195.50	AUD	ORD	-41	-41
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	195.50	AUD	ORD	-82	-82
28-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	195.50	AUD	ORD	181	181
28-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	3,242	3,242
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-976	-976
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-514	-514
28-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4	4
28-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-22,931	-22,931
28-Jun-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,507	-5,507
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	199.80	AUD	ORD	-2,234	-2,234
29-Jun-18	BlackRock Advisors, LLC	on mkt sell	199.73	AUD	ORD	-1,021	-1,021
29-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	199.73	AUD	ORD	-636	-636
29-Jun-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	199.73	AUD	ORD	-242	-242
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.73	AUD	ORD	-426	-426
29-Jun-18	BlackRock Advisors, LLC	on mkt sell	199.73	AUD	ORD	-106	-106
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.73	AUD	ORD	-2,135	-2,135
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.73	AUD	ORD	-366	-366
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.73	AUD	ORD	-619	-619
29-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	199.73	AUD	ORD	-567	-567
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.73	AUD	ORD	-2,085	-2,085
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.73	AUD	ORD	-722	-722

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29-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	199.37	AUD	ORD	255	255
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	199.90	AUD	ORD	1,188	1,188
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.17	AUD	ORD	4,643	4,643
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	200.17	AUD	ORD	246	246
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	200.17	AUD	ORD	-100	-100
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	200.17	AUD	ORD	-3,201	-3,201
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	200.17	AUD	ORD	-2,191	-2,191
29-Jun-18	BlackRock Asset Management Canada Limited	on mkt buy	200.17	AUD	ORD	77	77
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	200.17	AUD	ORD	-11	-11
29-Jun-18	BlackRock Asset Management Canada Limited	on mkt sell	200.17	AUD	ORD	-485	-485
29-Jun-18	BlackRock Investment Management (UK) Limited	on mkt sell	200.17	AUD	ORD	-1,491	-1,491
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	165	165
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
29-Jun-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3	3
29-Jun-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-515	-515
02-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.86	AUD	ORD	-370	-370
02-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	201.29	AUD	ORD	8,162	8,162
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,148	-1,148
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,148	-1,148
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-456	-456
02-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9	9
02-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	33,838	33,838
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.41	AUD	ORD	147	147
03-Jul-18	BlackRock Advisors, LLC	on mkt sell	200.30	AUD	ORD	-2,547	-2,547
03-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.30	AUD	ORD	-1,528	-1,528
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.30	AUD	ORD	-826	-826
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.30	AUD	ORD	-6,864	-6,864
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.30	AUD	ORD	-1,307	-1,307
03-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	200.30	AUD	ORD	-1,584	-1,584
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.30	AUD	ORD	-1,851	-1,851
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.31	AUD	ORD	-173	-173
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	200.30	AUD	ORD	-180	-180
03-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.30	AUD	ORD	-499	-499
03-Jul-18	BlackRock Investment Management, LLC	on mkt sell	200.30	AUD	ORD	-153	-153
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	200.30	AUD	ORD	-113	-113
03-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	200.30	AUD	ORD	-142	-142
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.30	AUD	ORD	-79	-79
03-Jul-18	BlackRock Investment Management, LLC	on mkt sell	200.30	AUD	ORD	-99	-99
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	199.50	AUD	ORD	-262	-262
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	199.50	AUD	ORD	246	246
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	199.50	AUD	ORD	-39	-39
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	199.50	AUD	ORD	-981	-981
03-Jul-18	BlackRock Fund Advisors	on mkt buy	199.50	AUD	ORD	2,428	2,428
03-Jul-18	BlackRock Investment Management, LLC	on mkt buy	199.50	AUD	ORD	55	55
03-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	199.50	AUD	ORD	350	350
03-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5	-5
03-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-30,482	-30,482
04-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	197.32	AUD	ORD	-361	-361
04-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	197.32	AUD	ORD	210	210

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04-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	197.17	AUD	ORD	-1,320	-1,320
04-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	197.23	AUD	ORD	123	123
04-Jul-18	BlackRock (Netherlands) B.V.	on mkt buy	197.23	AUD	ORD	28	28
04-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	-2
04-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	29,296	29,296
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	198.02	AUD	ORD	200	200
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	198.02	AUD	ORD	-80	-80
05-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	198.02	AUD	ORD	-70	-70
05-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	198.02	AUD	ORD	112	112
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
05-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,632	1,632
05-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,065	-12,065
05-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2,412	2,412
05-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,125	5,125
05-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	19,696	19,696
05-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	778	778
06-Jul-18	BlackRock Advisors, LLC	on mkt sell	198.24	AUD	ORD	-528	-528
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.24	AUD	ORD	-313	-313
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.24	AUD	ORD	-853	-853
06-Jul-18	BlackRock Investment Management, LLC	on mkt sell	198.24	AUD	ORD	-75	-75
06-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	198.24	AUD	ORD	-210	-210
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.24	AUD	ORD	-381	-381
06-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	198.95	AUD	ORD	-72	-72
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	198.95	AUD	ORD	1,033	1,033
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	198.95	AUD	ORD	224	224
06-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	198.95	AUD	ORD	77	77
06-Jul-18	BlackRock Fund Advisors	on mkt buy	198.95	AUD	ORD	384	384
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	198.95	AUD	ORD	2,495	2,495
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,456	1,456
06-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	879	879
06-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7,846	7,846
06-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,266	1,266
06-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	296	296
06-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,133	10,133
06-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	228	228
09-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.36	AUD	ORD	-14	-14
09-Jul-18	BlackRock Japan Co., Ltd.	on mkt buy	198.41	AUD	ORD	918	918
09-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	197.21	AUD	ORD	-165	-165
09-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	197.21	AUD	ORD	753	753
09-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	197.21	AUD	ORD	289	289
09-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	197.21	AUD	ORD	554	554
09-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-422	-422
09-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,501	-4,501
09-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-643	-643
09-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	630	630
09-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,204	3,204
09-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,358	1,358

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10-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	197.09	AUD	ORD	-380	-380
10-Jul-18	BlackRock Advisors, LLC	on mkt sell	197.08	AUD	ORD	-494	-494
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.08	AUD	ORD	-569	-569
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	197.08	AUD	ORD	-40	-40
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	197.24	AUD	ORD	3,930	3,930
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	196.74	AUD	ORD	32	32
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	196.74	AUD	ORD	2,149	2,149
10-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	196.74	AUD	ORD	212	212
10-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,985	2,985
10-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-161	-161
10-Jul-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-627	-627
10-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,071	-2,071
10-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	50,119	50,119
10-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,035	-3,035
10-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,051	-6,051
10-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-33,033	-33,033
10-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,365	-2,365
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.68	AUD	ORD	-486	-486
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	196.69	AUD	ORD	-4,750	-4,750
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	196.69	AUD	ORD	-95	-95
11-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	196.72	AUD	ORD	-91	-91
11-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	196.39	AUD	ORD	80	80
11-Jul-18	BlackRock Fund Advisors	on mkt buy	196.39	AUD	ORD	304	304
11-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5	-5
11-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-47,039	-47,039
12-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.57	AUD	ORD	-76	-76
12-Jul-18	BlackRock Advisors, LLC	on mkt sell	199.57	AUD	ORD	-526	-526
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	199.01	AUD	ORD	112	112
12-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	199.01	AUD	ORD	-2,238	-2,238
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,331	2,331
12-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6	6
12-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,002	-2,002
13-Jul-18	BlackRock Advisors, LLC	on mkt sell	200.00	AUD	ORD	-280	-280
13-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	205.32	AUD	ORD	36	36
13-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	205.32	AUD	ORD	237	237
13-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8	-8
13-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,749	1,749
13-Jul-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-2,805	-2,805
16-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.19	AUD	ORD	-125	-125
16-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	205.00	AUD	ORD	536	536
16-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	203.70	AUD	ORD	213	213
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	203.25	AUD	ORD	-3,770	-3,770
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	202.61	AUD	ORD	24	24
16-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18	-18
16-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,639	4,639
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	200.33	AUD	ORD	-1,668	-1,668
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	199.78	AUD	ORD	-80	-80
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	199.78	AUD	ORD	133	133
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	199.78	AUD	ORD	-131	-131
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	199.78	AUD	ORD	-322	-322
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	199.78	AUD	ORD	-3,193	-3,193

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17-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,485	1,485
17-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-808	-808
17-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
17-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,694	-7,694
17-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,040	3,040
17-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	34	34
18-Jul-18	BlackRock Advisors, LLC	on mkt sell	202.55	AUD	ORD	-105	-105
18-Jul-18	BlackRock Investment Management, LLC	on mkt sell	202.55	AUD	ORD	-39	-39
18-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.53	AUD	ORD	1,115	1,115
18-Jul-18	BlackRock Advisors, LLC	on mkt buy	202.53	AUD	ORD	4,005	4,005
18-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	202.53	AUD	ORD	554	554
18-Jul-18	BlackRock Advisors, LLC	on mkt buy	202.53	AUD	ORD	2,067	2,067
18-Jul-18	BlackRock Investment Management, LLC	on mkt buy	202.53	AUD	ORD	2,348	2,348
18-Jul-18	BlackRock Advisors, LLC	on mkt sell	202.65	AUD	ORD	-196	-196
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,036	-1,036
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-518	-518
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	336	336
18-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
18-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,591	1,591
18-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	534	534
18-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	101	101
18-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,562	-2,562
18-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-34	-34
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	203.82	AUD	ORD	-124	-124
19-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
19-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
19-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
19-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8	-8
19-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,136	2,136
19-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-534	-534
19-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-101	-101
19-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-478	-478
20-Jul-18	BlackRock Advisors, LLC	on mkt sell	208.39	AUD	ORD	-377	-377
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	208.39	AUD	ORD	-1,036	-1,036
20-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	208.39	AUD	ORD	-11	-11
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	208.60	AUD	ORD	124	124
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	208.60	AUD	ORD	14	14
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	208.60	AUD	ORD	36	36
20-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-617	-617
20-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,596	3,596
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	203.98	AUD	ORD	36	36
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	203.98	AUD	ORD	264	264
23-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	203.98	AUD	ORD	1,066	1,066
23-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	203.98	AUD	ORD	19	19
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-456	-456
23-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,238	-1,238
23-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
23-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	20,629	20,629
24-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-615	-615
24-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	208.43	AUD	ORD	-382	-382
24-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	208.35	AUD	ORD	124	124

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24-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	208.35	AUD	ORD	853	853
24-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
24-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,735	1,735
24-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	534	534
24-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	101	101
24-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	478	478
25-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-619	-619
25-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	204.15	AUD	ORD	-325	-325
25-Jul-18	BlackRock Advisors, LLC	on mkt sell	204.15	AUD	ORD	-337	-337
25-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	204.24	AUD	ORD	178	178
25-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	204.15	AUD	ORD	-226	-226
25-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	204.15	AUD	ORD	-123	-123
25-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	204.06	AUD	ORD	-153	-153
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	204.04	AUD	ORD	23	23
25-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	204.41	AUD	ORD	-162	-162
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	204.04	AUD	ORD	148	148
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,295	-1,295
25-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-848	-848
25-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-534	-534
25-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-101	-101
25-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-478	-478
26-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	204.86	AUD	ORD	-189	-189
26-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	204.85	AUD	ORD	157	157
26-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	205.06	AUD	ORD	-2,947	-2,947
26-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
26-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,804	-1,804
26-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,510	-1,510
26-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
26-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	987	987
27-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	207.26	AUD	ORD	-37	-37
27-Jul-18	BlackRock Investment Management (UK) Limited	on mkt sell	206.35	AUD	ORD	-930	-930
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	207.53	AUD	ORD	528	528
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	207.53	AUD	ORD	96	96
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	207.53	AUD	ORD	84	84
27-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	207.53	AUD	ORD	1,532	1,532
27-Jul-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	203	203
27-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	914	914
27-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-17,654	-17,654
27-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	8,193	8,193
27-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,030	11,030
27-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	26,607	26,607
27-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	13,700	13,700
30-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	205.09	AUD	ORD	-35	-35
30-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	205.47	AUD	ORD	-130	-130
30-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
30-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
30-Jul-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-203	-203
30-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-916	-916
30-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,313	-16,313

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30-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,359	-1,359
30-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,259	-2,259
30-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,840	-14,840
30-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-201	-201
31-Jul-18	BlackRock Advisors, LLC	on mkt sell	203.26	AUD	ORD	-481	-481
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.26	AUD	ORD	-792	-792
31-Jul-18	BlackRock Asset Management Canada Limited	on mkt sell	203.26	AUD	ORD	-117	-117
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	203.36	AUD	ORD	132	132
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	203.36	AUD	ORD	264	264
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	203.36	AUD	ORD	32	32
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	203.36	AUD	ORD	-120	-120
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	203.36	AUD	ORD	-2,480	-2,480
31-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	203.36	AUD	ORD	53	53
31-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.36	AUD	ORD	-692	-692
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
31-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-112	-112
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-656	-656
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5	-5
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-777	-777
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-777	-777
31-Jul-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	105	105
31-Jul-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-295	-295
31-Jul-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	68	68
31-Jul-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-436	-436
31-Jul-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	744	744
31-Jul-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-277	-277
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	204.30	AUD	ORD	91	91
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	204.30	AUD	ORD	226	226
01-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.79	AUD	ORD	-77	-77
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	203.12	AUD	ORD	2,904	2,904
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	203.12	AUD	ORD	52	52
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	203.87	AUD	ORD	-4,224	-4,224
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
01-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-105	-105
01-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,230	-4,230
01-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,790	1,790
01-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,103	1,103
01-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	560	560
01-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-426	-426
02-Aug-18	BlackRock Advisors, LLC	on mkt sell	203.18	AUD	ORD	-173	-173
02-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.18	AUD	ORD	-1,105	-1,105
02-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	203.18	AUD	ORD	-221	-221
02-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.18	AUD	ORD	-210	-210
02-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	202.88	AUD	ORD	-3,206	-3,206
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	203.46	AUD	ORD	-1,320	-1,320
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	132	132
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	645	645
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	860	860
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,368	-1,368
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-456	-456

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02-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,611	-5,611
02-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,657	-1,657
02-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,429	4,429
02-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,976	-2,976
02-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,636	-2,636
03-Aug-18	BlackRock Investment Management (UK) Limited	on mkt sell	204.27	AUD	ORD	-14	-14
03-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	203.84	AUD	ORD	72	72
03-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
03-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-518	-518
03-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-470	-470
03-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,922	1,922
03-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-295	-295
03-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-13,488	-13,488
03-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,403	-5,403
03-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-9,785	-9,785
06-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	202.92	AUD	ORD	-78	-78
06-Aug-18	BlackRock Investment Management, LLC	on mkt buy	204.94	AUD	ORD	101	101
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	645	645
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-518	-518
06-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,212	1,212
06-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-5,203	-5,203
06-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-379	-379
06-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,347	-3,347
06-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-374	-374
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	202.01	AUD	ORD	-61	-61
07-Aug-18	BlackRock Japan Co., Ltd.	on mkt sell	202.01	AUD	ORD	-68	-68
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	202.01	AUD	ORD	-588	-588
07-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	202.01	AUD	ORD	-134	-134
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	202.01	AUD	ORD	-375	-375
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	202.19	AUD	ORD	3,696	3,696
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	201.60	AUD	ORD	124	124
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.60	AUD	ORD	-1,166	-1,166
07-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	99	99
07-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	336	336
07-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,552	-2,552
07-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	5,149	5,149
07-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,663	1,663
08-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	201.33	AUD	ORD	3,822	3,822
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	199.45	AUD	ORD	-20	-20
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	198.99	AUD	ORD	464	464
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	198.99	AUD	ORD	24	24
08-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	198.99	AUD	ORD	127	127
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-198	-198
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37	37
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-518	-518
08-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	25,745	25,745
08-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-6,686	-6,686
08-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,007	-3,007

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09-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.36	AUD	ORD	-465	-465
09-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.36	AUD	ORD	-783	-783
09-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	198.36	AUD	ORD	-209	-209
09-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	197.34	AUD	ORD	177	177
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	470	470
09-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-477	-477
09-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	477	477
09-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,201	-12,201
09-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	7	7
09-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	15,561	15,561
09-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	74	74
10-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	196.94	AUD	ORD	210	210
10-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	196.89	AUD	ORD	52	52
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
10-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,035	3,035
10-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	88	88
10-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	0	0
10-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-72	-72
10-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3	3
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	198.65	AUD	ORD	744	744
13-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	198.78	AUD	ORD	-1,948	-1,948
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	198.78	AUD	ORD	-124	-124
13-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-144	-144
13-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,947	3,947
13-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-47	-47
13-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	0	0
13-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	52	52
13-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5	-5
14-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	189.81	AUD	ORD	238	238
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	189.25	AUD	ORD	-1,128	-1,128
14-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	189.25	AUD	ORD	-224	-224
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	189.25	AUD	ORD	-23	-23
14-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	192.75	AUD	ORD	23	23
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	192.75	AUD	ORD	-40	-40
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	190.75	AUD	ORD	-57	-57
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	192.75	AUD	ORD	-248	-248
14-Aug-18	BlackRock Advisors, LLC	on mkt sell	192.75	AUD	ORD	-1,826	-1,826
14-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,850	-2,850
14-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	2	2
14-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	495	495
14-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	0	0
14-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,754	6,754
14-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	5	5
15-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.08	AUD	ORD	293	293
15-Aug-18	BlackRock Advisors, LLC	on mkt buy	196.09	AUD	ORD	1,050	1,050

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15-Aug-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 425	425
15-Aug-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 626	626
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 649	649
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -242	-242
15-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 7,311	7,311
15-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD -43	-43
15-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -495	-495
15-Aug-18	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -7	-7
15-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -16,469	-16,469
15-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -78	-78
16-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -311	-311
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -883	-883
16-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -178	-178
16-Aug-18	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -115	-115
16-Aug-18	BlackRock Fund Advisors	on mkt sell	AUD	ORD -702	-702
16-Aug-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 119	119
16-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 455	455
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 52	52
16-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 251	251
16-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 605	605
16-Aug-18	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 2,489	2,489
16-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -2,671	-2,671
16-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 2,971	2,971
17-Aug-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -263	-263
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 100	100
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 164	164
17-Aug-18	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -273	-273
17-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -6	-6
17-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -1,578	-1,578
17-Aug-18	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -384	-384
17-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 1,616	1,616
17-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -649	-649
20-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -55	-55
20-Aug-18	BlackRock Fund Advisors	in specie	AUD	ORD -2,072	-2,072
20-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -19	-19
20-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -10,696	-10,696
20-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD 12	12
20-Aug-18	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -2	-2
20-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 8,510	8,510
20-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -25	-25
21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -178	-178
21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,188	-1,188
21-Aug-18	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -68	-68
21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -602	-602
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 10	10
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 15	15
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,625	-2,625

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21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	207.50	AUD	ORD	-1,147	-1,147
21-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,419	-1,419
21-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
21-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-204	-204
21-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-20	-20
21-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-109	-109
21-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-2
21-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	5	5
21-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	328	328
21-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-114	-114
21-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	58	58
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	207.94	AUD	ORD	-1,699	-1,699
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	207.94	AUD	ORD	-291	-291
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	207.94	AUD	ORD	-1,331	-1,331
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	207.94	AUD	ORD	-467	-467
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	208.09	AUD	ORD	-625	-625
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	207.58	AUD	ORD	52	52
22-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-759	-759
22-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
22-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
22-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-207	-207
22-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,960	11,960
22-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-8	-8
22-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-5	-5
22-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,263	-2,263
22-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,767	-6,767
22-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,353	-2,353
23-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	209.32	AUD	ORD	-147	-147
23-Aug-18	BlackRock Investment Management, LLC	on mkt sell	209.32	AUD	ORD	-76	-76
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	209.32	AUD	ORD	-605	-605
23-Aug-18	BlackRock Fund Advisors	on mkt buy	209.56	AUD	ORD	1,214	1,214
23-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	209.56	AUD	ORD	29	29
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	209.56	AUD	ORD	-1,141	-1,141
23-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,508	3,508
23-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
23-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	39	39
23-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,363	2,363
23-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,417	-4,417
23-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,475	1,475
24-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	210.92	AUD	ORD	-218	-218
24-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	210.73	AUD	ORD	67	67
24-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
24-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	440	440
24-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9,522	9,522
24-Aug-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	0	0
24-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	404	404
24-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,377	-2,377
24-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,425	-1,425

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24-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,476	-1,476
27-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	213.03	AUD	ORD	-83	-83
27-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	212.59	AUD	ORD	193	193
27-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
27-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	60	60
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-936	-936
27-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
27-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,228	-1,228
27-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-40	-40
27-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-92	-92
27-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-515	-515
27-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	34	34
28-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	214.30	AUD	ORD	-288	-288
28-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	214.58	AUD	ORD	-490	-490
28-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	214.79	AUD	ORD	88	88
28-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
28-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	244	244
28-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
28-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-140	-140
28-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-244	-244
28-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-62	-62
28-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-42	-42
28-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-34	-34
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	213.86	AUD	ORD	-426	-426
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	213.81	AUD	ORD	240	240
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	213.81	AUD	ORD	-40	-40
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	213.81	AUD	ORD	-252	-252
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	213.81	AUD	ORD	100	100
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	213.81	AUD	ORD	-447	-447
29-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	213.81	AUD	ORD	-610	-610
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	457	457
29-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2	2
29-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,991	1,991
29-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-160	-160
29-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	215.87	AUD	ORD	-795	-795
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	216.11	AUD	ORD	100	100
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	215.61	AUD	ORD	-2,520	-2,520
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	216.11	AUD	ORD	100	100
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	216.11	AUD	ORD	-216	-216
30-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74	74
30-Aug-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	45	45
30-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	42	42
30-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,457	-2,457
30-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2	2
30-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,151	1,151
30-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	566	566
30-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	667	667
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	216.40	AUD	ORD	-65	-65

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
31-Aug-18	BlackRock Investment Management (UK) Limited	on mkt sell	217.73	AUD	ORD	-13	-13
31-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	215.81	AUD	ORD	107	107
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	215.81	AUD	ORD	201	201
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	215.81	AUD	ORD	287	287
31-Aug-18	BlackRock Investment Management (UK) Limited	on mkt buy	215.81	AUD	ORD	985	985
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	215.81	AUD	ORD	-179	-179
31-Aug-18	BlackRock Fund Advisors	on mkt sell	215.81	AUD	ORD	-259	-259
31-Aug-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-45	-45
31-Aug-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-44	-44
31-Aug-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	51,159	51,159
31-Aug-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	16	16
31-Aug-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,151	-1,151
31-Aug-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,891	1,891
31-Aug-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-667	-667
03-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	218.54	AUD	ORD	-49	-49
03-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7,033	7,033
03-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
03-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	66	66
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	219.33	AUD	ORD	-717	-717
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	219.33	AUD	ORD	134	134
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	219.33	AUD	ORD	218	218
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	219.33	AUD	ORD	-49	-49
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	218.93	AUD	ORD	124	124
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	218.93	AUD	ORD	32	32
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	219.47	AUD	ORD	744	744
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	219.59	AUD	ORD	1,240	1,240
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	218.93	AUD	ORD	-250	-250
04-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	173	173
04-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1	1
04-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	218.26	AUD	ORD	-66	-66
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	218.26	AUD	ORD	-367	-367
05-Sep-18	BlackRock Investment Management, LLC	on mkt sell	218.26	AUD	ORD	-98	-98
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	218.26	AUD	ORD	-733	-733
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	217.45	AUD	ORD	-326	-326
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	217.45	AUD	ORD	56	56
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	217.45	AUD	ORD	-507	-507
05-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	217.45	AUD	ORD	-144	-144
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	375	375
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	336	336
05-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,573	-2,573
05-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	88	88
05-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,934	1,934
06-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	205.97	AUD	ORD	-342	-342
06-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	206.61	AUD	ORD	705	705
06-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	204.19	AUD	ORD	-212	-212
06-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	204.19	AUD	ORD	373	373

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06-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	108	108
06-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-984	-984
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-502	-502
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-285	-285
06-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-63,897	-63,897
06-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-45	-45
06-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,419	-4,419
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.86	AUD	ORD	-28	-28
07-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.86	AUD	ORD	-316	-316
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	206.35	AUD	ORD	99	99
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	206.35	AUD	ORD	32	32
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	206.35	AUD	ORD	55	55
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	203.90	AUD	ORD	896	896
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	946	946
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	731	731
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-516	-516
07-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
07-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	3,239	3,239
07-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,001	2,001
10-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	6,634	6,634
10-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	207.00	AUD	ORD	-16	-16
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	206.46	AUD	ORD	260	260
10-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	206.46	AUD	ORD	96	96
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	180	180
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
10-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,342	-4,342
10-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2,085	-2,085
10-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,289	-1,289
11-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	207.52	AUD	ORD	-41	-41
11-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	207.55	AUD	ORD	406	406
11-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	207.52	AUD	ORD	-237	-237
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	207.44	AUD	ORD	393	393
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	207.44	AUD	ORD	39	39
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	207.44	AUD	ORD	56	56
11-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	207.44	AUD	ORD	3,047	3,047
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10	10
11-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-758	-758
11-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
11-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,215	-1,215
11-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-750	-750
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	205.87	AUD	ORD	231	231
12-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	205.87	AUD	ORD	234	234
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	205.87	AUD	ORD	1,251	1,251
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	205.87	AUD	ORD	46	46
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	205.87	AUD	ORD	380	380
12-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	205.90	AUD	ORD	55	55
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-516	-516
12-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
13-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.44	AUD	ORD	-291	-291

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13-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	203.33	AUD	ORD	617	617
13-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	202.28	AUD	ORD	336	336
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	202.28	AUD	ORD	-166	-166
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	202.28	AUD	ORD	32	32
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	202.28	AUD	ORD	80	80
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-66	-66
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	880	880
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-984	-984
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	488	488
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-774	-774
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-78	-78
13-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
14-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	205.64	AUD	ORD	-92	-92
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	205.28	AUD	ORD	165	165
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	205.28	AUD	ORD	40	40
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	205.28	AUD	ORD	80	80
14-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	205.28	AUD	ORD	-428	-428
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	285	285
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	502	502
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	4,720	4,720
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	6,928	6,928
14-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-39,556	-39,556
17-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	203.80	AUD	ORD	23	23
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	203.80	AUD	ORD	126	126
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	203.80	AUD	ORD	112	112
17-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	203.80	AUD	ORD	443	443
17-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	205.28	AUD	ORD	167	167
18-Sep-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	200.81	AUD	ORD	-199	-199
18-Sep-18	BlackRock Advisors, LLC	on mkt sell	200.81	AUD	ORD	-515	-515
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	200.81	AUD	ORD	-70	-70
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.81	AUD	ORD	-166	-166
18-Sep-18	BlackRock Advisors, LLC	on mkt sell	200.81	AUD	ORD	-328	-328
18-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	202.00	AUD	ORD	-1,058	-1,058
18-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	200.59	AUD	ORD	315	315
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.47	AUD	ORD	39	39
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.47	AUD	ORD	352	352
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.47	AUD	ORD	-1,927	-1,927
18-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	200.47	AUD	ORD	-445	-445
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.47	AUD	ORD	78	78
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.47	AUD	ORD	171	171
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.47	AUD	ORD	57	57
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.47	AUD	ORD	80	80
18-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	200.47	AUD	ORD	17	17
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.90	AUD	ORD	1,864	1,864
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.90	AUD	ORD	742	742
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.90	AUD	ORD	100	100
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.88	AUD	ORD	250	250
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.88	AUD	ORD	157	157
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.88	AUD	ORD	249	249

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19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.56	AUD	ORD	168	168
19-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.56	AUD	ORD	117	117
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.56	AUD	ORD	-848	-848
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.56	AUD	ORD	-785	-785
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.56	AUD	ORD	186	186
19-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-774	-774
19-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	220	220
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	201.56	AUD	ORD	-2,574	-2,574
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.77	AUD	ORD	8,210	8,210
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	201.67	AUD	ORD	-1,261	-1,261
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.54	AUD	ORD	156	156
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.54	AUD	ORD	168	168
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.54	AUD	ORD	80	80
20-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.54	AUD	ORD	-567	-567
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	201.64	AUD	ORD	-1,040	-1,040
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	201.64	AUD	ORD	1,670	1,670
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	201.64	AUD	ORD	460	460
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	201.64	AUD	ORD	2,657	2,657
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy	201.64	AUD	ORD	733	733
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	678	678
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	186	186
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	297	297
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	1,079	1,079
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.64	AUD	ORD	-708	-708
21-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	201.64	AUD	ORD	-4,006	-4,006
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	20	20
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	32	32
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	72	72
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	115	115
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.64	AUD	ORD	-1,318	-1,318
21-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	201.64	AUD	ORD	-399	-399
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.64	AUD	ORD	-362	-362
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	56	56
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	200	200
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	125	125
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.64	AUD	ORD	35	35
21-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-364	-364
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,132	-2,132
21-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,463	1,463
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	201.56	AUD	ORD	-258	-258
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.56	AUD	ORD	56	56
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.56	AUD	ORD	198	198
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.56	AUD	ORD	112	112
24-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	201.56	AUD	ORD	-470	-470
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-774	-774

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24-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	224	224
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37	37
24-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	36,507	36,507
25-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	202.62	AUD	ORD	1,227	1,227
25-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	202.63	AUD	ORD	186	186
25-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	203.30	AUD	ORD	99	99
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	203.30	AUD	ORD	708	708
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	203.30	AUD	ORD	-3,155	-3,155
25-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	203.30	AUD	ORD	154	154
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	244	244
25-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	348	348
25-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	58,826	58,826
26-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	202.03	AUD	ORD	187	187
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.81	AUD	ORD	709	709
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.81	AUD	ORD	1,217	1,217
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.81	AUD	ORD	118	118
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.71	AUD	ORD	76	76
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.71	AUD	ORD	75	75
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.57	AUD	ORD	455	455
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.57	AUD	ORD	130	130
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.87	AUD	ORD	650	650
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.57	AUD	ORD	80	80
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	201.57	AUD	ORD	144	144
26-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	201.57	AUD	ORD	3,109	3,109
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	172	172
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	110	110
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-164	-164
26-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,572	2,572
26-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	11,867	11,867
27-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	201.59	AUD	ORD	185	185
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	200.60	AUD	ORD	-384	-384
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.60	AUD	ORD	80	80
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-621	-621
27-Sep-18	BlackRock Fund Advisors	on mkt buy	200.60	AUD	ORD	516	516
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.60	AUD	ORD	533	533
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.60	AUD	ORD	253	253
27-Sep-18	BlackRock Fund Advisors	on mkt sell	200.60	AUD	ORD	-460	-460
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-555	-555
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.60	AUD	ORD	-1,111	-1,111
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	560	560
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-265	-265
27-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	10,178	10,178
27-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,507	-11,507
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	309	309
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-309	-309
28-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	201.60	AUD	ORD	62	62
28-Sep-18	BlackRock Investment Management (UK) Limited	on mkt sell	202.43	AUD	ORD	-24	-24
28-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	201.15	AUD	ORD	2,713	2,713
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	200.64	AUD	ORD	32	32
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.64	AUD	ORD	-119	-119

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28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.64	AUD	ORD	-310	-310
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.64	AUD	ORD	256	256
28-Sep-18	BlackRock Asset Management Canada Limited	on mkt buy	200.64	AUD	ORD	463	463
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,591	1,591
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	645	645
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-820	-820
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	244	244
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	224	224
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,016	2,016
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-382	-382
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,166	-5,166
28-Sep-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	360	360
28-Sep-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-360	-360
01-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	201.79	AUD	ORD	206	206
01-Oct-18	BlackRock Fund Advisors	on mkt buy	201.10	AUD	ORD	412	412
01-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,104	-12,104
02-Oct-18	BlackRock Investment Management, LLC	on mkt sell	200.16	AUD	ORD	-131	-131
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	200.16	AUD	ORD	-462	-462
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	200.11	AUD	ORD	80	80
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	200.11	AUD	ORD	480	480
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	200.11	AUD	ORD	64	64
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	200.11	AUD	ORD	140	140
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	200.11	AUD	ORD	681	681
02-Oct-18	BlackRock (Netherlands) B.V.	on mkt buy	200.11	AUD	ORD	29	29
02-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	200.11	AUD	ORD	907	907
02-Oct-18	BlackRock (Netherlands) B.V.	on mkt buy	200.11	AUD	ORD	91	91
02-Oct-18	BlackRock Fund Advisors	on mkt buy	200.11	AUD	ORD	344	344
02-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	201.59	AUD	ORD	-225	-225
02-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	244	244
02-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,416	3,416
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	202.50	AUD	ORD	797	797
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	202.50	AUD	ORD	3,419	3,419
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	202.50	AUD	ORD	369	369
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	202.50	AUD	ORD	131	131
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	202.51	AUD	ORD	9	9
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	202.51	AUD	ORD	9	9
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	202.76	AUD	ORD	-3,114	-3,114
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	202.76	AUD	ORD	610	610
03-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	202.76	AUD	ORD	80	80
03-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	202.76	AUD	ORD	548	548
03-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,446	2,446
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	203.78	AUD	ORD	48	48
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	203.78	AUD	ORD	-48	-48
04-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	203.78	AUD	ORD	1,178	1,178
04-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	203.78	AUD	ORD	179	179
04-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	618	618
04-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,694	-67,694
05-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	204.27	AUD	ORD	-149	-149
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	204.17	AUD	ORD	97	97
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	204.17	AUD	ORD	390	390

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05-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	204.17	AUD	ORD	504	504
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	204.17	AUD	ORD	-256	-256
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,118	1,118
05-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	202.38	AUD	ORD	24	24
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	202.38	AUD	ORD	112	112
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	202.38	AUD	ORD	81	81
08-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	202.38	AUD	ORD	69	69
08-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
08-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	510	510
08-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,356	1,356
08-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	17,224	17,224
08-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	564	564
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,577	5,577
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	404	404
09-Oct-18	BlackRock Investment Management, LLC	on mkt sell	191.63	AUD	ORD	-125	-125
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	191.63	AUD	ORD	-225	-225
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	191.63	AUD	ORD	-9	-9
09-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	191.27	AUD	ORD	-1,092	-1,092
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	191.88	AUD	ORD	99	99
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	191.88	AUD	ORD	39	39
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	191.88	AUD	ORD	156	156
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	191.88	AUD	ORD	56	56
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	191.88	AUD	ORD	112	112
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	191.88	AUD	ORD	3,121	3,121
09-Oct-18	BlackRock Fund Advisors	on mkt buy	191.88	AUD	ORD	516	516
09-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	191.88	AUD	ORD	-572	-572
09-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	191.88	AUD	ORD	20	20
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,065	1,065
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	732	732
09-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
09-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-36	-36
09-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2	-2
09-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,720	-15,720
09-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-36	-36
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	197.64	AUD	ORD	870	870
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	197.64	AUD	ORD	146	146
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	197.64	AUD	ORD	339	339
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	197.64	AUD	ORD	555	555
10-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	197.69	AUD	ORD	26	26
10-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	197.69	AUD	ORD	28	28
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	198.12	AUD	ORD	32	32
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	198.12	AUD	ORD	-97	-97
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	198.12	AUD	ORD	56	56
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	198.12	AUD	ORD	16	16
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	198.12	AUD	ORD	-346	-346
10-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	244	244
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-140	-140
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-393	-393
10-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-34,506	-34,506

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10-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-474	-474
10-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,354	-1,354
10-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,504	-1,504
10-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-528	-528
11-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	189.79	AUD	ORD	-856	-856
11-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	192.05	AUD	ORD	-398	-398
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.57	AUD	ORD	-381	-381
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	186.57	AUD	ORD	32	32
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	186.57	AUD	ORD	96	96
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.57	AUD	ORD	-84	-84
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,500	1,500
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,148	-1,148
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-492	-492
11-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,208	2,208
12-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	184.20	AUD	ORD	158	158
12-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	186.77	AUD	ORD	-52	-52
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.49	AUD	ORD	-126	-126
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.49	AUD	ORD	-504	-504
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.49	AUD	ORD	-56	-56
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.49	AUD	ORD	-112	-112
12-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	186.49	AUD	ORD	3,042	3,042
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	186.49	AUD	ORD	-2,428	-2,428
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	186.49	AUD	ORD	-75	-75
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	186.49	AUD	ORD	-20	-20
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	155	155
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-155	-155
12-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-463	-463
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,633	-2,633
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,633	2,633
12-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
12-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,927	-1,927
15-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	185.51	AUD	ORD	455	455
15-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	185.51	AUD	ORD	-40	-40
15-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	440	440
15-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
16-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	186.47	AUD	ORD	-303	-303
16-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	186.47	AUD	ORD	-415	-415
16-Oct-18	BlackRock Advisors, LLC	on mkt sell	186.47	AUD	ORD	-1,068	-1,068
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	186.47	AUD	ORD	-198	-198
16-Oct-18	BlackRock Advisors, LLC	on mkt sell	186.47	AUD	ORD	-494	-494
16-Oct-18	BlackRock Investment Management, LLC	on mkt sell	186.47	AUD	ORD	-193	-193
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	186.47	AUD	ORD	-56	-56
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	185.85	AUD	ORD	125	125
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	185.85	AUD	ORD	-125	-125
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	185.85	AUD	ORD	-486	-486
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	185.85	AUD	ORD	64	64
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	185.85	AUD	ORD	3,719	3,719
16-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	185.85	AUD	ORD	24	24
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,350	1,350
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
16-Oct-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,208	-2,208
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	190.58	AUD	ORD	-206	-206
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	191.11	AUD	ORD	-391	-391

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17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -5,319	-5,319
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,261	5,261
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -9	-9
18-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -494	-494
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 56	56
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 64	64
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,560	-1,560
18-Oct-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 62	62
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 140	140
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 393	393
18-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD -1,008	-1,008
18-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,430	1,430
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -350	-350
19-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,154	-2,154
19-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -101	-101
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 16	16
19-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 1,252	1,252
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -417	-417
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 127	127
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 56	56
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 140	140
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -39	-39
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 56	56
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 798	798
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -144	-144
23-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 204	204
23-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 1,714	1,714
23-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 1,252	1,252
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 258	258
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 250	250
23-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 33	33
23-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 364	364
23-Oct-18	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 1,276	1,276
23-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 4,625	4,625
23-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 682	682
24-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 405	405
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,528	-1,528
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -429	-429
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -124	-124
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -127	-127
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 96	96
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 223	223
24-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 33	33
24-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 35	35
24-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD -463	-463
24-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -27	-27
24-Oct-18	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -118	-118
24-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 197	197
24-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -52	-52

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
25-Oct-18	BlackRock Advisors, LLC	on mkt sell	173.59	AUD	ORD	-114	-114
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	173.24	AUD	ORD	252	252
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	173.24	AUD	ORD	254	254
25-Oct-18	BlackRock Advisors, LLC	on mkt sell	173.24	AUD	ORD	-31	-31
25-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	173.24	AUD	ORD	3,600	3,600
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,724	2,724
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,680	1,680
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	244	244
25-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	132	132
25-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	429	429
25-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-792	-792
25-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	231	231
26-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-765	-765
26-Oct-18	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	765	765
26-Oct-18	BlackRock Investment Management (UK) Limited	on mkt sell	172.64	AUD	ORD	-42	-42
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	173.56	AUD	ORD	3,155	3,155
26-Oct-18	BlackRock Fund Advisors	on mkt buy	173.56	AUD	ORD	811	811
26-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	173.56	AUD	ORD	-69	-69
26-Oct-18	BlackRock Fund Advisors	on mkt buy	173.56	AUD	ORD	10	10
26-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	124	124
26-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	187	187
26-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	35	35
26-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-346	-346
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	173.35	AUD	ORD	-256	-256
29-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	173.36	AUD	ORD	2,088	2,088
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	173.35	AUD	ORD	-444	-444
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	173.33	AUD	ORD	-84	-84
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	173.33	AUD	ORD	99	99
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	173.33	AUD	ORD	176	176
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	173.33	AUD	ORD	39	39
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	173.33	AUD	ORD	1,022	1,022
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	173.33	AUD	ORD	196	196
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
29-Oct-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-593	-593
29-Oct-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,774	-1,774
29-Oct-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,065	-4,065
29-Oct-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-514	-514
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	173.71	AUD	ORD	369	369
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	175.00	AUD	ORD	723	723
30-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	175.00	AUD	ORD	-74	-74
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
31-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	174.52	AUD	ORD	278	278
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	176.68	AUD	ORD	-228	-228
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	176.04	AUD	ORD	-95	-95
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	176.68	AUD	ORD	-43	-43
31-Oct-18	BlackRock Japan Co., Ltd.	on mkt buy	176.19	AUD	ORD	119	119
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	177.58	AUD	ORD	48	48

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	177.58	AUD	ORD	-99	-99
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	177.58	AUD	ORD	-39	-39
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	177.58	AUD	ORD	-56	-56
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	177.58	AUD	ORD	-120	-120
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	177.58	AUD	ORD	2,515	2,515
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	177.58	AUD	ORD	-307	-307
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	177.58	AUD	ORD	-285	-285
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	420	420
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,075	-1,075
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	136	136
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	784
01-Nov-18	BlackRock (Singapore) Limited	in specie	n/a	AUD	ORD	301	301
01-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	179.38	AUD	ORD	-214	-214
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	179.38	AUD	ORD	-7,865	-7,865
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	179.38	AUD	ORD	80	80
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	179.38	AUD	ORD	80	80
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	179.38	AUD	ORD	-99	-99
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	179.38	AUD	ORD	1,201	1,201
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	179.38	AUD	ORD	100	100
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	123	123
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-463	-463
01-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,745	-1,745
01-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,306	2,306
02-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	179.61	AUD	ORD	-262	-262
02-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	179.56	AUD	ORD	585	585
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	179.56	AUD	ORD	125	125
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	179.56	AUD	ORD	-36	-36
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	179.56	AUD	ORD	-1,312	-1,312
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	179.56	AUD	ORD	-254	-254
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	336	336
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	251	251
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
02-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	18,041	18,041
05-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	173.83	AUD	ORD	-554	-554
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	336	336
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	52	52
05-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20,347	-20,347
05-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	4	4
05-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	977	977
05-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,121	1,121
05-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	190	190
06-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	172.27	AUD	ORD	-21	-21
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.74	AUD	ORD	160	160
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.74	AUD	ORD	168	168
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	171.74	AUD	ORD	-2,296	-2,296
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.74	AUD	ORD	112	112
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.74	AUD	ORD	215	215
06-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
06-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-179	-179
06-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	183	183
06-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5	-5
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	171.11	AUD	ORD	233	233
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	171.11	AUD	ORD	2,342	2,342

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07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	171.11	AUD	ORD	187	187
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.29	AUD	ORD	126	126
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.29	AUD	ORD	64	64
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	171.29	AUD	ORD	-98	-98
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	171.29	AUD	ORD	-196	-196
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.29	AUD	ORD	64	64
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.29	AUD	ORD	273	273
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	171.29	AUD	ORD	162	162
07-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	171.74	AUD	ORD	-27,645	-27,645
07-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-205	-205
07-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	251	251
07-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	224	224
07-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-4	-4
07-Nov-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-798	-798
07-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,305	-1,305
07-Nov-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-186	-186
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	173.39	AUD	ORD	1,388	1,388
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	173.02	AUD	ORD	-381	-381
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	173.02	AUD	ORD	390	390
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	173.02	AUD	ORD	504	504
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	173.02	AUD	ORD	81	81
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	173.02	AUD	ORD	273	273
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	502	502
09-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	173.91	AUD	ORD	-222	-222
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	176.13	AUD	ORD	560	560
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	176.13	AUD	ORD	32	32
09-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	176.13	AUD	ORD	25	25
09-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	176.13	AUD	ORD	6,981	6,981
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-66	-66
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64	64
09-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-686	-686
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,915	1,915
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,119	2,119
12-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	175.22	AUD	ORD	-25	-25
12-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	175.22	AUD	ORD	-620	-620
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	175.45	AUD	ORD	-381	-381
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	175.45	AUD	ORD	400	400
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	175.45	AUD	ORD	456	456
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	175.45	AUD	ORD	81	81
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	175.45	AUD	ORD	-256	-256
12-Nov-18	BlackRock Investment Management, LLC	on mkt buy	175.45	AUD	ORD	197	197
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-463	-463
13-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	168.88	AUD	ORD	407	407
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	168.02	AUD	ORD	112	112
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	168.02	AUD	ORD	234	234
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	168.02	AUD	ORD	56	56
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	168.02	AUD	ORD	336	336
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	168.02	AUD	ORD	81	81
13-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	168.02	AUD	ORD	706	706
13-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	168.02	AUD	ORD	93	93
13-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-165	-165
13-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	38,400	38,400
13-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	47	47

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13-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 99	99
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	163.32	AUD	ORD 929	929
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	163.32	AUD	ORD 1,880	1,880
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	163.32	AUD	ORD 206	206
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	163.09	AUD	ORD -1,298	-1,298
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	162.78	AUD	ORD 1,063	1,063
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	162.78	AUD	ORD 473	473
14-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	162.78	AUD	ORD 453	453
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	160.20	AUD	ORD -384	-384
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.20	AUD	ORD 190	190
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.20	AUD	ORD 616	616
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.20	AUD	ORD 81	81
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.20	AUD	ORD 160	160
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.20	AUD	ORD 56	56
14-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD 205	205
14-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 336	336
14-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 0	0
14-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD 0	0
14-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 0	0
15-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	161.28	AUD	ORD 291	291
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	161.28	AUD	ORD 585	585
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	161.28	AUD	ORD 56	56
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	161.28	AUD	ORD -76	-76
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	161.28	AUD	ORD 112	112
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	161.28	AUD	ORD 112	112
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	161.28	AUD	ORD 81	81
15-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	161.28	AUD	ORD 662	662
15-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	161.28	AUD	ORD -432	-432
15-Nov-18	BlackRock Fund Advisors	on mkt buy	161.28	AUD	ORD 299	299
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	161.28	AUD	ORD 66	66
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 1,568	1,568
15-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD 0	0
15-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -47	-47
15-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -99	-99
16-Nov-18	BlackRock Advisors, LLC	on mkt buy	160.84	AUD	ORD 424	424
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.82	AUD	ORD 43	43
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	160.84	AUD	ORD 120	120
16-Nov-18	BlackRock Advisors, LLC	on mkt buy	160.83	AUD	ORD 149	149
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.63	AUD	ORD 39	39
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	160.63	AUD	ORD 8	8
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	160.63	AUD	ORD -232	-232
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 390	390
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -872	-872
16-Nov-18	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD 872	872
16-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -38,400	-38,400
19-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD -452	-452
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	156.03	AUD	ORD 56	56
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	156.03	AUD	ORD -258	-258
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 150	150
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 320	320
20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	157.70	AUD	ORD 204	204
20-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	157.80	AUD	ORD -192	-192

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20-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	157.70	AUD	ORD	17	17
20-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	158.78	AUD	ORD	-2,179	-2,179
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	158.74	AUD	ORD	256	256
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	158.74	AUD	ORD	81	81
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	158.74	AUD	ORD	25	25
20-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	158.74	AUD	ORD	-2,207	-2,207
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	99	99
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	160	160
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	78	78
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	560	560
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	162.22	AUD	ORD	1,442	1,442
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	162.22	AUD	ORD	1,199	1,199
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	162.22	AUD	ORD	937	937
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	162.22	AUD	ORD	2,931	2,931
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	161.55	AUD	ORD	109	109
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	162.22	AUD	ORD	87	87
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	162.34	AUD	ORD	1,468	1,468
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	162.34	AUD	ORD	615	615
21-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	162.34	AUD	ORD	622	622
21-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	161.79	AUD	ORD	-2,178	-2,178
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	162.66	AUD	ORD	-38	-38
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	162.66	AUD	ORD	-38	-38
21-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	165	165
21-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	159	159
21-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,470	-1,470
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,117	-1,117
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-642	-642
21-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,821	12,821
22-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	166.79	AUD	ORD	43	43
22-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	166.79	AUD	ORD	2,921	2,921
22-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	167.29	AUD	ORD	854	854
22-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
23-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	167.39	AUD	ORD	204	204
23-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,282	-2,282
23-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	166.83	AUD	ORD	-108	-108
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	166.83	AUD	ORD	-160	-160
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	166.83	AUD	ORD	14	14
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	166.83	AUD	ORD	-48	-48
26-Nov-18	BlackRock Advisors, LLC	on mkt sell	166.83	AUD	ORD	-3,771	-3,771
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	166.83	AUD	ORD	-285	-285
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	166.83	AUD	ORD	2,585	2,585
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,320	1,320
26-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,087	-4,087
27-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	169.00	AUD	ORD	501	501
27-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	169.00	AUD	ORD	177	177
27-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	169.00	AUD	ORD	412	412
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.00	AUD	ORD	489	489
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.06	AUD	ORD	177	177
27-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	169.19	AUD	ORD	650	650

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.19	AUD	ORD	-99	-99
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.19	AUD	ORD	-128	-128
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.19	AUD	ORD	-160	-160
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.19	AUD	ORD	-1,271	-1,271
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	560	560
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
27-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	168.02	AUD	ORD	2,215	2,215
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	168.09	AUD	ORD	85	85
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	168.12	AUD	ORD	808	808
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	168.12	AUD	ORD	144	144
28-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	168.12	AUD	ORD	139	139
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	168.43	AUD	ORD	95	95
28-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	168.43	AUD	ORD	309	309
28-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	168.43	AUD	ORD	71	71
28-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	168.43	AUD	ORD	253	253
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	285	285
28-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
28-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	4,654	4,654
28-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	35,346	35,346
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	172.70	AUD	ORD	384	384
29-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	172.70	AUD	ORD	-2,500	-2,500
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	66	66
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
29-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,177	3,177
29-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-8	-8
29-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8	8
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	170.45	AUD	ORD	13	13
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-94	-94
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	169.28	AUD	ORD	-62	-62
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	169.28	AUD	ORD	-191	-191
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	169.28	AUD	ORD	476	476
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-593	-593
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-1,777	-1,777
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	169.28	AUD	ORD	-2	-2
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	169.28	AUD	ORD	-10	-10
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	169.28	AUD	ORD	-168	-168
30-Nov-18	BlackRock Advisors, LLC	on mkt sell	169.28	AUD	ORD	-55	-55
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	169.28	AUD	ORD	847	847
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-22	-22
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-73	-73
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-2,194	-2,194
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-733	-733
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-3,907	-3,907
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-11,705	-11,705
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-400	-400
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-1,206	-1,206
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	169.28	AUD	ORD	1,265	1,265
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	169.28	AUD	ORD	273	273
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-4,741	-4,741
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-1,583	-1,583
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-1,154	-1,154

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30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	169.28	AUD	ORD	-383	-383
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	169.28	AUD	ORD	381	381
30-Nov-18	BlackRock Fund Advisors	on mkt buy	169.28	AUD	ORD	558	558
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-555	-555
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-1,659	-1,659
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-3,411	-3,411
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-1,138	-1,138
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-52	-52
30-Nov-18	BlackRock Fund Advisors	on mkt sell	169.28	AUD	ORD	-158	-158
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.28	AUD	ORD	425	425
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	169.28	AUD	ORD	-30	-30
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	169.28	AUD	ORD	-94	-94
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.28	AUD	ORD	239	239
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.28	AUD	ORD	-875	-875
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.28	AUD	ORD	-2,621	-2,621
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-32	-32
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-99	-99
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-50	-50
30-Nov-18	BlackRock Asset Management Canada Limited	on mkt sell	169.28	AUD	ORD	-151	-151
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	169.28	AUD	ORD	1,684	1,684
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	169.28	AUD	ORD	83	83
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	169.28	AUD	ORD	-108	-108
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	169.28	AUD	ORD	-35	-35
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.28	AUD	ORD	-420	-420
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.28	AUD	ORD	-1,261	-1,261
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	169.28	AUD	ORD	-101	-101
30-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33	33
30-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,177	-3,177
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3	-3
30-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
03-Dec-18	BlackRock Fund Advisors	on mkt buy	175.68	AUD	ORD	573	573
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	172.76	AUD	ORD	-740	-740
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	173.00	AUD	ORD	3,785	3,785
03-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	68	68
03-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
03-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,734	-8,734
03-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-2,448	-2,448
03-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,448	2,448
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	172.85	AUD	ORD	313	313
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	169.96	AUD	ORD	20	20
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	169.96	AUD	ORD	-125	-125
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	169.96	AUD	ORD	-98	-98
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	170	170
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,000	2,000
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	897	897
04-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-897	-897
05-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	167.27	AUD	ORD	-383	-383

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05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 493	493
05-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 1,722	1,722
05-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 2,693	2,693
05-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 0	0
05-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 0	0
06-Dec-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 53,036	53,036
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -512	-512
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 592	592
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 160	160
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 47	47
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 235	235
06-Dec-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -3,299	-3,299
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 68	68
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 360	360
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,380	1,380
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 664	664
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 155	155
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 900	900
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 2,096	2,096
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 0	0
06-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 0	0
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -18	-18
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -17	-17
07-Dec-18	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 20,991	20,991
07-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -30	-30
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 297	297
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -99	-99
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -14	-14
07-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 34	34
07-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 180	180
07-Dec-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -7	-7
07-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 500	500
07-Dec-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -781	-781
07-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 2	2
07-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -2	-2
10-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 325	325
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -381	-381
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 66	66
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 830	830
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 182	182
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 159	159
10-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -2,234	-2,234
10-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 2,234	2,234
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 650	650
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 250	250
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -99	-99
11-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 700	700
11-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 300	300
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -860	-860
11-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -39,140	-39,140
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -597	-597
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,288	-1,288
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -143	-143

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12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.59	AUD	ORD	-166	-166
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.59	AUD	ORD	-164	-164
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	170.44	AUD	ORD	48	48
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.44	AUD	ORD	-48	-48
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	168.30	AUD	ORD	-4,499	-4,499
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	170.44	AUD	ORD	99	99
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	130	130
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	78	78
12-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	17,189	17,189
12-Dec-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,869	-2,869
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	172.44	AUD	ORD	517	517
13-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	171.57	AUD	ORD	-1,732	-1,732
13-Dec-18	BlackRock Fund Advisors	on mkt buy	171.89	AUD	ORD	286	286
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-786	-786
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	713	713
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-713	-713
13-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	20,251	20,251
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	169.51	AUD	ORD	-110	-110
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	170.46	AUD	ORD	-3,896	-3,896
14-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	170.46	AUD	ORD	-714	-714
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	170.46	AUD	ORD	-673	-673
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	170.46	AUD	ORD	-1,653	-1,653
14-Dec-18	BlackRock Investment Management, LLC	on mkt sell	170.46	AUD	ORD	-2,073	-2,073
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.46	AUD	ORD	-186	-186
14-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	169.88	AUD	ORD	-50	-50
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.53	AUD	ORD	-508	-508
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.53	AUD	ORD	-328	-328
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	170.53	AUD	ORD	20	20
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	170.53	AUD	ORD	934	934
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	170.53	AUD	ORD	-167	-167
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	169.51	AUD	ORD	-135	-135
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	502	502
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	500	500
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	204	204
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	900	900
14-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-37,440	-37,440
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	68	68
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	172.77	AUD	ORD	-28	-28
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	318	318
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,500	2,500
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	800	800
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	502	502
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	174.05	AUD	ORD	-889	-889
18-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	172.53	AUD	ORD	-3,771	-3,771
18-Dec-18	BlackRock Investment Management, LLC	on mkt sell	172.55	AUD	ORD	-146	-146
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	172.55	AUD	ORD	-349	-349
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	172.57	AUD	ORD	-112	-112
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	172.38	AUD	ORD	-96	-96
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	172.38	AUD	ORD	20	20
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	172.38	AUD	ORD	-12	-12
18-Dec-18	BlackRock Fund Advisors	on mkt sell	172.38	AUD	ORD	-1,512	-1,512
18-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	172.38	AUD	ORD	-93	-93
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	172.38	AUD	ORD	-214	-214
18-Dec-18	BlackRock Fund Advisors	on mkt sell	172.38	AUD	ORD	-2,965	-2,965

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
18-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	60	60
18-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,772	-2,772
18-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	39,987	39,987
19-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	170.65	AUD	ORD	37	37
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	171.60	AUD	ORD	835	835
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	170.45	AUD	ORD	-15,006	-15,006
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	170.45	AUD	ORD	-798	-798
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	170.40	AUD	ORD	-937	-937
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	170.40	AUD	ORD	-388	-388
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	170.40	AUD	ORD	-388	-388
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.56	AUD	ORD	-254	-254
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.56	AUD	ORD	-192	-192
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.56	AUD	ORD	-28	-28
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.56	AUD	ORD	-24	-24
19-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	170.56	AUD	ORD	-158	-158
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.56	AUD	ORD	-112	-112
19-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	180	180
19-Dec-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,089	5,089
19-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,900	-3,900
20-Dec-18	BlackRock Investment Management, LLC	on mkt sell	170.97	AUD	ORD	-129	-129
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	170.97	AUD	ORD	-359	-359
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	169.73	AUD	ORD	-24	-24
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	169.73	AUD	ORD	-36	-36
20-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	169.73	AUD	ORD	271	271
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.73	AUD	ORD	59	59
20-Dec-18	BlackRock International Limited	on mkt buy	169.73	AUD	ORD	453	453
20-Dec-18	BlackRock Investment Management, LLC	on mkt sell	169.73	AUD	ORD	-416	-416
20-Dec-18	BlackRock (Netherlands) B.V.	on mkt buy	169.73	AUD	ORD	19	19
20-Dec-18	BlackRock Fund Advisors	on mkt buy	169.73	AUD	ORD	501	501
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.73	AUD	ORD	1,515	1,515
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	169.73	AUD	ORD	344	344
20-Dec-18	BlackRock Fund Advisors	on mkt buy	169.73	AUD	ORD	884	884
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	170.91	AUD	ORD	-387	-387
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	204	204
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	656	656
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,020	-1,020
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	990	990
20-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	35,487	35,487
20-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-36,087	-36,087
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	166.52	AUD	ORD	-2,438	-2,438
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	166.52	AUD	ORD	-2,864	-2,864
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	166.03	AUD	ORD	1,008	1,008
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	166.03	AUD	ORD	1,245	1,245
21-Dec-18	BlackRock (Singapore) Limited	on mkt sell	166.03	AUD	ORD	-139	-139
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	166.03	AUD	ORD	-185	-185
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	166.03	AUD	ORD	1,294	1,294
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	166.03	AUD	ORD	-80	-80
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	166.03	AUD	ORD	-3,483	-3,483
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	166.03	AUD	ORD	260	260

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21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	166.03	AUD	ORD	-516	-516
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	166.03	AUD	ORD	8	8
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	166.03	AUD	ORD	-48	-48
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	166.03	AUD	ORD	413	413
21-Dec-18	BlackRock (Singapore) Limited	on mkt sell	166.03	AUD	ORD	-106	-106
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	166.03	AUD	ORD	-140	-140
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	166.03	AUD	ORD	707	707
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	166.03	AUD	ORD	-2,651	-2,651
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	860	860
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	155	155
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,287	-1,287
21-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,600	-9,600
24-Dec-18	BlackRock Fund Advisors	on mkt buy	167.39	AUD	ORD	262	262
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-34	-34
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-594	-594
24-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
25-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-25,887	-25,887
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	180	180
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,287	1,287
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	502	502
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	656	656
26-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	487	487
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	172.07	AUD	ORD	-81	-81
27-Dec-18	BlackRock Fund Advisors	on mkt buy	169.43	AUD	ORD	596	596
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	172.24	AUD	ORD	2,763	2,763
27-Dec-18	BlackRock Investment Management, LLC	on mkt buy	173.54	AUD	ORD	377	377
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	173.54	AUD	ORD	-3,272	-3,272
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,148	1,148
27-Dec-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-16,899	-16,899
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,584	-1,584
27-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-487	-487
28-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	174.49	AUD	ORD	-182	-182
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	175.00	AUD	ORD	-39	-39
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	175.00	AUD	ORD	-127	-127
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	175.00	AUD	ORD	-127	-127
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	175.00	AUD	ORD	97	97
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	175.00	AUD	ORD	-99	-99
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	175.00	AUD	ORD	-40	-40
28-Dec-18	BlackRock Investment Management, LLC	on mkt buy	175.00	AUD	ORD	151	151
28-Dec-18	BlackRock Fund Advisors	on mkt buy	175.00	AUD	ORD	949	949
28-Dec-18	BlackRock Advisors, LLC	on mkt sell	175.00	AUD	ORD	-92	-92
28-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	792	792
31-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	173.57	AUD	ORD	-112	-112
31-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	173.57	AUD	ORD	271	271
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	208	208
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	768	768
31-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,795	6,795
01-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
02-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	174.93	AUD	ORD	-236	-236
02-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	174.93	AUD	ORD	-2,182	-2,182
02-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	174.90	AUD	ORD	24	24
02-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	174.90	AUD	ORD	968	968
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-908	-908
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	768	768
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	753	753
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,386	1,386
02-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,223	-3,223
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	177.70	AUD	ORD	-401	-401

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03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	177.82	AUD	ORD	-615	-615
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.85	AUD	ORD	5,951	5,951
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	177.80	AUD	ORD	47	47
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35	-35
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35	-35
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	891	891
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	502	502
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	78	78
03-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,572	-3,572
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	174.26	AUD	ORD	-575	-575
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	174.26	AUD	ORD	-148	-148
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	174.26	AUD	ORD	-147	-147
04-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	175.38	AUD	ORD	-192	-192
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	175.38	AUD	ORD	47	47
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	175.38	AUD	ORD	-163	-163
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	175.38	AUD	ORD	-80	-80
04-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	175.38	AUD	ORD	121	121
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	175.38	AUD	ORD	1,000	1,000
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	175.38	AUD	ORD	13,561	13,561
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	630	630
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	280	280
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,386	-1,386
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	78	78
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	318	318
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	175.99	AUD	ORD	-512	-512
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	175.99	AUD	ORD	-390	-390
07-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	175.99	AUD	ORD	2,652	2,652
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	175.99	AUD	ORD	-640	-640
07-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-105	-105
07-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	210	210
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	178.00	AUD	ORD	-376	-376
08-Jan-19	BlackRock Fund Advisors	on mkt sell	178.00	AUD	ORD	-1,762	-1,762
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	196	196
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	390	390
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	175	175
08-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	78,075	78,075
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	182.93	AUD	ORD	-1,115	-1,115
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	183.26	AUD	ORD	168	168
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	183.26	AUD	ORD	-47	-47
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	183.26	AUD	ORD	200	200
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	183.26	AUD	ORD	99	99
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,450	2,450
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	280	280
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-144	-144
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	60	60
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	60	60
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,390	3,390
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-908	-908
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-908	-908
09-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,660	2,660
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.67	AUD	ORD	200	200
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.39	AUD	ORD	260	260
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	184.67	AUD	ORD	-79	-79
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.67	AUD	ORD	32	32
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.67	AUD	ORD	167	167
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	210	210
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	212	212
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
10-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,758	-4,758
10-Jan-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	15	15

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10-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD 4,320	4,320
10-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD 65	65
11-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD 5,123	5,123
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.07	AUD	ORD 129	129
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.07	AUD	ORD 128	128
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.07	AUD	ORD 91	91
11-Jan-19	BlackRock Advisors, LLC	on mkt buy	184.07	AUD	ORD 54	54
11-Jan-19	BlackRock Investment Management, LLC	on mkt buy	184.07	AUD	ORD 386	386
11-Jan-19	BlackRock Asset Management Canada Limited	on mkt sell	184.07	AUD	ORD -75	-75
11-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	184.07	AUD	ORD 317	317
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 150	150
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -652	-652
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 495	495
11-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD -274	-274
11-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD 257	257
11-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD -75,977	-75,977
11-Jan-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD -15	-15
11-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD 130	130
11-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD 165	165
11-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -1,882	-1,882
11-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD 29	29
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.68	AUD	ORD 517	517
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.68	AUD	ORD 100	100
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.68	AUD	ORD 47	47
14-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	184.68	AUD	ORD -923	-923
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 70	70
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -652	-652
14-Jan-19	BlackRock Advisors, LLC	on mkt sell	184.68	AUD	ORD -80	-80
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -182	-182
14-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD -257	-257
14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD -130	-130
14-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD -165	-165
14-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD -2,438	-2,438
14-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD -94	-94
15-Jan-19	BlackRock Fund Advisors	on mkt sell	182.14	AUD	ORD -602	-602
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	184.87	AUD	ORD 130	130
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	185.79	AUD	ORD 47	47
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	185.79	AUD	ORD 39	39
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -1,536	-1,536
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -978	-978
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -2,282	-2,282
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	185.95	AUD	ORD -2,180	-2,180
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD -1,175	-1,175
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	186.45	AUD	ORD 20	20
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	186.45	AUD	ORD -100	-100
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	186.45	AUD	ORD 2,343	2,343
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.45	AUD	ORD 213	213
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 688	688
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -652	-652
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD 150	150
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD -502	-502
17-Jan-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD 410	410
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	187.15	AUD	ORD 645	645
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	187.56	AUD	ORD 200	200
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	187.56	AUD	ORD 498	498
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	187.56	AUD	ORD -47	-47

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17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	187.56	AUD	ORD	39	39
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	187.56	AUD	ORD	531	531
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-690	-690
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	168	168
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,720	-1,720
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	30	30
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
17-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	17,392	17,392
17-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	182	182
17-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	38,473	38,473
17-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	18,117	18,117
17-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	385	385
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	189.12	AUD	ORD	274	274
18-Jan-19	BlackRock Advisors, LLC	on mkt buy	189.12	AUD	ORD	1,426	1,426
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	189.12	AUD	ORD	199	199
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	189.12	AUD	ORD	297	297
18-Jan-19	BlackRock Advisors, LLC	on mkt buy	189.12	AUD	ORD	633	633
18-Jan-19	BlackRock Investment Management, LLC	on mkt buy	189.12	AUD	ORD	552	552
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	189.12	AUD	ORD	46	46
18-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	189.19	AUD	ORD	1,485	1,485
18-Jan-19	BlackRock Asset Management Canada Limited	on mkt sell	189.19	AUD	ORD	-291	-291
18-Jan-19	BlackRock Investment Management, LLC	on mkt buy	189.19	AUD	ORD	124	124
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	99	99
18-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-142	-142
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	2	2
18-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	74	74
18-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-96	-96
18-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	19	19
21-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	189.09	AUD	ORD	68	68
21-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	189.09	AUD	ORD	19	19
21-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	188.80	AUD	ORD	384	384
21-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	294	294
21-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,248	6,248
21-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-251	-251
21-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	3,103	3,103
21-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,493	6,493
21-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	51,311	51,311
21-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,320	2,320
21-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,551	-3,551
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	190.04	AUD	ORD	-5,455	-5,455
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	189.77	AUD	ORD	200	200
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	189.77	AUD	ORD	24	24
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	189.77	AUD	ORD	129	129
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	189.77	AUD	ORD	1,243	1,243
22-Jan-19	BlackRock Advisors, LLC	on mkt sell	189.77	AUD	ORD	-53	-53
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-540	-540
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-753	-753
22-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	39	39
22-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	739	739
22-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-130	-130
22-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	364	364

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22-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	470	470
22-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,901	3,901
22-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,126	-1,126
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.58	AUD	ORD	13	13
23-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	189.70	AUD	ORD	-155	-155
23-Jan-19	BlackRock Fund Advisors	on mkt buy	192.51	AUD	ORD	335	335
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	192.46	AUD	ORD	-3,544	-3,544
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	192.46	AUD	ORD	-1,535	-1,535
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	192.46	AUD	ORD	-117	-117
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	193.07	AUD	ORD	24	24
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.07	AUD	ORD	297	297
23-Jan-19	BlackRock Investment Management, LLC	on mkt buy	193.07	AUD	ORD	239	239
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	193.07	AUD	ORD	-558	-558
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
23-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-174	-174
23-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-133	-133
23-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,705	1,705
23-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-118	-118
23-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,033	-1,033
23-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	78	78
23-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,250	1,250
24-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.58	AUD	ORD	103	103
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	195.65	AUD	ORD	129	129
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	195.65	AUD	ORD	141	141
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	195.65	AUD	ORD	-100	-100
24-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	195.65	AUD	ORD	119	119
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-245	-245
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-774	-774
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-387	-387
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-76	-76
24-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	422	422
24-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-159	-159
24-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6,854	-6,854
24-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	74,130	74,130
24-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,439	-3,439
24-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-5,807	-5,807
24-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-55,363	-55,363
24-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,405	-2,405
25-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.43	AUD	ORD	127	127
25-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	195.92	AUD	ORD	390	390
25-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6	6
25-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,268	-2,268
25-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
25-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-900	-900
25-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,469	1,469
25-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-6	-6

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28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
28-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6	-6
28-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	656	656
28-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	15	15
28-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,776	-2,776
28-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,127	2,127
28-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	71	71
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	191.79	AUD	ORD	1,040	1,040
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	191.79	AUD	ORD	404	404
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	191.79	AUD	ORD	-101	-101
29-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	191.79	AUD	ORD	23	23
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.79	AUD	ORD	3,221	3,221
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-300	-300
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-502	-502
29-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-74,223	-74,223
29-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3	-3
29-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	436	436
29-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-419	-419
29-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-14	-14
29-Jan-19	BlackRock Investment Management, LLC	in specie	n/a	USD	ADR .5:1	34	17
30-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	191.70	AUD	ORD	3,346	3,346
30-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	191.70	AUD	ORD	1,440	1,440
30-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	191.70	AUD	ORD	3,210	3,210
30-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	191.42	AUD	ORD	1,393	1,393
30-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	191.02	AUD	ORD	-34	-34
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	210	210
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	140	140
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-240	-240
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-140	-140
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	908	908
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	297	297
30-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,178	6,178
30-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1	-1
30-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	100	100
30-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-89	-89
30-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-10	-10
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	193.42	AUD	ORD	-512	-512
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	193.42	AUD	ORD	91	91
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	193.42	AUD	ORD	26	26
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20	-20
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	908	908
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-652	-652
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	990	990
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,087	1,087
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,087	-1,087
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	856	856

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31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-856	-856
31-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,361	-6,361
31-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-106	-106
31-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	289	289
31-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,616	10,616
31-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1	1
01-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	194.26	AUD	ORD	-1,267	-1,267
01-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	194.26	AUD	ORD	-824	-824
01-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	194.26	AUD	ORD	209	209
01-Feb-19	BlackRock (Netherlands) B.V.	on mkt buy	194.26	AUD	ORD	93	93
01-Feb-19	BlackRock Fund Advisors	on mkt buy	194.26	AUD	ORD	248	248
01-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	194.26	AUD	ORD	-261	-261
01-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	74,107	74,107
01-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,040	1,040
01-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,748	1,748
01-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	28	28
01-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,811	-1,811
04-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	194.90	AUD	ORD	-785	-785
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	196.01	AUD	ORD	40	40
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	196.01	AUD	ORD	-100	-100
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	196.01	AUD	ORD	52	52
04-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	196.01	AUD	ORD	-101	-101
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,630	-1,630
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-251	-251
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	594	594
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35	-35
04-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,301	-24,301
04-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,403	-1,403
04-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,235	-2,235
04-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	56	56
05-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	195.49	AUD	ORD	1,491	1,491
05-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	194.47	AUD	ORD	492	492
05-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	194.47	AUD	ORD	624	624
05-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	194.47	AUD	ORD	-209	-209
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-140	-140
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-57	-57
05-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
05-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
05-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,684	2,684
05-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,613	-2,613
05-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-71	-71
05-Feb-19	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	-18,893	-18,893
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.03	AUD	ORD	4,071	4,071
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.03	AUD	ORD	3,659	3,659
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.03	AUD	ORD	5,064	5,064
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.03	AUD	ORD	938	938

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06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.03	AUD	ORD	959	959
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.03	AUD	ORD	2,897	2,897
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	197.90	AUD	ORD	61	61
06-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.90	AUD	ORD	47	47
06-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	197.90	AUD	ORD	-8	-8
06-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	197.90	AUD	ORD	-9	-9
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-57	-57
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	514	514
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,542	1,542
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,028	1,028
06-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
06-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	295	295
06-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,402	1,402
06-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,364	-1,364
06-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-37	-37
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	197.95	AUD	ORD	-263	-263
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	197.95	AUD	ORD	-197	-197
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	197.94	AUD	ORD	1,287	1,287
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	197.54	AUD	ORD	61	61
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.54	AUD	ORD	200	200
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.54	AUD	ORD	25	25
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	197.54	AUD	ORD	-96	-96
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.54	AUD	ORD	47	47
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-280	-280
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,542	1,542
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
07-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-44,812	-44,812
07-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,975	-1,975
07-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,918	1,918
07-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	57	57
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	198.85	AUD	ORD	-25	-25
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	198.85	AUD	ORD	47	47
08-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.85	AUD	ORD	1,192	1,192
08-Feb-19	BlackRock Asset Management Canada Limited	on mkt sell	198.85	AUD	ORD	-69	-69
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	198.85	AUD	ORD	-164	-164
08-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
08-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
08-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
08-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,964	1,964
08-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,855	-4,855
08-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-57	-57
11-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	199.60	AUD	ORD	-1,906	-1,906
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.72	AUD	ORD	404	404
11-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	197.72	AUD	ORD	3,070	3,070
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.72	AUD	ORD	1,411	1,411
11-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	197.72	AUD	ORD	733	733
11-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	23	23
11-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	14,363	14,363
11-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,443	1,443
11-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,418	-1,418
11-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-25	-25

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
12-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.53	AUD	ORD	3,384	3,384
12-Feb-19	BlackRock Advisors, LLC	on mkt buy	198.53	AUD	ORD	178	178
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.53	AUD	ORD	725	725
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.53	AUD	ORD	171	171
12-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	198.53	AUD	ORD	216	216
12-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	198.36	AUD	ORD	47	47
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.36	AUD	ORD	404	404
12-Feb-19	BlackRock Asset Management Canada Limited	on mkt sell	198.36	AUD	ORD	-2,616	-2,616
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-815	-815
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	424	424
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
12-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1	-1
12-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,492	2,492
12-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-49	-49
12-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	46	46
12-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3	3
13-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,953	-12,953
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	193.72	AUD	ORD	599	599
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	193.72	AUD	ORD	6,135	6,135
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	193.72	AUD	ORD	5,702	5,702
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	193.72	AUD	ORD	280	280
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	193.72	AUD	ORD	209	209
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	194.30	AUD	ORD	774	774
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	194.30	AUD	ORD	-14	-14
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	194.30	AUD	ORD	94	94
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	194.30	AUD	ORD	397	397
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	194.30	AUD	ORD	577	577
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	194.30	AUD	ORD	329	329
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-502	-502
13-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
13-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,187	4,187
13-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-24,923	-24,923
13-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,985	-8,985
13-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-247	-247
14-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	197.87	AUD	ORD	783	783
14-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	197.87	AUD	ORD	364	364
14-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	197.87	AUD	ORD	148	148
14-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	197.87	AUD	ORD	113	113
14-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	197.87	AUD	ORD	14	14
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.00	AUD	ORD	94	94
14-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	197.00	AUD	ORD	60	60
14-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	197.00	AUD	ORD	58	58
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,386	1,386
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-57	-57
14-Feb-19	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-969	-969

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14-Feb-19	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	969	969
14-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	-2
14-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,695	2,695
14-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-98	-98
14-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	98	98
14-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	0	0
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	199.63	AUD	ORD	-520	-520
15-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	199.47	AUD	ORD	2,199	2,199
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	197.48	AUD	ORD	84	84
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	197.48	AUD	ORD	-2,407	-2,407
15-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	197.48	AUD	ORD	-89	-89
15-Feb-19	BlackRock Investment Management, LLC	on mkt sell	197.09	AUD	ORD	-404	-404
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	297	297
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-474	-474
15-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
15-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,513	-40,513
15-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-301	-301
15-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	292	292
15-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9	9
18-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-932	-932
18-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7	-7
18-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	73,344	73,344
18-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	122	122
18-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,206	-7,206
18-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3	-3
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	178.60	AUD	ORD	264	264
19-Feb-19	BlackRock Investment Management, LLC	on mkt sell	178.58	AUD	ORD	-462	-462
19-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,359	-1,359
19-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
19-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
19-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	10	10
19-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-78,244	-78,244
19-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	78	78
19-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-77	-77
19-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1	-1
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	175.21	AUD	ORD	-62	-62
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	175.21	AUD	ORD	-20	-20
20-Feb-19	BlackRock Advisors, LLC	on mkt sell	175.31	AUD	ORD	-209	-209
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	175.18	AUD	ORD	-1,171	-1,171
20-Feb-19	BlackRock Advisors, LLC	on mkt sell	175.30	AUD	ORD	-100	-100
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	175.21	AUD	ORD	-20	-20
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	176.72	AUD	ORD	496	496
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-877	-877
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	174.92	AUD	ORD	1,345	1,345
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	174.92	AUD	ORD	1,030	1,030
20-Feb-19	BlackRock Advisors, LLC	on mkt buy	174.92	AUD	ORD	386	386

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20-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	174.92	AUD	ORD	444	444
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	174.92	AUD	ORD	353	353
20-Feb-19	BlackRock Advisors, LLC	on mkt buy	174.92	AUD	ORD	133	133
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	175.48	AUD	ORD	20	20
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	173.45	AUD	ORD	2,381	2,381
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	4,695	4,695
20-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-14	-14
20-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	35,580	35,580
20-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	61	61
20-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-53	-53
20-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-8	-8
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	171.22	AUD	ORD	268	268
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.30	AUD	ORD	94	94
21-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	170.30	AUD	ORD	144	144
21-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-815	-815
21-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-10	-10
21-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7	-7
21-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	114	114
21-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-129	-129
21-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	15	15
22-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.88	AUD	ORD	510	510
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	171.22	AUD	ORD	-520	-520
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	171.22	AUD	ORD	91	91
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	171.22	AUD	ORD	135	135
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	903	903
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,793	-1,793
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
22-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,670	11,670
22-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-245	-245
22-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,313	1,313
22-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1	-1
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	172.47	AUD	ORD	-25	-25
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	172.47	AUD	ORD	1,215	1,215
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	172.47	AUD	ORD	1,610	1,610
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,032	1,032
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,028	-1,028
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
25-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	132,364	132,364
25-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	133	133
25-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-151	-151
25-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	17	17
26-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	4,435	4,435
26-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.65	AUD	ORD	48	48
26-Feb-19	BlackRock Investment Management, LLC	on mkt buy	170.65	AUD	ORD	226	226
26-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	170.65	AUD	ORD	1,194	1,194
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-95	-95
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,285	-1,285
26-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-87,915	-87,915
26-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	68	68
26-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-68	-68

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26-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	0	0
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	170.05	AUD	ORD	2,082	2,082
27-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.30	AUD	ORD	632	632
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	169.68	AUD	ORD	732	732
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	169.68	AUD	ORD	91	91
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	169.68	AUD	ORD	244	244
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	169.68	AUD	ORD	-813	-813
27-Feb-19	BlackRock Asset Management Canada Limited	on mkt sell	169.68	AUD	ORD	-140	-140
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	169.68	AUD	ORD	128	128
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-652	-652
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
27-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
27-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	444	444
27-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-410	-410
27-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-34	-34
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	170.50	AUD	ORD	-204	-204
28-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	170.50	AUD	ORD	-922	-922
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	170.50	AUD	ORD	305	305
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	170.50	AUD	ORD	102	102
28-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	170.50	AUD	ORD	2	2
28-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	170.50	AUD	ORD	13	13
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.50	AUD	ORD	124	124
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.50	AUD	ORD	366	366
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	5	5
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	18	18
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	22	22
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	69	69
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	3	3
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	15	15
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	32	32
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	105	105
28-Feb-19	BlackRock Fund Advisors	on mkt buy	170.50	AUD	ORD	3,736	3,736
28-Feb-19	BlackRock Fund Advisors	on mkt buy	170.50	AUD	ORD	1,256	1,256
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.50	AUD	ORD	16	16
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.50	AUD	ORD	53	53
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	170.50	AUD	ORD	-1,086	-1,086
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	322	322
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	1,291	1,291
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	170.50	AUD	ORD	1,941	1,941
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	170.50	AUD	ORD	-3,460	-3,460
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	170.50	AUD	ORD	992	992
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-815	-815
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	495	495
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-251	-251
28-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-72,092	-72,092
28-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-318	-318
28-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-236	-236
28-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-47	-47

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01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	173.45	AUD	ORD	166	166
01-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	413	413
01-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,944	-6,944
01-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,015	-3,015
01-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-43	-43
04-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	176.19	AUD	ORD	-375	-375
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	175.32	AUD	ORD	130	130
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	173.85	AUD	ORD	-132	-132
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	173.85	AUD	ORD	-40	-40
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	173.85	AUD	ORD	39	39
04-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	173.85	AUD	ORD	135	135
04-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-489	-489
04-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-413	-413
04-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	255	255
04-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-254	-254
04-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1	-1
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	174.15	AUD	ORD	898	898
05-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	173.84	AUD	ORD	337	337
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	173.50	AUD	ORD	1,300	1,300
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	173.50	AUD	ORD	36	36
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	173.50	AUD	ORD	496	496
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	594	594
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	454	454
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
05-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-299	-299
05-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,373	-9,373
05-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,533	-3,533
05-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-95	-95
06-Mar-19	BlackRock Fund Advisors	on mkt buy	175.40	AUD	ORD	279	279
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	177.82	AUD	ORD	1,650	1,650
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.37	AUD	ORD	5,779	5,779
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.38	AUD	ORD	2,542	2,542
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.38	AUD	ORD	1,694	1,694
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.38	AUD	ORD	3,928	3,928
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	178.36	AUD	ORD	929	929
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	178.36	AUD	ORD	301	301
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	178.36	AUD	ORD	308	308
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	179.58	AUD	ORD	288	288
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	178.08	AUD	ORD	-132	-132
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.08	AUD	ORD	650	650
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	178.08	AUD	ORD	-404	-404
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.08	AUD	ORD	783	783
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,247	1,247
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-326	-326
06-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-19,600	-19,600
06-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
07-Mar-19	BlackRock Fund Advisors	on mkt buy	179.98	AUD	ORD	693	693
07-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	178.38	AUD	ORD	341	341

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.65	AUD	ORD	102	102
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.14	AUD	ORD	120	120
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.14	AUD	ORD	48	48
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.14	AUD	ORD	48	48
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	908	908
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-502	-502
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,542	-1,542
07-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.42	AUD	ORD	156	156
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	177.42	AUD	ORD	-786	-786
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	177.42	AUD	ORD	-924	-924
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	177.42	AUD	ORD	-303	-303
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	177.42	AUD	ORD	-80	-80
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.42	AUD	ORD	8	8
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.42	AUD	ORD	108	108
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.42	AUD	ORD	42	42
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.42	AUD	ORD	31	31
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	817	817
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-514	-514
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	454	454
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
08-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	176.52	AUD	ORD	-786	-786
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	176.52	AUD	ORD	-393	-393
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	176.52	AUD	ORD	47	47
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	176.52	AUD	ORD	91	91
11-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	176.52	AUD	ORD	-29	-29
11-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	176.52	AUD	ORD	1,154	1,154
11-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	176.52	AUD	ORD	-65	-65
11-Mar-19	BlackRock Advisors, LLC	on mkt sell	176.52	AUD	ORD	-72	-72
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	908	908
11-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	10,390	10,390
11-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	162	162
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.63	AUD	ORD	667	667
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	177.63	AUD	ORD	161	161
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	177.63	AUD	ORD	101	101
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	177.63	AUD	ORD	93	93
12-Mar-19	BlackRock Advisors, LLC	on mkt buy	177.63	AUD	ORD	652	652
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	276	276
12-Mar-19	BlackRock Advisors, LLC	on mkt buy	177.63	AUD	ORD	155	155
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	1,393	1,393
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	396	396
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	177.60	AUD	ORD	-3,923	-3,923
12-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	177.63	AUD	ORD	141	141
12-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	177.63	AUD	ORD	501	501
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	1,266	1,266
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	413	413
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.63	AUD	ORD	22	22
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.53	AUD	ORD	168	168
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.53	AUD	ORD	156	156
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.53	AUD	ORD	96	96
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.53	AUD	ORD	2,670	2,670
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	177.53	AUD	ORD	-472	-472

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12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	177.53	AUD	ORD	-369	-369
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,075	1,075
12-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
12-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-465	-465
13-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	178.26	AUD	ORD	-299	-299
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.92	AUD	ORD	4,840	4,840
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.92	AUD	ORD	2,565	2,565
13-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	178.01	AUD	ORD	64	64
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.28	AUD	ORD	156	156
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.28	AUD	ORD	120	120
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.28	AUD	ORD	91	91
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	172	172
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	103	103
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	118	118
14-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	178.76	AUD	ORD	-775	-775
14-Mar-19	BlackRock Advisors, LLC	on mkt buy	179.18	AUD	ORD	595	595
14-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	179.18	AUD	ORD	169	169
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	102	102
14-Mar-19	BlackRock Advisors, LLC	on mkt buy	179.18	AUD	ORD	97	97
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	1,145	1,145
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	318	318
14-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	179.18	AUD	ORD	103	103
14-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	179.18	AUD	ORD	418	418
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	908	908
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.18	AUD	ORD	241	241
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	179.98	AUD	ORD	182	182
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	179.98	AUD	ORD	60	60
14-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	179.98	AUD	ORD	69	69
14-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-320	-320
14-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,096	1,096
15-Mar-19	BlackRock Investment Management, LLC	on mkt buy	181.76	AUD	ORD	251	251
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.96	AUD	ORD	1,543	1,543
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.96	AUD	ORD	531	531
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.96	AUD	ORD	526	526
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	181.08	AUD	ORD	48	48
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	181.08	AUD	ORD	364	364
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	181.08	AUD	ORD	48	48
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	181.08	AUD	ORD	-100	-100
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	181.08	AUD	ORD	182	182
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	181.08	AUD	ORD	-172	-172
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	181.08	AUD	ORD	177	177
15-Mar-19	BlackRock Fund Advisors	on mkt buy	181.08	AUD	ORD	791	791
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	181.08	AUD	ORD	695	695
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	181.08	AUD	ORD	-445	-445
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	181.08	AUD	ORD	555	555
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,260	-3,260
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,365	2,365

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15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-771	-771
15-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
15-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-826	-826
18-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	182.68	AUD	ORD	-100	-100
18-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	182.68	AUD	ORD	26	26
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-72	-72
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,304	-1,304
18-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	28,588	28,588
18-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-270	-270
19-Mar-19	BlackRock Advisors, LLC	on mkt buy	180.11	AUD	ORD	125	125
19-Mar-19	BlackRock Advisors, LLC	on mkt sell	180.07	AUD	ORD	-592	-592
19-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	180.07	AUD	ORD	-188	-188
19-Mar-19	BlackRock Advisors, LLC	on mkt sell	180.07	AUD	ORD	-280	-280
19-Mar-19	BlackRock Investment Management, LLC	on mkt sell	180.07	AUD	ORD	-142	-142
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	180.07	AUD	ORD	-142	-142
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	180.07	AUD	ORD	-102	-102
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	179.44	AUD	ORD	660	660
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	179.44	AUD	ORD	-336	-336
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	179.44	AUD	ORD	36	36
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	179.44	AUD	ORD	182	182
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	179.44	AUD	ORD	266	266
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	179.44	AUD	ORD	48	48
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	179.44	AUD	ORD	-440	-440
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-36	-36
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	210	210
19-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-38,658	-38,658
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.01	AUD	ORD	983	983
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.01	AUD	ORD	2,378	2,378
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.01	AUD	ORD	1,886	1,886
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	178.01	AUD	ORD	213	213
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.24	AUD	ORD	133	133
20-Mar-19	BlackRock Fund Advisors	on mkt buy	177.62	AUD	ORD	771	771
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.62	AUD	ORD	48	48
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.62	AUD	ORD	84	84
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,282	-2,282
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,720	1,720
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-251	-251
20-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-803	-803
20-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	32,658	32,658
21-Mar-19	BlackRock Advisors, LLC	on mkt buy	175.71	AUD	ORD	125	125
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	176.69	AUD	ORD	108	108
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	176.69	AUD	ORD	52	52
21-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	192	192
21-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-32,658	-32,658
22-Mar-19	BlackRock Investment Management, LLC	on mkt buy	176.96	AUD	ORD	96	96
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.57	AUD	ORD	120	120
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.89	AUD	ORD	300	300
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.89	AUD	ORD	45	45
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	178.89	AUD	ORD	48	48
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	178.89	AUD	ORD	-2,861	-2,861
22-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	178.89	AUD	ORD	-44	-44
22-Mar-19	BlackRock Fund Advisors	on mkt buy	178.89	AUD	ORD	1,328	1,328
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-652	-652
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	594	594
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-396	-396
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-251	-251
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100	100
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.94	AUD	ORD	399	399
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.94	AUD	ORD	18	18
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	177.94	AUD	ORD	48	48

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25-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	177.94	AUD	ORD	841	841
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,548	1,548
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	559	559
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	175.91	AUD	ORD	-376	-376
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	174.59	AUD	ORD	36	36
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	174.59	AUD	ORD	-293	-293
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	308	308
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-308	-308
27-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-257	-257
28-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	172.41	AUD	ORD	-269	-269
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	172.63	AUD	ORD	399	399
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	172.55	AUD	ORD	133	133
28-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	172.55	AUD	ORD	111	111
28-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	172.55	AUD	ORD	12	12
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	172.55	AUD	ORD	45	45
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	172.55	AUD	ORD	91	91
28-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37	37
28-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
28-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	13,567	13,567
28-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,387	11,387
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	173.28	AUD	ORD	3,742	3,742
29-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	173.28	AUD	ORD	901	901
29-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	173.28	AUD	ORD	-4,350	-4,350
29-Mar-19	BlackRock Fund Advisors	on mkt buy	173.28	AUD	ORD	315	315
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	173.28	AUD	ORD	426	426
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	280	280
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	111	111
29-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,115	1,115
29-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,926	-2,926
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	174.14	AUD	ORD	131	131
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	174.14	AUD	ORD	262	262
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	174.14	AUD	ORD	-664	-664
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	174.14	AUD	ORD	-80	-80
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	174.14	AUD	ORD	2,890	2,890
01-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	174.14	AUD	ORD	36	36
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	174.14	AUD	ORD	1,061	1,061
01-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,463	1,463
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	175.52	AUD	ORD	133	133
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	175.52	AUD	ORD	131	131
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	175.52	AUD	ORD	-200	-200
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	175.52	AUD	ORD	36	36
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	175.52	AUD	ORD	180	180
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	175.52	AUD	ORD	-1,297	-1,297
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	140	140
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	600	600
02-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	24,789	24,789
02-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,924	-9,924
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.07	AUD	ORD	149	149
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.06	AUD	ORD	1,145	1,145
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.08	AUD	ORD	2,805	2,805
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	177.21	AUD	ORD	794	794
03-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	176.16	AUD	ORD	-97	-97
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	176.89	AUD	ORD	330	330
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	176.89	AUD	ORD	-1,179	-1,179

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	176.89	AUD	ORD	38	38
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	176.89	AUD	ORD	36	36
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	176.89	AUD	ORD	550	550
03-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	176.89	AUD	ORD	291	291
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74	74
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-652	-652
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	774	774
03-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	18,034	18,034
03-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	80,104	80,104
03-Apr-19	BlackRock Investment Management, LLC	in specie	n/a	USD	ADR .5:1	-18	-9
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	173.21	AUD	ORD	528	528
04-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	173.21	AUD	ORD	302	302
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	173.21	AUD	ORD	122	122
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	173.21	AUD	ORD	255	255
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	173.21	AUD	ORD	273	273
04-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,409	3,409
04-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-80,104	-80,104
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	169.53	AUD	ORD	24	24
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	169.53	AUD	ORD	-24	-24
05-Apr-19	BlackRock Advisors, LLC	on mkt buy	169.53	AUD	ORD	59	59
05-Apr-19	BlackRock Fund Advisors	on mkt buy	169.53	AUD	ORD	1,548	1,548
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,586	-3,586
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-652	-652
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	774	774
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,032	1,032
05-Apr-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,708	1,708
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	171.17	AUD	ORD	-100	-100
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	171.17	AUD	ORD	393	393
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	168	168
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,793	-1,793
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,505	1,505
08-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-19,091	-19,091
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.60	AUD	ORD	198	198
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	172.60	AUD	ORD	91	91
09-Apr-19	BlackRock International Limited	on mkt sell	172.60	AUD	ORD	-1,372	-1,372
09-Apr-19	BlackRock Fund Advisors	on mkt buy	172.60	AUD	ORD	668	668
09-Apr-19	BlackRock Fund Advisors	on mkt buy	172.60	AUD	ORD	488	488
09-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
09-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,352	-3,352
09-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	78,947	78,947
10-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,437	5,437
10-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	174.11	AUD	ORD	-3,913	-3,913
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.11	AUD	ORD	2,233	2,233
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.11	AUD	ORD	258	258
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.22	AUD	ORD	503	503
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.22	AUD	ORD	268	268
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.22	AUD	ORD	411	411
10-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	172.09	AUD	ORD	1,203	1,203
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	171.03	AUD	ORD	91	91
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	171.03	AUD	ORD	-524	-524
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	171.03	AUD	ORD	-240	-240
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	171.03	AUD	ORD	-91	-91
10-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	171.03	AUD	ORD	1,011	1,011
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12	12
10-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-24,958	-24,958
10-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,772	-2,772

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11-Apr-19	BlackRock Advisors, LLC	on mkt sell	169.60	AUD	ORD	-457	-457
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	169.60	AUD	ORD	-66	-66
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	169.60	AUD	ORD	-71	-71
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	169.60	AUD	ORD	-256	-256
11-Apr-19	BlackRock Investment Management, LLC	on mkt sell	169.60	AUD	ORD	-285	-285
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	168.86	AUD	ORD	-131	-131
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	168.86	AUD	ORD	-15	-15
11-Apr-19	BlackRock Fund Advisors	on mkt buy	168.86	AUD	ORD	1,548	1,548
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-111	-111
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	458	458
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	404	404
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,300	1,300
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,290	2,290
11-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,809	-1,809
11-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,564	-5,564
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	165.10	AUD	ORD	91	91
12-Apr-19	BlackRock Fund Advisors	on mkt buy	165.10	AUD	ORD	921	921
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	165.10	AUD	ORD	1,074	1,074
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,247	1,247
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,467	-1,467
12-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	7,384	7,384
12-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-70,611	-70,611
12-Apr-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	16	16
12-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
12-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	7	7
12-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,586	1,586
12-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	24	24
12-Apr-19	BlackRock Japan Co., Ltd.	in specie	n/a	AUD	ORD	-42	-42
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	167.59	AUD	ORD	378	378
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	167.59	AUD	ORD	-262	-262
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	167.59	AUD	ORD	-60	-60
15-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	167.59	AUD	ORD	916	916
15-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	167.59	AUD	ORD	78	78
15-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	916	916
15-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-710	-710
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-262	-262
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	262	262
15-Apr-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-16	-16
15-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
15-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7	-7
15-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,586	-1,586
15-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-24	-24
16-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	179.51	AUD	ORD	489	489
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.17	AUD	ORD	219	219
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	180.76	AUD	ORD	336	336
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	180.76	AUD	ORD	91	91
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,720	1,720
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	458	458
16-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	14,886	14,886
16-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
17-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	179.50	AUD	ORD	308	308
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	179.07	AUD	ORD	54	54
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	179.50	AUD	ORD	630	630
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	179.50	AUD	ORD	252	252
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	179.50	AUD	ORD	-60	-60

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17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	179.50	AUD	ORD	96	96
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	179.50	AUD	ORD	96	96
17-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	404	404
17-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,241	-18,241
17-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	176.47	AUD	ORD	265	265
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	175.75	AUD	ORD	48	48
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	175.75	AUD	ORD	461	461
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	175.75	AUD	ORD	-149	-149
18-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	780	780
18-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,292	-1,292
19-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	13,300	13,300
22-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-11,032	-11,032
22-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	13,996	13,996
23-Apr-19	BlackRock Fund Advisors	on mkt buy	178.42	AUD	ORD	285	285
23-Apr-19	BlackRock Advisors, LLC	on mkt buy	176.63	AUD	ORD	129	129
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	176.63	AUD	ORD	581	581
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	176.63	AUD	ORD	307	307
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-37	-37
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	280	280
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	505	505
23-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-11,659	-11,659
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.47	AUD	ORD	1,509	1,509
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.47	AUD	ORD	387	387
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.47	AUD	ORD	382	382
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.45	AUD	ORD	155	155
24-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	181.00	AUD	ORD	1,343	1,343
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.45	AUD	ORD	160	160
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.44	AUD	ORD	320	320
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.34	AUD	ORD	439	439
24-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	181.60	AUD	ORD	71	71
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.10	AUD	ORD	528	528
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	180.10	AUD	ORD	72	72
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	180.10	AUD	ORD	117	117
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	180.10	AUD	ORD	60	60
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	180.10	AUD	ORD	60	60
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	180.10	AUD	ORD	-1,766	-1,766
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	180.10	AUD	ORD	-867	-867
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.10	AUD	ORD	3,510	3,510
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	180.10	AUD	ORD	588	588
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	180.10	AUD	ORD	525	525
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	182	182
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,848	1,848
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
24-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8	-8
25-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
26-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	181.41	AUD	ORD	50	50
26-Apr-19	BlackRock Investment Management, LLC	on mkt sell	181.01	AUD	ORD	-791	-791
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	181.90	AUD	ORD	378	378
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	181.90	AUD	ORD	84	84

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26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	181.90	AUD	ORD	48	48
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	181.90	AUD	ORD	108	108
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	181.90	AUD	ORD	96	96
26-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	181.90	AUD	ORD	236	236
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-74	-74
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,408	1,408
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	707	707
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-520	-520
26-Apr-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	12	12
26-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,086	9,086
26-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,469	-8,469
26-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	9,429	9,429
26-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,349	11,349
26-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	48,417	48,417
26-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,554	3,554
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	182.97	AUD	ORD	127	127
29-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	183.00	AUD	ORD	94	94
29-Apr-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-12	-12
29-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,086	-9,086
29-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,980	-1,980
29-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-9,429	-9,429
29-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-11,349	-11,349
29-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-48,417	-48,417
29-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,554	-3,554
30-Apr-19	BlackRock Advisors, LLC	on mkt buy	186.75	AUD	ORD	1,076	1,076
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	964	964
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	3,683	3,683
30-Apr-19	BlackRock Asset Management Canada Limited	on mkt buy	186.75	AUD	ORD	1,012	1,012
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	2,536	2,536
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	284	284
30-Apr-19	BlackRock Advisors, LLC	on mkt buy	186.75	AUD	ORD	217	217
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	647	647
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	186.75	AUD	ORD	219	219
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	909	909
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	186.75	AUD	ORD	62	62
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	186.78	AUD	ORD	-86	-86
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	186.79	AUD	ORD	-168	-168
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	187.33	AUD	ORD	264	264
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	187.33	AUD	ORD	378	378
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	187.33	AUD	ORD	91	91
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	187.33	AUD	ORD	39	39
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	187.33	AUD	ORD	-227	-227
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	187.33	AUD	ORD	-798	-798
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	260	260
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,121	2,121
30-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	447	447
30-Apr-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	13	13
30-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,223	9,223
30-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,843	-2,843
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	10,007	10,007
30-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10,808	10,808

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30-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	47,911	47,911
30-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,822	3,822
01-May-19	BlackRock Asset Management North Asia Limited	in specie	n/a	AUD	ORD	6,133	6,133
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	189.43	AUD	ORD	54	54
01-May-19	BlackRock Advisors (UK) Limited	on mkt buy	189.45	AUD	ORD	72	72
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	189.62	AUD	ORD	-300	-300
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	189.59	AUD	ORD	-47	-47
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	189.59	AUD	ORD	-398	-398
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	189.59	AUD	ORD	-523	-523
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	189.59	AUD	ORD	-358	-358
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	189.59	AUD	ORD	-884	-884
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	189.45	AUD	ORD	765	765
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	189.45	AUD	ORD	310	310
01-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	150	150
01-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,860	2,860
01-May-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	0	0
01-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-45	-45
01-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	43,176	43,176
01-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-49	-49
01-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-49	-49
01-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-233	-233
01-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-410	-410
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	106	106
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	202	202
02-May-19	BlackRock Advisors, LLC	on mkt buy	191.33	AUD	ORD	611	611
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	943	943
02-May-19	BlackRock Advisors, LLC	on mkt buy	191.33	AUD	ORD	101	101
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	2,857	2,857
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	563	563
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	191.33	AUD	ORD	158	158
02-May-19	BlackRock Asset Management Canada Limited	on mkt buy	191.33	AUD	ORD	786	786
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	1,799	1,799
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.33	AUD	ORD	636	636
02-May-19	BlackRock Advisors (UK) Limited	on mkt buy	191.32	AUD	ORD	2,322	2,322
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	191.32	AUD	ORD	-392	-392
02-May-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-12	-12
02-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,178	-9,178
02-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	27,781	27,781
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-9,958	-9,958
02-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10,759	-10,759
02-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-38,385	-38,385
02-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,412	-3,412
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.04	AUD	ORD	147	147
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	191.76	AUD	ORD	-84	-84

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03-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	191.76	AUD	ORD	-84	-84
03-May-19	BlackRock Advisors (UK) Limited	on mkt buy	191.00	AUD	ORD	96	96
03-May-19	BlackRock Asset Management North Asia Limited	on mkt sell	191.00	AUD	ORD	-5,311	-5,311
03-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-148	-148
03-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,433	3,433
03-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,415	-5,415
03-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-468	-468
06-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-74	-74
06-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
06-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
06-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,433	-3,433
06-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	82,775	82,775
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	404	404
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	229	229
07-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	192.26	AUD	ORD	-889	-889
07-May-19	BlackRock Advisors, LLC	on mkt buy	192.45	AUD	ORD	1,209	1,209
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	864	864
07-May-19	BlackRock Advisors, LLC	on mkt buy	192.45	AUD	ORD	298	298
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	4,834	4,834
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	787	787
07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	192.45	AUD	ORD	167	167
07-May-19	BlackRock Asset Management Canada Limited	on mkt buy	192.45	AUD	ORD	911	911
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	2,289	2,289
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	915	915
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.45	AUD	ORD	36	36
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	191.00	AUD	ORD	-2,763	-2,763
07-May-19	BlackRock Asset Management Canada Limited	on mkt buy	191.00	AUD	ORD	2,159	2,159
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.00	AUD	ORD	2,749	2,749
07-May-19	BlackRock Investment Management, LLC	on mkt buy	191.00	AUD	ORD	596	596
07-May-19	BlackRock Investment Management, LLC	on mkt sell	191.00	AUD	ORD	-184	-184
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	308	308
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	528	528
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	444	444
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
07-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-74,826	-74,826
07-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,293	-9,293
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.73	AUD	ORD	300	300
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	191.67	AUD	ORD	-31	-31
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	191.67	AUD	ORD	-94	-94
08-May-19	BlackRock Advisors, LLC	on mkt sell	191.67	AUD	ORD	-163	-163
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	191.91	AUD	ORD	-471	-471
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	191.91	AUD	ORD	-484	-484
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	191.91	AUD	ORD	-674	-674
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	191.91	AUD	ORD	-839	-839
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	191.91	AUD	ORD	-352	-352
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	191.91	AUD	ORD	-71	-71
08-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	191.94	AUD	ORD	54	54
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	192.02	AUD	ORD	-300	-300

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08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	192.02	AUD	ORD	-125	-125
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	192.02	AUD	ORD	11	11
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	192.02	AUD	ORD	378	378
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	192.02	AUD	ORD	-400	-400
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	192.02	AUD	ORD	84	84
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	192.02	AUD	ORD	77	77
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	396	396
08-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	780	780
08-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,900	2,900
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	288	288
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	255	255
09-May-19	BlackRock Advisors, LLC	on mkt buy	193.67	AUD	ORD	1,208	1,208
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	853	853
09-May-19	BlackRock Advisors, LLC	on mkt buy	193.67	AUD	ORD	270	270
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	4,670	4,670
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	833	833
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	193.67	AUD	ORD	198	198
09-May-19	BlackRock Asset Management Canada Limited	on mkt buy	193.67	AUD	ORD	1,095	1,095
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	2,410	2,410
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	193.67	AUD	ORD	744	744
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	193.72	AUD	ORD	-535	-535
09-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	193.72	AUD	ORD	227	227
09-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,040	1,040
09-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,945	9,945
09-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,473	-7,473
09-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	7,661	7,661
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.02	AUD	ORD	-300	-300
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.02	AUD	ORD	-36	-36
10-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.02	AUD	ORD	91	91
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.02	AUD	ORD	-300	-300
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.02	AUD	ORD	-471	-471
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.02	AUD	ORD	-76	-76
10-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	196.02	AUD	ORD	-143	-143
10-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.02	AUD	ORD	3,229	3,229
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,820	1,820
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	780	780
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
10-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	159	159
10-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,027	1,027
10-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,661	-7,661
13-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	194.19	AUD	ORD	105	105
13-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	194.19	AUD	ORD	822	822
13-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	193.34	AUD	ORD	-110	-110
13-May-19	BlackRock Fund Advisors	on mkt buy	193.34	AUD	ORD	1,567	1,567
13-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	528	528
13-May-19	BlackRock Asset Management Canada Limited	on mkt buy	191.60	AUD	ORD	54	54
13-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
13-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,198	-8,198
13-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	43,584	43,584
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	147	147
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	600	600
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	464	464
14-May-19	BlackRock Japan Co., Ltd.	on mkt buy	192.92	AUD	ORD	332	332
14-May-19	BlackRock Japan Co., Ltd.	on mkt buy	192.97	AUD	ORD	261	261

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14-May-19	BlackRock Japan Co., Ltd.	on mkt buy	192.97	AUD	ORD	155	155
14-May-19	BlackRock Japan Co., Ltd.	on mkt buy	192.97	AUD	ORD	124	124
14-May-19	BlackRock Advisors, LLC	on mkt buy	192.97	AUD	ORD	1,677	1,677
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	192.97	AUD	ORD	901	901
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	192.97	AUD	ORD	304	304
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	825	825
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	2,793	2,793
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	170	170
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	192.97	AUD	ORD	337	337
14-May-19	BlackRock Advisors, LLC	on mkt buy	192.97	AUD	ORD	416	416
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	6,828	6,828
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	1,164	1,164
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	779	779
14-May-19	BlackRock Advisors (UK) Limited	on mkt buy	192.97	AUD	ORD	413	413
14-May-19	BlackRock Advisors (UK) Limited	on mkt buy	192.97	AUD	ORD	327	327
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	192.78	AUD	ORD	74	74
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	192.97	AUD	ORD	353	353
14-May-19	BlackRock Asset Management Canada Limited	on mkt buy	192.97	AUD	ORD	1,506	1,506
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	3,777	3,777
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	1,219	1,219
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	192.97	AUD	ORD	64	64
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	193.02	AUD	ORD	-262	-262
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	193.02	AUD	ORD	-78	-78
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	193.02	AUD	ORD	-78	-78
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	154	154
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-896	-896
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	258	258
14-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	780	780
14-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
14-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-55,244	-55,244
15-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.48	AUD	ORD	181	181
15-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.48	AUD	ORD	458	458
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.28	AUD	ORD	-478	-478
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.28	AUD	ORD	-70	-70
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.28	AUD	ORD	-722	-722
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.28	AUD	ORD	-297	-297
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.28	AUD	ORD	-711	-711
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.21	AUD	ORD	-519	-519
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	193.76	AUD	ORD	-400	-400
15-May-19	BlackRock Advisors (UK) Limited	on mkt buy	195.91	AUD	ORD	78	78
15-May-19	BlackRock Advisors (UK) Limited	on mkt buy	195.91	AUD	ORD	39	39
15-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
15-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,842	1,842
15-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	86	86
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	149	149
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	285	285
16-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	196.19	AUD	ORD	3,601	3,601

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16-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	196.01	AUD	ORD	-454	-454
16-May-19	BlackRock Advisors, LLC	on mkt buy	196.04	AUD	ORD	746	746
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.04	AUD	ORD	748	748
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.04	AUD	ORD	274	274
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	776	776
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	1,217	1,217
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	136	136
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.04	AUD	ORD	193	193
16-May-19	BlackRock Fund Advisors	on mkt sell	195.91	AUD	ORD	-1,509	-1,509
16-May-19	BlackRock Advisors, LLC	on mkt buy	196.04	AUD	ORD	222	222
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	4,133	4,133
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	660	660
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	718	718
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.04	AUD	ORD	286	286
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.04	AUD	ORD	221	221
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.04	AUD	ORD	224	224
16-May-19	BlackRock Asset Management Canada Limited	on mkt buy	196.04	AUD	ORD	833	833
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	2,229	2,229
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.04	AUD	ORD	533	533
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.25	AUD	ORD	252	252
16-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-289	-289
17-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.49	AUD	ORD	66	66
17-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.49	AUD	ORD	144	144
17-May-19	BlackRock Advisors (UK) Limited	on mkt sell	200.98	AUD	ORD	-62	-62
17-May-19	BlackRock Advisors (UK) Limited	on mkt buy	200.98	AUD	ORD	117	117
17-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,516	-7,516
17-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,676	-4,676
20-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.27	AUD	ORD	94	94
20-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.27	AUD	ORD	50	50
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.71	AUD	ORD	96	96
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.71	AUD	ORD	33	33
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.71	AUD	ORD	156	156
20-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.71	AUD	ORD	-2,361	-2,361
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-7,752	-7,752
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	7,752	7,752
20-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
21-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.21	AUD	ORD	595	595
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	669	669
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	806	806
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	1,672	1,672
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	603	603
21-May-19	BlackRock Asset Management Canada Limited	on mkt buy	199.21	AUD	ORD	388	388
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	987	987
21-May-19	BlackRock Advisors, LLC	on mkt buy	199.21	AUD	ORD	283	283
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	255	255
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	161	161
21-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.21	AUD	ORD	219	219

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21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.21	AUD	ORD	175	175
21-May-19	BlackRock Japan Co., Ltd.	on mkt buy	199.21	AUD	ORD	152	152
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.21	AUD	ORD	147	147
21-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.21	AUD	ORD	122	122
21-May-19	BlackRock Japan Co., Ltd.	on mkt buy	199.21	AUD	ORD	109	109
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	88	88
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	77	77
21-May-19	BlackRock Advisors, LLC	on mkt buy	199.21	AUD	ORD	75	75
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	42	42
21-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.26	AUD	ORD	-500	-500
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.21	AUD	ORD	25	25
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.26	AUD	ORD	127	127
21-May-19	BlackRock Advisors (UK) Limited	on mkt sell	199.26	AUD	ORD	-100	-100
21-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	404	404
21-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,629	3,629
21-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-36,093	-36,093
21-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,837	1,837
21-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	9,470	9,470
21-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	17,876	17,876
21-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,281	1,281
22-May-19	BlackRock Investment Management, LLC	on mkt buy	199.00	AUD	ORD	147	147
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.56	AUD	ORD	64	64
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.56	AUD	ORD	12	12
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.42	AUD	ORD	-482	-482
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.29	AUD	ORD	48	48
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.29	AUD	ORD	92	92
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.29	AUD	ORD	234	234
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.29	AUD	ORD	381	381
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.45	AUD	ORD	-55	-55
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.45	AUD	ORD	-378	-378
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.45	AUD	ORD	-466	-466
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	199.29	AUD	ORD	3,875	3,875
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	199.29	AUD	ORD	-3,875	-3,875
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,320	1,320
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-401	-401
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,688	1,688
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-560	-560
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	377	377
22-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,629	-3,629
22-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	32,093	32,093
22-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,837	-1,837
22-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,470	-9,470
22-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-17,876	-17,876
22-May-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,281	-1,281
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	61	61
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	109	109

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23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	162	162
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	343	343
23-May-19	BlackRock Advisors (UK) Limited	on mkt buy	202.20	AUD	ORD	212	212
23-May-19	BlackRock Advisors, LLC	on mkt buy	202.20	AUD	ORD	450	450
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.20	AUD	ORD	124	124
23-May-19	BlackRock Asset Management Canada Limited	on mkt buy	202.20	AUD	ORD	131	131
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.20	AUD	ORD	737	737
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.20	AUD	ORD	276	276
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	656	656
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	3,700	3,700
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	327	327
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.20	AUD	ORD	280	280
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	1,199	1,199
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	164	164
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	752	752
23-May-19	BlackRock Advisors (UK) Limited	on mkt buy	202.20	AUD	ORD	671	671
23-May-19	BlackRock Advisors (UK) Limited	on mkt buy	202.20	AUD	ORD	541	541
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.20	AUD	ORD	226	226
23-May-19	BlackRock Asset Management Canada Limited	on mkt buy	202.20	AUD	ORD	264	264
23-May-19	BlackRock Investment Management, LLC	on mkt buy	202.20	AUD	ORD	141	141
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	742	742
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	361	361
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.14	AUD	ORD	123	123
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.20	AUD	ORD	46	46
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	202.31	AUD	ORD	-448	-448
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.11	AUD	ORD	1,257	1,257
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	202.11	AUD	ORD	-331	-331
23-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35	-35
23-May-19	BlackRock Fund Advisors	on mkt buy	202.11	AUD	ORD	300	300
23-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-448	-448
23-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,800	-1,800
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	8	8
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	18	18
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	15	15
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	202.35	AUD	ORD	18	18
24-May-19	BlackRock Advisors, LLC	on mkt buy	202.35	AUD	ORD	19	19
24-May-19	BlackRock Advisors, LLC	on mkt buy	202.35	AUD	ORD	8	8
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.35	AUD	ORD	7	7
24-May-19	BlackRock Asset Management Canada Limited	on mkt buy	202.35	AUD	ORD	9	9
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.35	AUD	ORD	51	51
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.35	AUD	ORD	13	13
24-May-19	BlackRock Investment Management, LLC	on mkt buy	202.35	AUD	ORD	6	6
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	42	42

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24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	203	203
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	16	16
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.35	AUD	ORD	21	21
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	104	104
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	15	15
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	42	42
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	202.35	AUD	ORD	41	41
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	202.35	AUD	ORD	24	24
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.35	AUD	ORD	12	12
24-May-19	BlackRock Asset Management Canada Limited	on mkt buy	202.35	AUD	ORD	23	23
24-May-19	BlackRock Investment Management, LLC	on mkt buy	202.35	AUD	ORD	10	10
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	60	60
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.35	AUD	ORD	13	13
24-May-19	BlackRock Advisors, LLC	on mkt buy	202.35	AUD	ORD	4	4
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.51	AUD	ORD	126	126
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	279	279
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	240	240
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	200.39	AUD	ORD	274	274
24-May-19	BlackRock Advisors, LLC	on mkt buy	200.39	AUD	ORD	302	302
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.39	AUD	ORD	798	798
24-May-19	BlackRock International Limited	on mkt buy	200.39	AUD	ORD	441	441
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	653	653
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	3,178	3,178
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	246	246
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.39	AUD	ORD	335	335
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	1,633	1,633
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	241	241
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	652	652
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	200.39	AUD	ORD	636	636
24-May-19	BlackRock Advisors (UK) Limited	on mkt buy	200.39	AUD	ORD	371	371
24-May-19	BlackRock Asset Management Canada Limited	on mkt buy	200.39	AUD	ORD	359	359
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	941	941
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	124	124
24-May-19	BlackRock Advisors, LLC	on mkt buy	200.39	AUD	ORD	131	131
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.39	AUD	ORD	108	108
24-May-19	BlackRock Asset Management Canada Limited	on mkt buy	200.39	AUD	ORD	136	136
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.39	AUD	ORD	205	205
24-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.39	AUD	ORD	180	180
24-May-19	BlackRock Investment Management, LLC	on mkt buy	200.39	AUD	ORD	154	154
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.39	AUD	ORD	202	202
24-May-19	BlackRock Investment Management, LLC	on mkt buy	200.39	AUD	ORD	90	90
24-May-19	BlackRock Advisors, LLC	on mkt buy	200.39	AUD	ORD	79	79
24-May-19	BlackRock Advisors (UK) Limited	on mkt sell	200.11	AUD	ORD	-96	-96
24-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,525	-3,525

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27-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.38	AUD	ORD	153	153
27-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.38	AUD	ORD	79	79
27-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,056	3,056
28-May-19	BlackRock Fund Advisors	on mkt sell	198.60	AUD	ORD	-68,380	-68,380
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.60	AUD	ORD	-8,623	-8,623
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.60	AUD	ORD	-2,427	-2,427
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.60	AUD	ORD	-2,741	-2,741
28-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	198.60	AUD	ORD	-3,334	-3,334
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.60	AUD	ORD	-2,179	-2,179
28-May-19	BlackRock Advisors, LLC	on mkt sell	198.60	AUD	ORD	-1,124	-1,124
28-May-19	BlackRock Fund Advisors	on mkt sell	198.60	AUD	ORD	-791	-791
28-May-19	BlackRock Fund Advisors	on mkt sell	198.60	AUD	ORD	-637	-637
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	198.60	AUD	ORD	-517	-517
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.60	AUD	ORD	-269	-269
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.60	AUD	ORD	-480	-480
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	198.60	AUD	ORD	-574	-574
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.60	AUD	ORD	-228	-228
28-May-19	BlackRock Fund Advisors	on mkt sell	198.60	AUD	ORD	-143	-143
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.60	AUD	ORD	-194	-194
28-May-19	BlackRock Fund Advisors	on mkt sell	198.60	AUD	ORD	-120	-120
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.60	AUD	ORD	-120	-120
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	198.60	AUD	ORD	-74	-74
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.60	AUD	ORD	-32	-32
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.60	AUD	ORD	-31	-31
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.60	AUD	ORD	-23	-23
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	198.55	AUD	ORD	58	58
28-May-19	BlackRock Advisors, LLC	on mkt sell	198.55	AUD	ORD	-375	-375
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	198.55	AUD	ORD	-172	-172
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-10	-10
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-809	-809
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.55	AUD	ORD	-915	-915
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.55	AUD	ORD	-7	-7
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.55	AUD	ORD	-75	-75
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-22,820	-22,820
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-38	-38
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.55	AUD	ORD	-88	-88
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.55	AUD	ORD	-38	-38
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.55	AUD	ORD	-159	-159
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.55	AUD	ORD	-10	-10
28-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.55	AUD	ORD	-725	-725
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-262	-262
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-47	-47
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-210	-210
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-62	-62
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	198.55	AUD	ORD	-190	-190
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	198.55	AUD	ORD	-22	-22
28-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	198.55	AUD	ORD	-1,113	-1,113
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-2,875	-2,875
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-36	-36

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28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-358	-358
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	198.55	AUD	ORD	1,888	1,888
28-May-19	BlackRock International Limited	on mkt buy	198.55	AUD	ORD	1,065	1,065
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	198.55	AUD	ORD	106	106
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.55	AUD	ORD	1,571	1,571
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.55	AUD	ORD	390	390
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.55	AUD	ORD	229	229
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.55	AUD	ORD	1,325	1,325
28-May-19	BlackRock Fund Advisors	on mkt buy	198.55	AUD	ORD	1,360	1,360
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.55	AUD	ORD	388	388
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	198.55	AUD	ORD	84	84
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.55	AUD	ORD	152	152
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-7	-7
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-526	-526
28-May-19	BlackRock Investment Management, LLC	on mkt sell	198.55	AUD	ORD	-5	-5
28-May-19	BlackRock Fund Advisors	on mkt buy	198.55	AUD	ORD	8,712	8,712
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-14,812	-14,812
28-May-19	BlackRock Fund Advisors	on mkt buy	198.55	AUD	ORD	4,069	4,069
28-May-19	BlackRock Fund Advisors	on mkt buy	198.55	AUD	ORD	546	546
28-May-19	BlackRock Fund Advisors	on mkt sell	198.55	AUD	ORD	-26	-26
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-42	-42
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.55	AUD	ORD	3,586	3,586
28-May-19	BlackRock Fund Advisors	on mkt buy	198.55	AUD	ORD	220	220
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.55	AUD	ORD	-1,867	-1,867
28-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	175	175
28-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,500	12,500
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.16	AUD	ORD	-22	-22
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.16	AUD	ORD	-24	-24
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	198.23	AUD	ORD	513	513
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	198.14	AUD	ORD	-41	-41
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	198.14	AUD	ORD	-351	-351
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	198.14	AUD	ORD	-6,233	-6,233
29-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	198.14	AUD	ORD	106	106
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	197.53	AUD	ORD	-218	-218
29-May-19	BlackRock Investment Management, LLC	on mkt buy	198.17	AUD	ORD	151	151
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	198.17	AUD	ORD	431	431
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	198.17	AUD	ORD	259	259
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	198.17	AUD	ORD	233	233
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.17	AUD	ORD	108	108
29-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	198.17	AUD	ORD	136	136
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.17	AUD	ORD	44	44
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.17	AUD	ORD	24	24
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	198.46	AUD	ORD	50	50
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	198.46	AUD	ORD	127	127
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.46	AUD	ORD	-48	-48
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	198.46	AUD	ORD	-160	-160
29-May-19	BlackRock Asset Management Canada Limited	on mkt sell	198.46	AUD	ORD	-97	-97
29-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-461	-461
29-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,900	-13,900

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30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	248	248
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	130	130
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	288	288
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	341	341
30-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.55	AUD	ORD	244	244
30-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	196.60	AUD	ORD	-321	-321
30-May-19	BlackRock Advisors, LLC	on mkt buy	196.55	AUD	ORD	316	316
30-May-19	BlackRock Advisors, LLC	on mkt buy	196.55	AUD	ORD	116	116
30-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.55	AUD	ORD	101	101
30-May-19	BlackRock Asset Management Canada Limited	on mkt buy	196.55	AUD	ORD	140	140
30-May-19	BlackRock Investment Management, LLC	on mkt buy	196.55	AUD	ORD	89	89
30-May-19	BlackRock International Limited	on mkt buy	196.55	AUD	ORD	388	388
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	2,745	2,745
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	149	149
30-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.55	AUD	ORD	337	337
30-May-19	BlackRock Advisors, LLC	on mkt buy	196.55	AUD	ORD	100	100
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	2,017	2,017
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	322	322
30-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.55	AUD	ORD	728	728
30-May-19	BlackRock Advisors (UK) Limited	on mkt buy	196.55	AUD	ORD	582	582
30-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.55	AUD	ORD	281	281
30-May-19	BlackRock Asset Management Canada Limited	on mkt buy	196.55	AUD	ORD	564	564
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	937	937
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	279	279
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.55	AUD	ORD	55	55
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.70	AUD	ORD	-32	-32
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	196.70	AUD	ORD	-48	-48
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	196.70	AUD	ORD	-1,248	-1,248
30-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-120	-120
30-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	15	15
30-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,072	1,072
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	88	88
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	165	165
31-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.77	AUD	ORD	110	110
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	525	525
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	390	390
31-May-19	BlackRock Advisors, LLC	on mkt buy	199.88	AUD	ORD	269	269
31-May-19	BlackRock Advisors, LLC	on mkt buy	199.88	AUD	ORD	189	189
31-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.88	AUD	ORD	74	74
31-May-19	BlackRock Asset Management Canada Limited	on mkt buy	199.88	AUD	ORD	201	201
31-May-19	BlackRock Investment Management, LLC	on mkt buy	199.88	AUD	ORD	150	150
31-May-19	BlackRock International Limited	on mkt buy	199.88	AUD	ORD	855	855
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	171	171
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	2,185	2,185
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	176	176

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
31-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.88	AUD	ORD	287	287
31-May-19	BlackRock Advisors, LLC	on mkt buy	199.88	AUD	ORD	79	79
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	1,896	1,896
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	239	239
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.88	AUD	ORD	646	646
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	199.88	AUD	ORD	513	513
31-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.88	AUD	ORD	280	280
31-May-19	BlackRock Asset Management Canada Limited	on mkt buy	199.88	AUD	ORD	353	353
31-May-19	BlackRock Investment Management, LLC	on mkt buy	199.88	AUD	ORD	162	162
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	735	735
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.88	AUD	ORD	48	48
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	200.13	AUD	ORD	4	4
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	200.13	AUD	ORD	-37	-37
31-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	200.13	AUD	ORD	1,013	1,013
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	200.13	AUD	ORD	571	571
31-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	200.13	AUD	ORD	-2,308	-2,308
31-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	200.13	AUD	ORD	-1,361	-1,361
31-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-780	-780
31-May-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-15	-15
31-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-26,932	-26,932
03-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.81	AUD	ORD	84	84
03-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	198.81	AUD	ORD	21	21
03-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	198.40	AUD	ORD	-190	-190
03-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	198.40	AUD	ORD	-39	-39
03-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	198.40	AUD	ORD	-337	-337
03-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	175	175
03-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	42,499	42,499
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	160	160
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	496	496
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	307	307
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	195.55	AUD	ORD	464	464
04-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	195.36	AUD	ORD	-598	-598
04-Jun-19	BlackRock Advisors, LLC	on mkt buy	195.55	AUD	ORD	334	334
04-Jun-19	BlackRock Advisors, LLC	on mkt buy	195.55	AUD	ORD	181	181
04-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	195.55	AUD	ORD	170	170
04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	195.55	AUD	ORD	136	136
04-Jun-19	BlackRock Investment Management, LLC	on mkt buy	195.55	AUD	ORD	104	104
04-Jun-19	BlackRock International Limited	on mkt buy	195.55	AUD	ORD	523	523
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	153	153
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	708	708
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	72	72
04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	195.55	AUD	ORD	270	270
04-Jun-19	BlackRock Fund Advisors	on mkt buy	198.27	AUD	ORD	396	396
04-Jun-19	BlackRock Advisors, LLC	on mkt buy	195.55	AUD	ORD	72	72
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	1,508	1,508
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	235	235
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	195.55	AUD	ORD	304	304
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	195.55	AUD	ORD	226	226

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04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	195.55	AUD	ORD	201	201
04-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	195.55	AUD	ORD	366	366
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	870	870
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	195.55	AUD	ORD	212	212
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	194.39	AUD	ORD	-54	-54
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	194.39	AUD	ORD	120	120
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	194.39	AUD	ORD	-72	-72
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	194.39	AUD	ORD	-1,379	-1,379
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	194.39	AUD	ORD	1,274	1,274
04-Jun-19	BlackRock (Netherlands) B.V.	on mkt buy	194.39	AUD	ORD	31	31
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-200	-200
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-922	-922
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
04-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-45,082	-45,082
04-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	42,882	42,882
05-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	323	323
05-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	196.88	AUD	ORD	778	778
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.51	AUD	ORD	260	260
05-Jun-19	BlackRock Investment Management, LLC	on mkt buy	196.54	AUD	ORD	898	898
05-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	196.54	AUD	ORD	236	236
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.54	AUD	ORD	248	248
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.54	AUD	ORD	253	253
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	196.54	AUD	ORD	177	177
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.54	AUD	ORD	129	129
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.54	AUD	ORD	1,183	1,183
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.54	AUD	ORD	255	255
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.54	AUD	ORD	272	272
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.54	AUD	ORD	603	603
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.54	AUD	ORD	575	575
05-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	196.54	AUD	ORD	604	604
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	196.54	AUD	ORD	1,433	1,433
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.54	AUD	ORD	150	150
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.54	AUD	ORD	51	51
05-Jun-19	BlackRock Investment Management, LLC	on mkt buy	196.54	AUD	ORD	111	111
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	196.53	AUD	ORD	1,813	1,813
05-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	196.54	AUD	ORD	282	282
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	196.51	AUD	ORD	35	35
05-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	196.13	AUD	ORD	-471	-471
05-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	196.71	AUD	ORD	75	75
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	196.71	AUD	ORD	-42	-42
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	196.71	AUD	ORD	-76	-76
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	35	35
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,012	1,012
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	144	144
05-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	55,482	55,482
05-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-42,882	-42,882
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	228	228
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.37	AUD	ORD	160	160
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	561	561

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	213	213
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	199.72	AUD	ORD	505	505
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.70	AUD	ORD	-418	-418
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.70	AUD	ORD	-331	-331
06-Jun-19	BlackRock Advisors, LLC	on mkt buy	199.72	AUD	ORD	532	532
06-Jun-19	BlackRock Advisors, LLC	on mkt buy	199.72	AUD	ORD	245	245
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.72	AUD	ORD	99	99
06-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	199.72	AUD	ORD	237	237
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.72	AUD	ORD	1,301	1,301
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.72	AUD	ORD	405	405
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.70	AUD	ORD	-41	-41
06-Jun-19	BlackRock Investment Management, LLC	on mkt buy	199.72	AUD	ORD	128	128
06-Jun-19	BlackRock International Limited	on mkt buy	199.72	AUD	ORD	953	953
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	199.70	AUD	ORD	-84	-84
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	2,161	2,161
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	305	305
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.72	AUD	ORD	356	356
06-Jun-19	BlackRock Advisors, LLC	on mkt buy	199.72	AUD	ORD	136	136
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	2,473	2,473
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	426	426
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	1,158	1,158
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.70	AUD	ORD	-340	-340
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	199.72	AUD	ORD	828	828
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	199.72	AUD	ORD	656	656
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	199.72	AUD	ORD	3,899	3,899
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	199.72	AUD	ORD	182	182
06-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	199.72	AUD	ORD	648	648
06-Jun-19	BlackRock Investment Management, LLC	on mkt buy	199.72	AUD	ORD	151	151
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	1,227	1,227
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	495	495
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	199.72	AUD	ORD	15	15
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	199.66	AUD	ORD	-125	-125
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	199.66	AUD	ORD	50	50
06-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	199.66	AUD	ORD	-105	-105
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	199.66	AUD	ORD	127	127
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	199.66	AUD	ORD	381	381
06-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
06-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	74,386	74,386
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	147	147
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	403	403
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	285	285
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	200.01	AUD	ORD	401	401
07-Jun-19	BlackRock Advisors, LLC	on mkt buy	200.01	AUD	ORD	346	346
07-Jun-19	BlackRock Advisors, LLC	on mkt buy	200.01	AUD	ORD	118	118
07-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	200.01	AUD	ORD	201	201

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07-Jun-19	BlackRock International Limited	on mkt buy	200.01	AUD	ORD	534	534
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	388	388
07-Jun-19	BlackRock Advisors, LLC	on mkt buy	200.01	AUD	ORD	72	72
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	1,402	1,402
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	220	220
07-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	200.01	AUD	ORD	118	118
07-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	200.01	AUD	ORD	372	372
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	816	816
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	200.01	AUD	ORD	375	375
07-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	200.39	AUD	ORD	268	268
07-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	200.39	AUD	ORD	320	320
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	200.39	AUD	ORD	275	275
07-Jun-19	BlackRock Fund Advisors	on mkt buy	200.39	AUD	ORD	1,150	1,150
07-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
07-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
07-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,525	5,525
10-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-922	-922
10-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
10-Jun-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,496	-1,496
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	48	48
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	124	124
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	219	219
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.54	AUD	ORD	111	111
11-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	205.59	AUD	ORD	-372	-372
11-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.48	AUD	ORD	210	210
11-Jun-19	BlackRock Advisors, LLC	on mkt buy	205.54	AUD	ORD	218	218
11-Jun-19	BlackRock International Limited	on mkt buy	205.54	AUD	ORD	267	267
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	754	754
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	72	72
11-Jun-19	BlackRock Advisors, LLC	on mkt buy	205.54	AUD	ORD	84	84
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	1,710	1,710
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	288	288
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.54	AUD	ORD	276	276
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.54	AUD	ORD	212	212
11-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.54	AUD	ORD	146	146
11-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	205.54	AUD	ORD	414	414
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	1,008	1,008
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.54	AUD	ORD	34	34
11-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	206.59	AUD	ORD	-107	-107
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.39	AUD	ORD	190	190
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	206.39	AUD	ORD	-48	-48
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.39	AUD	ORD	96	96
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.39	AUD	ORD	96	96
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	206.39	AUD	ORD	-2,288	-2,288
11-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	138	138
11-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,489	4,489
12-Jun-19	BlackRock Investment Management, LLC	on mkt buy	203.33	AUD	ORD	118	118
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.33	AUD	ORD	146	146
12-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.65	AUD	ORD	935	935
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.33	AUD	ORD	70	70

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.78	AUD	ORD	3,889	3,889
12-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	203.46	AUD	ORD	370	370
12-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	203.33	AUD	ORD	158	158
12-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	203.33	AUD	ORD	120	120
12-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	203.33	AUD	ORD	98	98
12-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.65	AUD	ORD	2,768	2,768
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.65	AUD	ORD	223	223
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.65	AUD	ORD	593	593
12-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.65	AUD	ORD	857	857
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	203.33	AUD	ORD	141	141
12-Jun-19	BlackRock Investment Management, LLC	on mkt buy	203.65	AUD	ORD	251	251
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	202.96	AUD	ORD	-1,777	-1,777
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	202.96	AUD	ORD	-610	-610
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	202.96	AUD	ORD	-608	-608
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	201.73	AUD	ORD	128	128
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	201.73	AUD	ORD	24	24
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	201.73	AUD	ORD	-162	-162
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	201.73	AUD	ORD	1,426	1,426
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-440	-440
12-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,266	2,266
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	96	96
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	59	59
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	150	150
13-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	204.94	AUD	ORD	128	128
13-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	204.68	AUD	ORD	-265	-265
13-Jun-19	BlackRock Advisors, LLC	on mkt buy	204.94	AUD	ORD	120	120
13-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.94	AUD	ORD	71	71
13-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.94	AUD	ORD	773	773
13-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.94	AUD	ORD	232	232
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	1,687	1,687
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	158	158
13-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.94	AUD	ORD	212	212
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	702	702
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	107	107
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	641	641
13-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	204.94	AUD	ORD	527	527
13-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	204.94	AUD	ORD	410	410
13-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.94	AUD	ORD	129	129
13-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	204.94	AUD	ORD	191	191
13-Jun-19	BlackRock Investment Management, LLC	on mkt buy	204.94	AUD	ORD	82	82
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	371	371
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.94	AUD	ORD	245	245
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,275	1,275
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.01	AUD	ORD	1,219	1,219
13-Jun-19	BlackRock (Netherlands) B.V.	on mkt buy	203.01	AUD	ORD	31	31
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.01	AUD	ORD	1,419	1,419

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.01	AUD	ORD	718	718
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.01	AUD	ORD	296	296
13-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-722	-722
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	180	180
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	378	378
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	132	132
14-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.68	AUD	ORD	122	122
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	264	264
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	313	313
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.63	AUD	ORD	232	232
14-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.63	AUD	ORD	549	549
14-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.63	AUD	ORD	116	116
14-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	203.63	AUD	ORD	133	133
14-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.63	AUD	ORD	140	140
14-Jun-19	BlackRock International Limited	on mkt buy	203.63	AUD	ORD	414	414
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	913	913
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	106	106
14-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.63	AUD	ORD	319	319
14-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.63	AUD	ORD	163	163
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	2,874	2,874
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	424	424
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.63	AUD	ORD	376	376
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.63	AUD	ORD	303	303
14-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.63	AUD	ORD	263	263
14-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	203.63	AUD	ORD	779	779
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	1,591	1,591
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	638	638
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.63	AUD	ORD	96	96
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	203.76	AUD	ORD	1,907	1,907
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.23	AUD	ORD	50	50
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	204.23	AUD	ORD	-32	-32
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	204.23	AUD	ORD	-81	-81
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	204.23	AUD	ORD	-465	-465
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,320	-1,320
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-990	-990
14-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-64,004	-64,004
17-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.59	AUD	ORD	191	191
17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	201.83	AUD	ORD	11	11
17-Jun-19	BlackRock Fund Advisors	on mkt sell	201.83	AUD	ORD	-3,494	-3,494
17-Jun-19	BlackRock Fund Advisors	on mkt sell	201.83	AUD	ORD	-3,084	-3,084
17-Jun-19	BlackRock Fund Advisors	on mkt sell	201.83	AUD	ORD	-670	-670
17-Jun-19	BlackRock Fund Advisors	on mkt sell	201.83	AUD	ORD	-1,713	-1,713
17-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
17-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,176	-1,176
17-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	87,028	87,028
17-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,601	-1,601
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	5	5
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	3	3
18-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.24	AUD	ORD	108	108

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	6	6
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	8	8
18-Jun-19	BlackRock Advisors, LLC	on mkt buy	202.31	AUD	ORD	19	19
18-Jun-19	BlackRock Advisors, LLC	on mkt buy	202.31	AUD	ORD	3	3
18-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	202.31	AUD	ORD	3	3
18-Jun-19	BlackRock Investment Management, LLC	on mkt buy	202.31	AUD	ORD	2	2
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	3	3
18-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.31	AUD	ORD	6	6
18-Jun-19	BlackRock Advisors, LLC	on mkt buy	202.31	AUD	ORD	6	6
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	98	98
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	15	15
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	202.31	AUD	ORD	4	4
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	202.31	AUD	ORD	3	3
18-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	202.31	AUD	ORD	7	7
18-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	202.31	AUD	ORD	20	20
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	47	47
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	17	17
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	202.31	AUD	ORD	1	1
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	216	216
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	140	140
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	268	268
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	356	356
18-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.46	AUD	ORD	849	849
18-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	203.46	AUD	ORD	143	143
18-Jun-19	BlackRock International Limited	on mkt buy	203.46	AUD	ORD	431	431
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	142	142
18-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.46	AUD	ORD	288	288
18-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.46	AUD	ORD	260	260
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	4,423	4,423
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	674	674
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.46	AUD	ORD	179	179
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	203.46	AUD	ORD	143	143
18-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	203.46	AUD	ORD	338	338
18-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	203.46	AUD	ORD	913	913
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	2,146	2,146
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	762	762
18-Jun-19	BlackRock Advisors, LLC	on mkt buy	203.46	AUD	ORD	127	127
18-Jun-19	BlackRock Investment Management, LLC	on mkt buy	203.46	AUD	ORD	81	81
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.46	AUD	ORD	26	26
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	203.96	AUD	ORD	-60	-60
18-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	203.96	AUD	ORD	-108	-108
18-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-87,028	-87,028
18-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,618	-5,618
19-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.96	AUD	ORD	221	221
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.88	AUD	ORD	1,250	1,250
19-Jun-19	BlackRock Investment Management, LLC	on mkt buy	205.96	AUD	ORD	526	526

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19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.96	AUD	ORD	869	869
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.96	AUD	ORD	564	564
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.96	AUD	ORD	1,660	1,660
19-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.96	AUD	ORD	210	210
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.96	AUD	ORD	174	174
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.96	AUD	ORD	491	491
19-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.96	AUD	ORD	518	518
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.96	AUD	ORD	172	172
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.96	AUD	ORD	168	168
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.96	AUD	ORD	148	148
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.96	AUD	ORD	166	166
19-Jun-19	BlackRock Investment Management, LLC	on mkt buy	205.96	AUD	ORD	146	146
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.96	AUD	ORD	169	169
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	205.96	AUD	ORD	95	95
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.96	AUD	ORD	70	70
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.96	AUD	ORD	57	57
19-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.96	AUD	ORD	48	48
19-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.50	AUD	ORD	26	26
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	206.95	AUD	ORD	462	462
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.95	AUD	ORD	8	8
19-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	206.95	AUD	ORD	-41	-41
19-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
19-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,420	9,420
19-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-45,062	-45,062
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	64	64
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	206	206
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	264	264
20-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	209.05	AUD	ORD	130	130
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	513	513
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	397	397
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	209.02	AUD	ORD	372	372
20-Jun-19	BlackRock Advisors, LLC	on mkt buy	209.02	AUD	ORD	893	893
20-Jun-19	BlackRock Advisors, LLC	on mkt buy	209.02	AUD	ORD	266	266
20-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	209.02	AUD	ORD	85	85
20-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	209.02	AUD	ORD	268	268
20-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	209.02	AUD	ORD	674	674
20-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	209.02	AUD	ORD	199	199
20-Jun-19	BlackRock Investment Management, LLC	on mkt buy	209.02	AUD	ORD	137	137
20-Jun-19	BlackRock International Limited	on mkt buy	209.02	AUD	ORD	817	817
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	189	189
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	1,863	1,863
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	202	202
20-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	209.02	AUD	ORD	388	388
20-Jun-19	BlackRock Advisors, LLC	on mkt buy	209.02	AUD	ORD	319	319
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	4,316	4,316
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	825	825

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20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	616	616
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	209.02	AUD	ORD	560	560
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	209.02	AUD	ORD	440	440
20-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	209.02	AUD	ORD	311	311
20-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	209.02	AUD	ORD	1,165	1,165
20-Jun-19	BlackRock Investment Management, LLC	on mkt buy	209.02	AUD	ORD	103	103
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	2,364	2,364
20-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.02	AUD	ORD	869	869
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	208.86	AUD	ORD	-262	-262
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	208.86	AUD	ORD	-81	-81
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	208.86	AUD	ORD	100	100
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	208.86	AUD	ORD	162	162
20-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	490	490
20-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,427	-3,427
20-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	26,423	26,423
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	122	122
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	136	136
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	285	285
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.26	AUD	ORD	177	177
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	624	624
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	424	424
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.20	AUD	ORD	455	455
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	206.25	AUD	ORD	-268	-268
21-Jun-19	BlackRock Advisors, LLC	on mkt buy	205.20	AUD	ORD	843	843
21-Jun-19	BlackRock Advisors, LLC	on mkt buy	205.20	AUD	ORD	319	319
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.20	AUD	ORD	114	114
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	205.20	AUD	ORD	259	259
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.20	AUD	ORD	917	917
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.20	AUD	ORD	285	285
21-Jun-19	BlackRock Investment Management, LLC	on mkt buy	205.20	AUD	ORD	150	150
21-Jun-19	BlackRock International Limited	on mkt buy	205.20	AUD	ORD	951	951
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	2,518	2,518
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	233	233
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.20	AUD	ORD	526	526
21-Jun-19	BlackRock Advisors, LLC	on mkt buy	205.20	AUD	ORD	263	263
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	700	700
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	792	792
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.20	AUD	ORD	863	863
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.20	AUD	ORD	679	679
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.20	AUD	ORD	363	363
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	205.20	AUD	ORD	965	965
21-Jun-19	BlackRock Investment Management, LLC	on mkt buy	205.20	AUD	ORD	123	123
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	2,243	2,243
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.20	AUD	ORD	1,014	1,014
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	204.31	AUD	ORD	80	80
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	204.31	AUD	ORD	-94	-94
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.31	AUD	ORD	218	218

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21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	204.31	AUD	ORD	390	390
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.31	AUD	ORD	72	72
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.31	AUD	ORD	137	137
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.31	AUD	ORD	863	863
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.31	AUD	ORD	90	90
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.31	AUD	ORD	4,203	4,203
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.31	AUD	ORD	648	648
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	204.31	AUD	ORD	1,169	1,169
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	204.31	AUD	ORD	-934	-934
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.31	AUD	ORD	220	220
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	204.31	AUD	ORD	-464	-464
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.31	AUD	ORD	416	416
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	204.31	AUD	ORD	-276	-276
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	204.31	AUD	ORD	-549	-549
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.31	AUD	ORD	2,583	2,583
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	204.31	AUD	ORD	-449	-449
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	204.31	AUD	ORD	272	272
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	448	448
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-840	-840
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,008	-1,008
21-Jun-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	2,855	2,855
21-Jun-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,726	1,726
21-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	17,032	17,032
21-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,700	-2,700
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.56	AUD	ORD	83	83
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.56	AUD	ORD	237	237
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.24	AUD	ORD	55	55
24-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.24	AUD	ORD	13	13
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	205.24	AUD	ORD	120	120
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	205.24	AUD	ORD	-944	-944
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	294	294
24-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	205.24	AUD	ORD	860	860
24-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-23,025	-23,025
24-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,886	-5,886
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	93	93
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	159	159
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	128	128
25-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.44	AUD	ORD	136	136
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	465	465
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	356	356
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.54	AUD	ORD	263	263
25-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	206.42	AUD	ORD	-540	-540
25-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.54	AUD	ORD	641	641
25-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.54	AUD	ORD	194	194

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25-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	206.54	AUD	ORD	122	122
25-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.54	AUD	ORD	709	709
25-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.54	AUD	ORD	221	221
25-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.54	AUD	ORD	101	101
25-Jun-19	BlackRock International Limited	on mkt buy	206.54	AUD	ORD	563	563
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	277	277
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	1,962	1,962
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	214	214
25-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.54	AUD	ORD	290	290
25-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.54	AUD	ORD	197	197
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	4,001	4,001
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	564	564
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	595	595
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.54	AUD	ORD	462	462
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.54	AUD	ORD	369	369
25-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.54	AUD	ORD	302	302
25-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	206.54	AUD	ORD	861	861
25-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.54	AUD	ORD	100	100
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	1,805	1,805
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.54	AUD	ORD	767	767
25-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.54	AUD	ORD	80	80
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.67	AUD	ORD	19	19
25-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.67	AUD	ORD	698	698
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	206.67	AUD	ORD	-70	-70
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-845	-845
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	388	388
25-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,502	-2,502
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.45	AUD	ORD	1,941	1,941
26-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	208.45	AUD	ORD	-476	-476
26-Jun-19	BlackRock Advisors, LLC	on mkt sell	208.45	AUD	ORD	-1,321	-1,321
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-277	-277
26-Jun-19	BlackRock Advisors, LLC	on mkt sell	208.45	AUD	ORD	-392	-392
26-Jun-19	BlackRock Investment Management, LLC	on mkt sell	208.45	AUD	ORD	-140	-140
26-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.49	AUD	ORD	216	216
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	208.49	AUD	ORD	1,879	1,879
26-Jun-19	BlackRock Investment Management, LLC	on mkt buy	208.49	AUD	ORD	650	650
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.49	AUD	ORD	1,256	1,256
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.49	AUD	ORD	796	796
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.49	AUD	ORD	723	723
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.49	AUD	ORD	681	681
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.49	AUD	ORD	295	295
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.49	AUD	ORD	292	292
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.49	AUD	ORD	321	321
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	208.39	AUD	ORD	-685	-685
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.49	AUD	ORD	274	274
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.49	AUD	ORD	209	209

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26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	208.45	AUD	ORD	-112	-112
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.49	AUD	ORD	180	180
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.49	AUD	ORD	177	177
26-Jun-19	BlackRock Investment Management, LLC	on mkt buy	208.49	AUD	ORD	171	171
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.49	AUD	ORD	145	145
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	208.49	AUD	ORD	141	141
26-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	208.49	AUD	ORD	108	108
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	208.39	AUD	ORD	-37	-37
26-Jun-19	BlackRock Investment Management, LLC	on mkt buy	208.49	AUD	ORD	92	92
26-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.49	AUD	ORD	63	63
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.49	AUD	ORD	54	54
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.80	AUD	ORD	31	31
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	208.27	AUD	ORD	-24	-24
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	208.27	AUD	ORD	967	967
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.27	AUD	ORD	851	851
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	208.27	AUD	ORD	-297	-297
26-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	208.27	AUD	ORD	-245	-245
26-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-457	-457
26-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	69,438	69,438
26-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-17,838	-17,838
26-Jun-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	24,269	24,269
26-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	15,969	15,969
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.06	AUD	ORD	91	91
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	80	80
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	96	96
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	284	284
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	261	261
27-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.06	AUD	ORD	201	201
27-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.07	AUD	ORD	457	457
27-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.06	AUD	ORD	107	107
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.06	AUD	ORD	61	61
27-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	206.07	AUD	ORD	96	96
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.07	AUD	ORD	616	616
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.06	AUD	ORD	185	185
27-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.06	AUD	ORD	79	79
27-Jun-19	BlackRock International Limited	on mkt buy	206.06	AUD	ORD	517	517
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.06	AUD	ORD	106	106
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	1,668	1,668
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.06	AUD	ORD	129	129
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.07	AUD	ORD	218	218
27-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.06	AUD	ORD	159	159
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	2,882	2,882
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.06	AUD	ORD	390	390
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.07	AUD	ORD	535	535
27-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.06	AUD	ORD	302	302

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27-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.06	AUD	ORD	233	233
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.07	AUD	ORD	203	203
27-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	206.06	AUD	ORD	573	573
27-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.07	AUD	ORD	88	88
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.06	AUD	ORD	1,087	1,087
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.06	AUD	ORD	460	460
27-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	206.12	AUD	ORD	-502	-502
27-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	206.45	AUD	ORD	-282	-282
27-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	206.45	AUD	ORD	-115	-115
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.45	AUD	ORD	434	434
27-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	256	256
27-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-69,438	-69,438
27-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9,444	9,444
27-Jun-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-15,180	-15,180
27-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,969	-15,969
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	75	75
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	203	203
28-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.52	AUD	ORD	128	128
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	412	412
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	387	387
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.67	AUD	ORD	284	284
28-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.67	AUD	ORD	728	728
28-Jun-19	BlackRock Advisors, LLC	on mkt buy	206.67	AUD	ORD	140	140
28-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.67	AUD	ORD	121	121
28-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	206.67	AUD	ORD	198	198
28-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.67	AUD	ORD	987	987
28-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.67	AUD	ORD	306	306
28-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.67	AUD	ORD	158	158
28-Jun-19	BlackRock International Limited	on mkt buy	206.67	AUD	ORD	881	881
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	374	374
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	3,200	3,200
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	277	277
28-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.67	AUD	ORD	365	365
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	663	663
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	859	859
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.67	AUD	ORD	636	636
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	206.67	AUD	ORD	505	505
28-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.67	AUD	ORD	303	303
28-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	206.67	AUD	ORD	836	836
28-Jun-19	BlackRock Investment Management, LLC	on mkt buy	206.67	AUD	ORD	157	157
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	1,803	1,803
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	538	538
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.67	AUD	ORD	22	22

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28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -444	-444
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 8	8
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -940	-940
28-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -124	-124
28-Jun-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -120	-120
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -958	-958
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -305	-305
28-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -72	-72
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -274	-274
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 299	299
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 182	182
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 114	114
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -914	-914
28-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 16,401	16,401
28-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -15,129	-15,129
28-Jun-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -9,089	-9,089
01-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 115	115
01-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 54	54
01-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD -528	-528
01-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -16,401	-16,401
01-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -8,652	-8,652
01-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 61,342	61,342
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 84	84
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 155	155
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 313	313
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 229	229
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 275	275
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -613	-613
02-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 576	576
02-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 143	143
02-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 78	78
02-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 142	142
02-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 934	934
02-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 281	281
02-Jul-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 116	116
02-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 510	510
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 206	206
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,620	2,620
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 198	198
02-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 216	216
02-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 177	177
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,264	4,264
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 394	394
02-Jul-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 265	265
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 822	822
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 555	555
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 445	445

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02-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	211.83	AUD	ORD	189	189
02-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	211.83	AUD	ORD	568	568
02-Jul-19	BlackRock Investment Management, LLC	on mkt buy	211.83	AUD	ORD	142	142
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.83	AUD	ORD	1,292	1,292
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.83	AUD	ORD	343	343
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.83	AUD	ORD	63	63
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	211.99	AUD	ORD	-512	-512
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	211.99	AUD	ORD	-48	-48
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.99	AUD	ORD	2,613	2,613
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	211.99	AUD	ORD	1,212	1,212
02-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	86,433	86,433
02-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-61,342	-61,342
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.37	AUD	ORD	453	453
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.37	AUD	ORD	168	168
03-Jul-19	BlackRock Investment Management, LLC	on mkt buy	215.37	AUD	ORD	313	313
03-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	215.37	AUD	ORD	133	133
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.37	AUD	ORD	110	110
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.37	AUD	ORD	83	83
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	215.37	AUD	ORD	151	151
03-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	215.32	AUD	ORD	994	994
03-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	215.37	AUD	ORD	658	658
03-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	215.37	AUD	ORD	74	74
03-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	215.37	AUD	ORD	78	78
03-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	215.37	AUD	ORD	432	432
03-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	215.37	AUD	ORD	356	356
03-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	215.37	AUD	ORD	482	482
03-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	215.38	AUD	ORD	142	142
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	215.37	AUD	ORD	1,164	1,164
03-Jul-19	BlackRock Investment Management, LLC	on mkt buy	215.37	AUD	ORD	67	67
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.37	AUD	ORD	99	99
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.37	AUD	ORD	34	34
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	215.35	AUD	ORD	-344	-344
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	215.35	AUD	ORD	-398	-398
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	215.35	AUD	ORD	-655	-655
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	215.35	AUD	ORD	-47	-47
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.41	AUD	ORD	251	251
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.41	AUD	ORD	19	19
03-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.41	AUD	ORD	18	18
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	215.44	AUD	ORD	55	55
03-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	215.44	AUD	ORD	847	847
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-891	-891
03-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9,165	9,165
03-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,514	-1,514
03-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	21,200	21,200
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	215.15	AUD	ORD	-615	-615

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04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.20	AUD	ORD	50	50
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.20	AUD	ORD	415	415
04-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,017	-1,017
04-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,057	-1,057
04-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-605	-605
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	218.18	AUD	ORD	128	128
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	218.18	AUD	ORD	55	55
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	218.18	AUD	ORD	22	22
05-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.18	AUD	ORD	293	293
05-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-676	-676
05-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-873	-873
05-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	605	605
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.38	AUD	ORD	114	114
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.38	AUD	ORD	76	76
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	213.47	AUD	ORD	128	128
08-Jul-19	BlackRock Fund Advisors	on mkt buy	213.47	AUD	ORD	497	497
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.47	AUD	ORD	923	923
08-Jul-19	BlackRock Fund Advisors	on mkt buy	213.47	AUD	ORD	530	530
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	213.47	AUD	ORD	-113	-113
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	213.47	AUD	ORD	55	55
08-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	114	114
08-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,276	5,276
08-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-21,200	-21,200
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.14	AUD	ORD	8	8
09-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	214.47	AUD	ORD	-703	-703
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.45	AUD	ORD	2	2
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.45	AUD	ORD	4	4
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.45	AUD	ORD	2	2
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Advisors, LLC	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.45	AUD	ORD	1	1
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	846	846
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	1,373	1,373
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	712	712
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	116	116
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	205	205
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	126	126
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	214.52	AUD	ORD	195	195
09-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	214.47	AUD	ORD	177	177
09-Jul-19	BlackRock Advisors, LLC	on mkt buy	214.52	AUD	ORD	219	219
09-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	214.52	AUD	ORD	108	108
09-Jul-19	BlackRock International Limited	on mkt buy	214.52	AUD	ORD	490	490
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	158	158
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	113	113

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09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	188	188
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	214.52	AUD	ORD	446	446
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	214.52	AUD	ORD	360	360
09-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	214.52	AUD	ORD	100	100
09-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	214.52	AUD	ORD	302	302
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	214.52	AUD	ORD	68	68
09-Jul-19	BlackRock Investment Management, LLC	on mkt buy	214.52	AUD	ORD	74	74
09-Jul-19	BlackRock Investment Management, LLC	on mkt buy	214.52	AUD	ORD	67	67
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	214.95	AUD	ORD	-144	-144
09-Jul-19	BlackRock Japan Co., Ltd.	on mkt sell	214.95	AUD	ORD	-90	-90
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,606	-1,606
09-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-252	-252
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	219.34	AUD	ORD	-564	-564
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	220.73	AUD	ORD	-387	-387
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	220.73	AUD	ORD	-342	-342
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	220.73	AUD	ORD	-47	-47
10-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.38	AUD	ORD	464	464
10-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	221.38	AUD	ORD	331	331
10-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.38	AUD	ORD	243	243
10-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.38	AUD	ORD	146	146
10-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.38	AUD	ORD	145	145
10-Jul-19	BlackRock Investment Management, LLC	on mkt buy	221.38	AUD	ORD	118	118
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.98	AUD	ORD	90	90
10-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	221.38	AUD	ORD	67	67
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.38	AUD	ORD	24	24
10-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	222.17	AUD	ORD	817	817
10-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
10-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	570	570
10-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-992	-992
10-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-21,967	-21,967
11-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	222.06	AUD	ORD	-715	-715
11-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	222.23	AUD	ORD	-349	-349
11-Jul-19	BlackRock Advisors, LLC	on mkt buy	222.22	AUD	ORD	151	151
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	222.22	AUD	ORD	1,131	1,131
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	222.22	AUD	ORD	158	158
11-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	222.22	AUD	ORD	215	215
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	222.22	AUD	ORD	525	525
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	221.11	AUD	ORD	8	8
11-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
11-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,008	-2,008
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.68	AUD	ORD	65	65
12-Jul-19	BlackRock Advisors, LLC	on mkt buy	221.68	AUD	ORD	117	117
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.68	AUD	ORD	1,029	1,029
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.68	AUD	ORD	116	116
12-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	221.68	AUD	ORD	65	65
12-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	221.68	AUD	ORD	174	174
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.68	AUD	ORD	448	448

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12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.70	AUD	ORD	-2,605	-2,605
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	221.55	AUD	ORD	780	780
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	221.55	AUD	ORD	144	144
12-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	221.55	AUD	ORD	1,121	1,121
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
12-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	-2
12-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,199	1,199
15-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	220.38	AUD	ORD	104	104
15-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.38	AUD	ORD	354	354
15-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	220.49	AUD	ORD	1,168	1,168
15-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2	2
15-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-79,106	-79,106
16-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	220.00	AUD	ORD	98	98
16-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.47	AUD	ORD	-495	-495
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.46	AUD	ORD	740	740
16-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	221.46	AUD	ORD	97	97
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.46	AUD	ORD	256	256
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	221.28	AUD	ORD	256	256
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	221.28	AUD	ORD	-162	-162
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	221.28	AUD	ORD	-144	-144
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.28	AUD	ORD	107	107
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	434	434
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-322	-322
16-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,943	-4,943
16-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,015	-6,015
16-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,153	6,153
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	219.96	AUD	ORD	-434	-434
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	219.96	AUD	ORD	-463	-463
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	219.96	AUD	ORD	-594	-594
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	219.96	AUD	ORD	-57	-57
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	219.89	AUD	ORD	-1,650	-1,650
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	219.89	AUD	ORD	-526	-526
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	219.89	AUD	ORD	-527	-527
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	220.09	AUD	ORD	730	730
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt sell	219.96	AUD	ORD	-57	-57
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	219.88	AUD	ORD	256	256
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	219.88	AUD	ORD	1,098	1,098
17-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	219.88	AUD	ORD	1,097	1,097
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	219.88	AUD	ORD	68	68
17-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-68	-68
17-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,213	-2,213
17-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-807	-807
17-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	38,184	38,184
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.32	AUD	ORD	-400	-400
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	221.32	AUD	ORD	-198	-198
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	221.74	AUD	ORD	128	128

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18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	221.74	AUD	ORD	256	256
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.74	AUD	ORD	2,399	2,399
18-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
18-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	48,577	48,577
18-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	26	26
18-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-33,279	-33,279
18-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	203	203
19-Jul-19	BlackRock Investment Management (UK) Limited	on mkt sell	219.82	AUD	ORD	-507	-507
19-Jul-19	BlackRock Advisors, LLC	on mkt sell	219.69	AUD	ORD	-184	-184
19-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	219.69	AUD	ORD	-315	-315
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	219.11	AUD	ORD	-55	-55
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	219.11	AUD	ORD	-66	-66
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	219.11	AUD	ORD	1,664	1,664
19-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	219.11	AUD	ORD	-3,171	-3,171
19-Jul-19	BlackRock Fund Advisors	on mkt buy	219.11	AUD	ORD	1,150	1,150
19-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	219.11	AUD	ORD	84	84
19-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	219.11	AUD	ORD	292	292
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	168	168
19-Jul-19	BlackRock Advisors, LLC	on mkt sell	219.11	AUD	ORD	-13	-13
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	388	388
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	780	780
19-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,282	-24,282
19-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-26	-26
19-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,058	-11,058
19-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-203	-203
22-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	217.51	AUD	ORD	57	57
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	216.44	AUD	ORD	16	16
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,094	1,094
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	44,052	44,052
22-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,000	2,000
22-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
22-Jul-19	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	-1,474	-1,474
23-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	218.90	AUD	ORD	-231	-231
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	218.90	AUD	ORD	-75	-75
23-Jul-19	BlackRock Investment Management (UK) Limited	on mkt sell	219.16	AUD	ORD	-265	-265
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	219.35	AUD	ORD	16	16
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	219.35	AUD	ORD	12	12
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	219.35	AUD	ORD	32	32
23-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	219.35	AUD	ORD	523	523
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	219.35	AUD	ORD	-164	-164
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	219.35	AUD	ORD	-365	-365
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-755	-755
23-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	288	288
23-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	32,284	32,284
24-Jul-19	BlackRock Advisors, LLC	on mkt sell	220.81	AUD	ORD	-146	-146
24-Jul-19	BlackRock Advisors, LLC	on mkt sell	220.81	AUD	ORD	-57	-57
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	220.63	AUD	ORD	-2,123	-2,123
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	220.63	AUD	ORD	-531	-531
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	220.63	AUD	ORD	-526	-526
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	220.72	AUD	ORD	-699	-699
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	221.28	AUD	ORD	129	129

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	221.28	AUD	ORD	455	455
24-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-288	-288
24-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	31,577	31,577
25-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	224.12	AUD	ORD	-290	-290
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	224.12	AUD	ORD	-89	-89
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	224.66	AUD	ORD	87	87
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	207	207
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,040	1,040
25-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	206	206
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	222.97	AUD	ORD	27	27
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	222.04	AUD	ORD	192	192
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	222.04	AUD	ORD	-998	-998
26-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-261	-261
29-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.86	AUD	ORD	55	55
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	223.96	AUD	ORD	129	129
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	223.96	AUD	ORD	131	131
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	223.96	AUD	ORD	36	36
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	223.96	AUD	ORD	96	96
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	223.96	AUD	ORD	-54	-54
29-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
29-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-68,784	-68,784
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	198	198
30-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	225.12	AUD	ORD	-261	-261
30-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	225.11	AUD	ORD	611	611
30-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	225.11	AUD	ORD	67	67
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	225.11	AUD	ORD	232	232
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	225.11	AUD	ORD	187	187
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	225.13	AUD	ORD	24	24
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	225.13	AUD	ORD	22	22
30-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	225.13	AUD	ORD	674	674
30-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	225.13	AUD	ORD	-110	-110
30-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,515	4,515
30-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,007	-1,007
30-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	7,028	7,028
30-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	40,844	40,844
30-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	18,412	18,412
30-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,972	1,972
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.46	AUD	ORD	43	43
31-Jul-19	BlackRock Investment Management, LLC	on mkt buy	221.46	AUD	ORD	91	91
31-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.45	AUD	ORD	268	268
31-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.46	AUD	ORD	174	174
31-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.46	AUD	ORD	88	88
31-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	221.46	AUD	ORD	88	88
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.25	AUD	ORD	-41	-41
31-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	221.46	AUD	ORD	630	630
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.25	AUD	ORD	-345	-345
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.25	AUD	ORD	-434	-434
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.25	AUD	ORD	-285	-285
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	221.40	AUD	ORD	-354	-354
31-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	223.50	AUD	ORD	46	46

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	220.35	AUD	ORD	128	128
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	220.35	AUD	ORD	94	94
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	220.35	AUD	ORD	81	81
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	220.35	AUD	ORD	224	224
31-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	23	23
31-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,900	-2,900
31-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	104	104
31-Jul-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-333	-333
31-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-363	-363
31-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	14	14
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	134	134
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	314	314
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	133	133
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	220.18	AUD	ORD	253	253
01-Aug-19	BlackRock Advisors, LLC	on mkt buy	220.18	AUD	ORD	106	106
01-Aug-19	BlackRock Advisors, LLC	on mkt buy	220.18	AUD	ORD	99	99
01-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	220.18	AUD	ORD	128	128
01-Aug-19	BlackRock International Limited	on mkt buy	220.18	AUD	ORD	426	426
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	220.11	AUD	ORD	-128	-128
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	774	774
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	66	66
01-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	220.18	AUD	ORD	208	208
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	590	590
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	220.18	AUD	ORD	366	366
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	220.18	AUD	ORD	282	282
01-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	220.18	AUD	ORD	85	85
01-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	220.18	AUD	ORD	130	130
01-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	220.18	AUD	ORD	236	236
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	220.13	AUD	ORD	-288	-288
01-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	220.13	AUD	ORD	227	227
01-Aug-19	BlackRock Advisors, LLC	on mkt buy	220.13	AUD	ORD	16	16
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	220.13	AUD	ORD	-961	-961
01-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-433	-433
01-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,000	-11,000
01-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,352	-3,352
01-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-547	-547
01-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,000	4,000
01-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-203	-203
01-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,764	-3,764
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	223.19	AUD	ORD	-1,961	-1,961
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.19	AUD	ORD	1,255	1,255
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	104	104
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	52	52
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	188	188
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	223.43	AUD	ORD	151	151
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	384	384
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	125	125

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02-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	223.43	AUD	ORD	358	358
02-Aug-19	BlackRock Advisors, LLC	on mkt buy	223.43	AUD	ORD	192	192
02-Aug-19	BlackRock Advisors, LLC	on mkt buy	223.43	AUD	ORD	173	173
02-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	223.43	AUD	ORD	192	192
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	223.43	AUD	ORD	666	666
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	223.43	AUD	ORD	199	199
02-Aug-19	BlackRock International Limited	on mkt buy	223.43	AUD	ORD	583	583
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	1,110	1,110
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	105	105
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	223.43	AUD	ORD	329	329
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	764	764
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	111	111
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	648	648
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	223.43	AUD	ORD	390	390
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	223.43	AUD	ORD	315	315
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	223.43	AUD	ORD	95	95
02-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	223.43	AUD	ORD	162	162
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	319	319
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	223.43	AUD	ORD	282	282
02-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-300	-300
02-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,300	-5,300
02-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	18	18
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	538	538
02-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	960	960
02-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,162	5,162
02-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	254	254
05-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.38	AUD	ORD	101	101
05-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.38	AUD	ORD	56	56
05-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.90	AUD	ORD	-1,654	-1,654
05-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	216.90	AUD	ORD	-109	-109
05-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	140	140
05-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-42	-42
05-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	73,623	73,623
05-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	1	1
05-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-599	-599
05-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	769	769
05-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,458	5,458
05-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-378	-378
06-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.13	AUD	ORD	21	21
06-Aug-19	BlackRock Advisors, LLC	on mkt sell	210.07	AUD	ORD	-95	-95
06-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.25	AUD	ORD	-581	-581
06-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.25	AUD	ORD	-168	-168
06-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	210.25	AUD	ORD	-207	-207
06-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.25	AUD	ORD	-632	-632
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.93	AUD	ORD	455	455
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	209.93	AUD	ORD	128	128

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	209.93	AUD	ORD	-108	-108
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	209.93	AUD	ORD	-54	-54
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	209.93	AUD	ORD	-33	-33
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	209.93	AUD	ORD	-132	-132
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	209.93	AUD	ORD	-76	-76
06-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,763	-5,763
06-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,647	-14,647
06-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-2
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,718	-3,718
06-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-41,686	-41,686
06-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,376	-9,376
06-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,592	-1,592
07-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	211.68	AUD	ORD	130	130
07-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	211.68	AUD	ORD	161	161
07-Aug-19	BlackRock Investment Management, LLC	on mkt buy	211.67	AUD	ORD	379	379
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.67	AUD	ORD	66	66
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	211.67	AUD	ORD	231	231
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	211.67	AUD	ORD	405	405
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	210.02	AUD	ORD	105	105
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	212.23	AUD	ORD	-48	-48
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	212.23	AUD	ORD	-99	-99
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	212.23	AUD	ORD	8	8
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	212.23	AUD	ORD	-33	-33
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	212.23	AUD	ORD	524	524
07-Aug-19	BlackRock Investment Management, LLC	on mkt buy	212.23	AUD	ORD	97	97
07-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	10,744	10,744
07-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-6	-6
07-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1	1
07-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,478	-11,478
07-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4	-4
08-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.28	AUD	ORD	65	65
08-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	210.28	AUD	ORD	174	174
08-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.28	AUD	ORD	-139	-139
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	210.28	AUD	ORD	166	166
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	210.28	AUD	ORD	130	130
08-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	210.28	AUD	ORD	-156	-156
08-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.28	AUD	ORD	-557	-557
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	210.39	AUD	ORD	-157	-157
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	210.39	AUD	ORD	-157	-157
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	210.39	AUD	ORD	-28	-28
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	210.39	AUD	ORD	-54	-54
08-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	210.39	AUD	ORD	414	414
08-Aug-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,782	1,782
08-Aug-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	2,863	2,863
08-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
08-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-256	-256
08-Aug-19	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-11	-11
08-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	0	0
08-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9	-9
08-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,517	-6,517

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08-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-63	-63
08-Aug-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-11,059	-11,059
09-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	211.25	AUD	ORD	-779	-779
09-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	210.48	AUD	ORD	213	213
09-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.48	AUD	ORD	412	412
09-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.50	AUD	ORD	-247	-247
09-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.48	AUD	ORD	32	32
09-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	210.16	AUD	ORD	-674	-674
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	210.25	AUD	ORD	520	520
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	210.25	AUD	ORD	110	110
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	210.25	AUD	ORD	243	243
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	210.25	AUD	ORD	551	551
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	210.25	AUD	ORD	894	894
09-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32	32
09-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-22	-22
12-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.21	AUD	ORD	118	118
12-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	210.43	AUD	ORD	-121	-121
12-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-105	-105
12-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-920	-920
12-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,183	4,183
12-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-599	-599
12-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.02	AUD	ORD	758	758
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	755	755
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	321	321
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	326	326
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.02	AUD	ORD	243	243
13-Aug-19	BlackRock International Limited	on mkt buy	204.02	AUD	ORD	479	479
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	683	683
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.02	AUD	ORD	424	424
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	204.02	AUD	ORD	388	388
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	204.02	AUD	ORD	303	303
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	204.02	AUD	ORD	182	182
13-Aug-19	BlackRock Advisors, LLC	on mkt buy	204.02	AUD	ORD	141	141
13-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	204.02	AUD	ORD	126	126
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	217	217
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	105	105
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	205.46	AUD	ORD	124	124
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.02	AUD	ORD	75	75
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	203.37	AUD	ORD	128	128
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	203.37	AUD	ORD	-157	-157
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	203.37	AUD	ORD	384	384
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	203.37	AUD	ORD	96	96
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	203.37	AUD	ORD	-270	-270
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	203.37	AUD	ORD	-1,142	-1,142
13-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16	16
13-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,002	5,002
13-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,300	-3,300

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	203.82	AUD	ORD	-707	-707
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	203.21	AUD	ORD	1,329	1,329
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	203.21	AUD	ORD	430	430
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	203.21	AUD	ORD	549	549
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.34	AUD	ORD	188	188
14-Aug-19	BlackRock Investment Management, LLC	on mkt buy	203.34	AUD	ORD	174	174
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	203.34	AUD	ORD	135	135
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.34	AUD	ORD	103	103
14-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	203.34	AUD	ORD	752	752
14-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	203.34	AUD	ORD	353	353
14-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	203.34	AUD	ORD	176	176
14-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	203.34	AUD	ORD	174	174
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	203.18	AUD	ORD	50	50
14-Aug-19	BlackRock Investment Management, LLC	on mkt buy	203.34	AUD	ORD	774	774
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	203.34	AUD	ORD	134	134
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	203.34	AUD	ORD	939	939
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	203.34	AUD	ORD	485	485
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	203.34	AUD	ORD	811	811
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	203.37	AUD	ORD	-76	-76
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	203.21	AUD	ORD	-61	-61
14-Aug-19	BlackRock Investment Management, LLC	on mkt sell	203.22	AUD	ORD	-57	-57
14-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	203.22	AUD	ORD	-217	-217
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	203.21	AUD	ORD	-167	-167
14-Aug-19	BlackRock Advisors, LLC	on mkt sell	203.22	AUD	ORD	-204	-204
14-Aug-19	BlackRock Advisors, LLC	on mkt sell	203.22	AUD	ORD	-737	-737
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-490	-490
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-460	-460
14-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-118	-118
14-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	21,200	21,200
14-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,612	-4,612
14-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	201.61	AUD	ORD	121	121
15-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	201.62	AUD	ORD	137	137
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	201.61	AUD	ORD	335	335
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	201.61	AUD	ORD	248	248
15-Aug-19	BlackRock Advisors, LLC	on mkt buy	201.61	AUD	ORD	168	168
15-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	201.61	AUD	ORD	81	81
15-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	201.61	AUD	ORD	118	118
15-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	201.61	AUD	ORD	853	853
15-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	201.61	AUD	ORD	277	277
15-Aug-19	BlackRock Investment Management, LLC	on mkt buy	201.61	AUD	ORD	82	82
15-Aug-19	BlackRock International Limited	on mkt buy	201.61	AUD	ORD	445	445
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	201.61	AUD	ORD	1,166	1,166
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	201.61	AUD	ORD	130	130
15-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	201.61	AUD	ORD	468	468
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	201.61	AUD	ORD	853	853
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	201.61	AUD	ORD	564	564

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15-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	449
15-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	105
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	213
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-70
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-70
15-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	289
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	282
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	680
15-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD	340
15-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD	45
15-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	-21,200
15-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	18,213
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	389
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	152
16-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	161
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	400
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	362
16-Aug-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD	201
16-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	101
16-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	149
16-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	1,136
16-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	380
16-Aug-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	106
16-Aug-19	BlackRock International Limited	on mkt buy	AUD	ORD	609
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,860
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	174
16-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	494
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,116
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	899
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	716
16-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	96
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-94
16-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD	-431
16-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD	159
16-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	732
16-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	73,473
16-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	-2,000
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	80
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,039
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	4,027
19-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	198
19-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	-732
19-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-33,741
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	24
20-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-161
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	534
20-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-66
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-558

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20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	218.07	AUD	ORD	-238	-238
20-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	218.07	AUD	ORD	-264	-264
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	218.07	AUD	ORD	-585	-585
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	219.20	AUD	ORD	520	520
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	219.20	AUD	ORD	25	25
20-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
20-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-105	-105
20-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-315	-315
20-Aug-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-849	-849
20-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,183	-4,183
20-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-65,116	-65,116
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.08	AUD	ORD	-399	-399
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.13	AUD	ORD	-398	-398
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.08	AUD	ORD	-314	-314
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.08	AUD	ORD	-592	-592
21-Aug-19	BlackRock Investment Management, LLC	on mkt sell	216.08	AUD	ORD	-111	-111
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.08	AUD	ORD	-376	-376
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.08	AUD	ORD	-848	-848
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.98	AUD	ORD	211	211
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	215.98	AUD	ORD	206	206
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	216.82	AUD	ORD	-447	-447
21-Aug-19	BlackRock Fund Advisors	on mkt sell	216.79	AUD	ORD	-1,590	-1,590
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.36	AUD	ORD	195	195
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	215.36	AUD	ORD	129	129
21-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,063	-62,063
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.66	AUD	ORD	-102	-102
22-Aug-19	BlackRock Advisors, LLC	on mkt sell	216.66	AUD	ORD	-330	-330
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.66	AUD	ORD	-101	-101
22-Aug-19	BlackRock Advisors, LLC	on mkt sell	216.66	AUD	ORD	-144	-144
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.66	AUD	ORD	-1,168	-1,168
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.66	AUD	ORD	-465	-465
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	216.66	AUD	ORD	-87	-87
22-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	216.66	AUD	ORD	-516	-516
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.66	AUD	ORD	-1,108	-1,108
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	216.43	AUD	ORD	-70	-70
22-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	152	152
22-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-520	-520
22-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	56,451	56,451
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.71	AUD	ORD	-81	-81
23-Aug-19	BlackRock Advisors, LLC	on mkt sell	215.71	AUD	ORD	-215	-215
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.71	AUD	ORD	-78	-78
23-Aug-19	BlackRock Advisors, LLC	on mkt sell	215.71	AUD	ORD	-72	-72
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.71	AUD	ORD	-822	-822
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.71	AUD	ORD	-240	-240
23-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	215.71	AUD	ORD	-281	-281
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.71	AUD	ORD	-650	-650

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23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.89	AUD	ORD	325	325
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.89	AUD	ORD	25	25
23-Aug-19	BlackRock Investment Management, LLC	on mkt sell	215.89	AUD	ORD	-112	-112
23-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,190	-1,190
23-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-56,451	-56,451
24-Aug-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-3,275	-3,275
26-Aug-19	BlackRock (Singapore) Limited	on mkt sell	208.70	AUD	ORD	-197	-197
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	90	90
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-507	-507
26-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	72,822	72,822
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.40	AUD	ORD	-735	-735
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.40	AUD	ORD	-577	-577
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.40	AUD	ORD	-199	-199
27-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	211.40	AUD	ORD	-236	-236
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	211.40	AUD	ORD	-192	-192
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.40	AUD	ORD	-97	-97
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.40	AUD	ORD	-76	-76
27-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	211.08	AUD	ORD	665	665
27-Aug-19	BlackRock International Limited	on mkt buy	211.08	AUD	ORD	420	420
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	211.08	AUD	ORD	8	8
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	211.08	AUD	ORD	216	216
27-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	211.08	AUD	ORD	386	386
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.08	AUD	ORD	-350	-350
27-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	211.08	AUD	ORD	1,076	1,076
27-Aug-19	BlackRock Fund Advisors	on mkt sell	211.08	AUD	ORD	-468	-468
27-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	502	502
27-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,478	-5,478
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	212.60	AUD	ORD	19	19
28-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	211.92	AUD	ORD	427	427
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	212.81	AUD	ORD	43	43
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	212.81	AUD	ORD	43	43
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	213.59	AUD	ORD	-736	-736
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	213.59	AUD	ORD	-4	-4
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	213.59	AUD	ORD	-264	-264
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,040	-2,040
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-680	-680
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70	70
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	190	190
28-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	AUD	ORD	8,436	8,436
28-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	37,505	37,505
28-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,344	-67,344
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.93	AUD	ORD	-117	-117
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	211.93	AUD	ORD	-209	-209
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.93	AUD	ORD	-94	-94
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	211.93	AUD	ORD	-87	-87
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.93	AUD	ORD	-837	-837
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.93	AUD	ORD	-230	-230
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	211.93	AUD	ORD	-103	-103
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	211.93	AUD	ORD	-262	-262

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29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	211.93	AUD	ORD	-632	-632
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	213.25	AUD	ORD	-158	-158
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	213.25	AUD	ORD	-54	-54
29-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,353	-5,353
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	217.53	AUD	ORD	-71	-71
30-Aug-19	BlackRock Advisors, LLC	on mkt sell	217.53	AUD	ORD	-165	-165
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	217.53	AUD	ORD	-180	-180
30-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	217.53	AUD	ORD	-72	-72
30-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	217.53	AUD	ORD	-220	-220
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	217.53	AUD	ORD	-527	-527
30-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	218.00	AUD	ORD	50	50
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	218.00	AUD	ORD	24	24
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.00	AUD	ORD	3,260	3,260
30-Aug-19	BlackRock Investment Management, LLC	on mkt buy	218.00	AUD	ORD	97	97
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.00	AUD	ORD	1,323	1,323
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.00	AUD	ORD	328	328
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	299	299
30-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-32,654	-32,654
30-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,000	2,000
02-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	217.31	AUD	ORD	252	252
02-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	215.81	AUD	ORD	480	480
02-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	21,592	21,592
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	218.82	AUD	ORD	390	390
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	218.82	AUD	ORD	-1,024	-1,024
03-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	218.82	AUD	ORD	2,597	2,597
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	218.82	AUD	ORD	4	4
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	218.82	AUD	ORD	-54	-54
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	218.82	AUD	ORD	48	48
03-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-140	-140
03-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	874	874
03-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-23,592	-23,592
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.31	AUD	ORD	-1,214	-1,214
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.31	AUD	ORD	-301	-301
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	216.31	AUD	ORD	-387	-387
04-Sep-19	BlackRock Investment Management, LLC	on mkt sell	216.40	AUD	ORD	-247	-247
04-Sep-19	BlackRock Investment Management, LLC	on mkt sell	216.40	AUD	ORD	-80	-80
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.40	AUD	ORD	-42	-42
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	216.40	AUD	ORD	-32	-32
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	215.92	AUD	ORD	-512	-512
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	215.92	AUD	ORD	11	11
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	215.92	AUD	ORD	8	8
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.92	AUD	ORD	88	88
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	228	228
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	175	175
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,108	3,108
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	228	228
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	777	777
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-95	-95
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-128	-128
05-Sep-19	BlackRock Advisors, LLC	on mkt sell	212.58	AUD	ORD	-373	-373

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05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-204	-204
05-Sep-19	BlackRock Advisors, LLC	on mkt sell	212.58	AUD	ORD	-132	-132
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-1,192	-1,192
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-362	-362
05-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	212.58	AUD	ORD	-111	-111
05-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	212.58	AUD	ORD	-396	-396
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-1,037	-1,037
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	212.58	AUD	ORD	-261	-261
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	212.86	AUD	ORD	36	36
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	212.86	AUD	ORD	-1,194	-1,194
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	260	260
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	156	156
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	190	190
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,295	1,295
05-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	59	59
05-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,000	2,000
05-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	15,464	15,464
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-105	-105
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-351	-351
06-Sep-19	BlackRock Advisors, LLC	on mkt sell	215.41	AUD	ORD	-827	-827
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-486	-486
06-Sep-19	BlackRock Advisors, LLC	on mkt sell	215.41	AUD	ORD	-223	-223
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-3,565	-3,565
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-735	-735
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	215.41	AUD	ORD	-296	-296
06-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	215.41	AUD	ORD	-974	-974
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	215.41	AUD	ORD	-164	-164
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-2,268	-2,268
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	215.41	AUD	ORD	-581	-581
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	215.99	AUD	ORD	780	780
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	215.99	AUD	ORD	48	48
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	215.99	AUD	ORD	8	8
06-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	215.99	AUD	ORD	1,888	1,888
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	208	208
06-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	20,141	20,141
06-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,000	-2,000
06-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,464	-15,464
09-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	214.56	AUD	ORD	-216	-216
09-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	213.94	AUD	ORD	190	190
09-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	213.94	AUD	ORD	-54	-54
09-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-105	-105
09-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	777	777
09-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-2,151	-2,151
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-149	-149
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-354	-354
10-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.76	AUD	ORD	10	10
10-Sep-19	BlackRock Advisors, LLC	on mkt sell	208.45	AUD	ORD	-711	-711

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10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-390	-390
10-Sep-19	BlackRock Advisors, LLC	on mkt sell	208.45	AUD	ORD	-203	-203
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-3,225	-3,225
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-644	-644
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	208.45	AUD	ORD	-283	-283
10-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	208.45	AUD	ORD	-853	-853
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	208.45	AUD	ORD	-202	-202
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-2,001	-2,001
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-646	-646
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.50	AUD	ORD	520	520
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.50	AUD	ORD	134	134
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.50	AUD	ORD	36	36
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	208.50	AUD	ORD	-108	-108
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.50	AUD	ORD	72	72
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.50	AUD	ORD	162	162
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.50	AUD	ORD	-106	-106
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	234	234
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-340	-340
10-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-20,200	-20,200
10-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	31,158	31,158
10-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	20,200	20,200
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	205.95	AUD	ORD	568	568
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	205.95	AUD	ORD	229	229
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	205.95	AUD	ORD	892	892
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	205.92	AUD	ORD	-305	-305
11-Sep-19	BlackRock Investment Management, LLC	on mkt sell	205.70	AUD	ORD	-272	-272
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	205.70	AUD	ORD	-107	-107
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	205.70	AUD	ORD	-139	-139
11-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	205.70	AUD	ORD	-122	-122
11-Sep-19	BlackRock Investment Management, LLC	on mkt sell	205.70	AUD	ORD	-147	-147
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	205.70	AUD	ORD	-100	-100
11-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	206.05	AUD	ORD	-34	-34
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	205.99	AUD	ORD	-95	-95
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	205.99	AUD	ORD	48	48
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	91	91
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-672	-672
11-Sep-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-897	-897
11-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	63,254	63,254
11-Sep-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-20,200	-20,200
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-283	-283
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-478	-478
12-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	207.38	AUD	ORD	275	275
12-Sep-19	BlackRock Advisors, LLC	on mkt sell	207.28	AUD	ORD	-1,182	-1,182
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-592	-592
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-628	-628
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-80	-80
12-Sep-19	BlackRock Advisors, LLC	on mkt sell	207.28	AUD	ORD	-343	-343
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-6,208	-6,208

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12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-1,114	-1,114
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	207.28	AUD	ORD	-378	-378
12-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	207.28	AUD	ORD	-1,508	-1,508
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	207.28	AUD	ORD	-325	-325
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-3,264	-3,264
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.28	AUD	ORD	-1,169	-1,169
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	207.45	AUD	ORD	95	95
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	207.45	AUD	ORD	60	60
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	207.45	AUD	ORD	48	48
12-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	207.45	AUD	ORD	2,601	2,601
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	AUD	ORD	-1,390	-1,390
12-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	22,378	22,378
12-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-27,001	-27,001
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.89	AUD	ORD	-385	-385
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-432	-432
13-Sep-19	BlackRock Advisors, LLC	on mkt sell	210.97	AUD	ORD	-773	-773
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-665	-665
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-597	-597
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-4,054	-4,054
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-654	-654
13-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	210.97	AUD	ORD	-342	-342
13-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	210.97	AUD	ORD	-939	-939
13-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	210.97	AUD	ORD	-290	-290
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-2,186	-2,186
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.97	AUD	ORD	-833	-833
13-Sep-19	BlackRock Advisors, LLC	on mkt sell	210.97	AUD	ORD	-206	-206
13-Sep-19	BlackRock Advisors, LLC	on mkt buy	210.99	AUD	ORD	683	683
13-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	210.99	AUD	ORD	410	410
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.99	AUD	ORD	191	191
13-Sep-19	BlackRock Advisors, LLC	on mkt buy	210.99	AUD	ORD	238	238
13-Sep-19	BlackRock Investment Management, LLC	on mkt buy	210.99	AUD	ORD	123	123
13-Sep-19	BlackRock Investment Management, LLC	on mkt sell	210.97	AUD	ORD	-69	-69
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	210.99	AUD	ORD	49	49
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	211.68	AUD	ORD	190	190
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	211.68	AUD	ORD	180	180
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	91	91
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64	64
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	456	456
13-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,178	-2,178
13-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,412	-67,412
13-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.30	AUD	ORD	-129	-129
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.44	AUD	ORD	-1,106	-1,106
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	207.44	AUD	ORD	-306	-306
16-Sep-19	BlackRock Investment Management, LLC	on mkt sell	207.44	AUD	ORD	-70	-70
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	184	184
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	180	180
16-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	45,333	45,333

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16-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	715	715
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.55	AUD	ORD	-78	-78
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.55	AUD	ORD	-112	-112
17-Sep-19	BlackRock Advisors, LLC	on mkt sell	208.55	AUD	ORD	-134	-134
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.55	AUD	ORD	-164	-164
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.55	AUD	ORD	-797	-797
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.55	AUD	ORD	-119	-119
17-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	208.55	AUD	ORD	-100	-100
17-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	208.55	AUD	ORD	-163	-163
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.55	AUD	ORD	-424	-424
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	209.30	AUD	ORD	76	76
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	209.30	AUD	ORD	54	54
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	209.30	AUD	ORD	81	81
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	209.30	AUD	ORD	76	76
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	209.30	AUD	ORD	-3,388	-3,388
17-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
17-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-12,086	-12,086
17-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,174	12,174
17-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-89	-89
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	209.27	AUD	ORD	-20	-20
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.27	AUD	ORD	715	715
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.27	AUD	ORD	593	593
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.27	AUD	ORD	1,083	1,083
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.27	AUD	ORD	101	101
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.27	AUD	ORD	245	245
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.87	AUD	ORD	62	62
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.87	AUD	ORD	74	74
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.87	AUD	ORD	73	73
18-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	208.47	AUD	ORD	-54	-54
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.77	AUD	ORD	50	50
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.77	AUD	ORD	60	60
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.77	AUD	ORD	48	48
18-Sep-19	BlackRock Investment Management, LLC	on mkt sell	208.77	AUD	ORD	-344	-344
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.77	AUD	ORD	-421	-421
18-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
18-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8,114	-8,114
18-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-57,507	-57,507
18-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-627	-627
19-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	208.90	AUD	ORD	-107	-107
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.90	AUD	ORD	48	48
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.90	AUD	ORD	81	81
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.83	AUD	ORD	637	637
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.16	AUD	ORD	462	462
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.16	AUD	ORD	95	95
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	208.16	AUD	ORD	-84	-84
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.16	AUD	ORD	84	84
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	208.16	AUD	ORD	-774	-774

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20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.16	AUD	ORD	299	299
20-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	208.16	AUD	ORD	-71	-71
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.16	AUD	ORD	-342	-342
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	208.16	AUD	ORD	-225	-225
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.16	AUD	ORD	335	335
20-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-128	-128
20-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-460	-460
23-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	207.18	AUD	ORD	-2,554	-2,554
23-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
23-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	518	518
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.81	AUD	ORD	76	76
24-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	210.08	AUD	ORD	96	96
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.08	AUD	ORD	-3,468	-3,468
24-Sep-19	BlackRock Investment Management, LLC	on mkt sell	210.08	AUD	ORD	-320	-320
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	210.08	AUD	ORD	-280	-280
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120	120
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,111	-6,111
24-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	25,211	25,211
24-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	19,709	19,709
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.39	AUD	ORD	90	90
25-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	208.28	AUD	ORD	-44	-44
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	207.85	AUD	ORD	550	550
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.39	AUD	ORD	18	18
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.38	AUD	ORD	1,849	1,849
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.35	AUD	ORD	288	288
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.35	AUD	ORD	133	133
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.35	AUD	ORD	133	133
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.45	AUD	ORD	594	594
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	208.45	AUD	ORD	-46	-46
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.45	AUD	ORD	54	54
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.45	AUD	ORD	95	95
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.45	AUD	ORD	-367	-367
25-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-392	-392
25-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-392	-392
25-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	114	114
25-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.08	AUD	ORD	136	136
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.08	AUD	ORD	661	661
26-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	205.08	AUD	ORD	159	159
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	205.08	AUD	ORD	228	228
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	204.80	AUD	ORD	613	613
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	204.80	AUD	ORD	927	927
26-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	204.80	AUD	ORD	-556	-556
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	204.80	AUD	ORD	1,796	1,796
26-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,365	-1,365

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected	Person's votes affected	
26-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
26-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-315	-315
26-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-525	-525
26-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	125	125
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	91	91
27-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	207.06	AUD	ORD	325	325
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	597	597
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	1,321	1,321
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	227	227
27-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	207.10	AUD	ORD	369	369
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	500	500
27-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.10	AUD	ORD	72	72
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.10	AUD	ORD	22	22
27-Sep-19	BlackRock Advisors, LLC	on mkt buy	207.37	AUD	ORD	466	466
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.37	AUD	ORD	151	151
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.37	AUD	ORD	679	679
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.37	AUD	ORD	163	163
27-Sep-19	BlackRock Fund Advisors	on mkt buy	207.37	AUD	ORD	778	778
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32	32
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	152	152
27-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-490	-490
27-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	106,211	106,211
27-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,797	4,797
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.85	AUD	ORD	55	55
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.85	AUD	ORD	124	124
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.92	AUD	ORD	1,033	1,033
30-Sep-19	BlackRock Fund Advisors	on mkt buy	207.92	AUD	ORD	203	203
30-Sep-19	BlackRock Investment Management, LLC	on mkt buy	207.92	AUD	ORD	156	156
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.15	AUD	ORD	660	660
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.15	AUD	ORD	225	225
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.15	AUD	ORD	129	129
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.15	AUD	ORD	-107	-107
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	208.15	AUD	ORD	-156	-156
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.15	AUD	ORD	-14	-14
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	208.15	AUD	ORD	1,290	1,290
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.15	AUD	ORD	119	119
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.15	AUD	ORD	3,503	3,503
30-Sep-19	BlackRock (Netherlands) B.V.	on mkt buy	208.15	AUD	ORD	32	32
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.15	AUD	ORD	585	585
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.15	AUD	ORD	284	284
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.15	AUD	ORD	636	636
30-Sep-19	BlackRock Fund Advisors	on mkt buy	208.15	AUD	ORD	556	556
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-315	-315
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-920	-920
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	135	135
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-980	-980
30-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-68,598	-68,598

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30-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	66,461	66,461
30-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,433	-2,433
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.81	AUD	ORD	365	365
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.81	AUD	ORD	934	934
01-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	211.81	AUD	ORD	267	267
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.81	AUD	ORD	428	428
01-Oct-19	BlackRock Advisors, LLC	on mkt buy	211.81	AUD	ORD	229	229
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.81	AUD	ORD	149	149
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.72	AUD	ORD	89	89
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.81	AUD	ORD	84	84
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.70	AUD	ORD	48	48
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	213.50	AUD	ORD	66	66
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	213.50	AUD	ORD	81	81
01-Oct-19	BlackRock Advisors, LLC	on mkt buy	213.50	AUD	ORD	236	236
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	213.50	AUD	ORD	29	29
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	180	180
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	256	256
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	256	256
01-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,667	-1,667
01-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,358	-2,358
01-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,241	2,241
02-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.33	AUD	ORD	47	47
02-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.60	AUD	ORD	135	135
02-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.60	AUD	ORD	34	34
02-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.60	AUD	ORD	33	33
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.95	AUD	ORD	60	60
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.95	AUD	ORD	60	60
02-Oct-19	BlackRock Fund Advisors	on mkt buy	207.95	AUD	ORD	713	713
02-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-17,300	-17,300
02-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-68,702	-68,702
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	69	69
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	318	318
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	230	230
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	301	301
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	204.59	AUD	ORD	171	171
03-Oct-19	BlackRock Advisors, LLC	on mkt buy	204.59	AUD	ORD	591	591
03-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.59	AUD	ORD	566	566
03-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.59	AUD	ORD	228	228
03-Oct-19	BlackRock International Limited	on mkt buy	204.59	AUD	ORD	376	376
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	431	431
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	2,098	2,098
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	109	109
03-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.59	AUD	ORD	214	214
03-Oct-19	BlackRock Advisors, LLC	on mkt buy	204.59	AUD	ORD	161	161
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	3,301	3,301
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	518	518
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	558	558

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03-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	204.59	AUD	ORD	377	377
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	204.59	AUD	ORD	296	296
03-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	204.59	AUD	ORD	231	231
03-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	204.59	AUD	ORD	167	167
03-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	204.59	AUD	ORD	841	841
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	1,535	1,535
03-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	204.59	AUD	ORD	632	632
03-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	205.09	AUD	ORD	210	210
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	205.36	AUD	ORD	-54	-54
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	205.36	AUD	ORD	512	512
03-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64	64
03-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,812	-4,812
03-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	2,571	2,571
04-Oct-19	BlackRock Advisors, LLC	on mkt buy	206.39	AUD	ORD	518	518
04-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.39	AUD	ORD	617	617
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	417	417
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	1,821	1,821
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	601	601
04-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	206.39	AUD	ORD	626	626
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	1,151	1,151
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	410	410
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	240	240
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	246	246
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.39	AUD	ORD	167	167
04-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.39	AUD	ORD	246	246
04-Oct-19	BlackRock International Limited	on mkt buy	206.39	AUD	ORD	349	349
04-Oct-19	BlackRock Advisors, LLC	on mkt buy	206.39	AUD	ORD	134	134
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	407	407
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.39	AUD	ORD	321	321
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.39	AUD	ORD	250	250
04-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.39	AUD	ORD	191	191
04-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	206.39	AUD	ORD	111	111
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	108	108
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	206.83	AUD	ORD	1,848	1,848
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	176	176
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.39	AUD	ORD	352	352
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.83	AUD	ORD	127	127
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-175	-175
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-210	-210
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	315	315
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-212	-212
04-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-5,003	-5,003
04-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
04-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-17,277	-17,277
07-Oct-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	2,905	2,905
07-Oct-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,775	1,775
07-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.02	AUD	ORD	158	158

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07-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.02	AUD	ORD	126	126
07-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.21	AUD	ORD	1,300	1,300
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	207.72	AUD	ORD	-316	-316
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	207.72	AUD	ORD	-16	-16
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.72	AUD	ORD	48	48
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.72	AUD	ORD	8	8
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	350	350
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	455	455
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-447	-447
07-Oct-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	447	447
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	190	190
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
07-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	5,686	5,686
07-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	11,666	11,666
08-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	208.71	AUD	ORD	-202	-202
08-Oct-19	BlackRock Advisors, LLC	on mkt sell	208.71	AUD	ORD	-353	-353
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.71	AUD	ORD	-92	-92
08-Oct-19	BlackRock Advisors, LLC	on mkt sell	208.71	AUD	ORD	-111	-111
08-Oct-19	BlackRock Investment Management, LLC	on mkt sell	208.71	AUD	ORD	-73	-73
08-Oct-19	BlackRock Advisors, LLC	on mkt buy	208.80	AUD	ORD	427	427
08-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.80	AUD	ORD	476	476
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	506	506
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	966	966
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	2,247	2,247
08-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	208.80	AUD	ORD	553	553
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	1,114	1,114
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.75	AUD	ORD	102	102
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	136	136
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	153	153
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.80	AUD	ORD	107	107
08-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.80	AUD	ORD	184	184
08-Oct-19	BlackRock International Limited	on mkt buy	208.80	AUD	ORD	217	217
08-Oct-19	BlackRock Advisors, LLC	on mkt buy	208.80	AUD	ORD	123	123
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	355	355
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	422	422
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.80	AUD	ORD	220	220
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.80	AUD	ORD	171	171
08-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.80	AUD	ORD	120	120
08-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	208.80	AUD	ORD	100	100
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	283	283
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.80	AUD	ORD	71	71
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.75	AUD	ORD	53	53
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.18	AUD	ORD	364	364
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.26	AUD	ORD	1,518	1,518
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	209.26	AUD	ORD	108	108
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.26	AUD	ORD	1,266	1,266
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	209.26	AUD	ORD	-3,384	-3,384

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08-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	152	152
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,454	-4,454
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	105	105
08-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6,878	-6,878
08-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	0	0
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.66	AUD	ORD	105	105
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.66	AUD	ORD	57	57
09-Oct-19	BlackRock Investment Management, LLC	on mkt buy	206.66	AUD	ORD	71	71
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.66	AUD	ORD	56	56
09-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	206.46	AUD	ORD	326	326
09-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	206.66	AUD	ORD	227	227
09-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	206.66	AUD	ORD	133	133
09-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	206.66	AUD	ORD	112	112
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.71	AUD	ORD	196	196
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.71	AUD	ORD	84	84
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.71	AUD	ORD	83	83
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	206.53	AUD	ORD	-440	-440
09-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	206.04	AUD	ORD	130	130
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	207.45	AUD	ORD	-522	-522
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	207.45	AUD	ORD	1,109	1,109
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	207.45	AUD	ORD	-1,129	-1,129
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	207.45	AUD	ORD	-378	-378
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-789	-789
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	180	180
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	190	190
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-789	-789
09-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	335	335
09-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	54,120	54,120
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.59	AUD	ORD	187	187
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	1,435	1,435
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	1,960	1,960
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	156	156
10-Oct-19	BlackRock Advisors, LLC	on mkt buy	206.26	AUD	ORD	555	555
10-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.26	AUD	ORD	533	533
10-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.26	AUD	ORD	213	213
10-Oct-19	BlackRock International Limited	on mkt buy	206.26	AUD	ORD	217	217
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	627	627
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	284	284
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	490	490
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.26	AUD	ORD	234	234
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.26	AUD	ORD	182	182
10-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	206.26	AUD	ORD	429	429
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	1,407	1,407
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	366	366
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	146	146
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	206.26	AUD	ORD	107	107
10-Oct-19	BlackRock Advisors, LLC	on mkt buy	206.26	AUD	ORD	115	115
10-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	206.26	AUD	ORD	87	87
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.26	AUD	ORD	80	80

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
10-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	206.26	AUD	ORD	72	72
10-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	206.31	AUD	ORD	70	70
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	205.75	AUD	ORD	96	96
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	205.75	AUD	ORD	81	81
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	205.75	AUD	ORD	254	254
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	205.75	AUD	ORD	-474	-474
10-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	0	0
10-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,981	12,981
11-Oct-19	BlackRock Advisors, LLC	on mkt buy	207.45	AUD	ORD	806	806
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.45	AUD	ORD	1,169	1,169
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.45	AUD	ORD	463	463
11-Oct-19	BlackRock International Limited	on mkt buy	207.45	AUD	ORD	459	459
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	619	619
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	2,156	2,156
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	2,588	2,588
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	387	387
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	1,043	1,043
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.45	AUD	ORD	511	511
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.45	AUD	ORD	404	404
11-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	207.45	AUD	ORD	599	599
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	1,868	1,868
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	552	552
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	279	279
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	204	204
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.45	AUD	ORD	255	255
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	167	167
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.45	AUD	ORD	250	250
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.45	AUD	ORD	163	163
11-Oct-19	BlackRock Advisors, LLC	on mkt buy	207.45	AUD	ORD	129	129
11-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	207.45	AUD	ORD	129	129
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.45	AUD	ORD	142	142
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.45	AUD	ORD	128	128
11-Oct-19	BlackRock Investment Management, LLC	on mkt buy	207.45	AUD	ORD	80	80
11-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	207.45	AUD	ORD	118	118
11-Oct-19	BlackRock Investment Management, LLC	on mkt buy	207.45	AUD	ORD	88	88
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	207.45	AUD	ORD	77	77
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.80	AUD	ORD	51	51
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.75	AUD	ORD	11	11
11-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	207.60	AUD	ORD	180	180
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	207.16	AUD	ORD	48	48
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	207.16	AUD	ORD	-28	-28
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	207.16	AUD	ORD	-36	-36
11-Oct-19	BlackRock Advisors, LLC	on mkt buy	207.16	AUD	ORD	174	174
11-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	207.16	AUD	ORD	62	62
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64	64
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	600	600

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
11-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	15,450	15,450
11-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,278	1,278
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,408	1,408
14-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.33	AUD	ORD	83	83
14-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	209.73	AUD	ORD	569	569
14-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.52	AUD	ORD	96	96
14-Oct-19	BlackRock Investment Management, LLC	on mkt sell	208.52	AUD	ORD	-133	-133
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-392	-392
14-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,198	1,198
14-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,196	-1,196
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64	64
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6	6
15-Oct-19	BlackRock Advisors, LLC	on mkt buy	211.22	AUD	ORD	941	941
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	859	859
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	2,731	2,731
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	435	435
15-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	211.22	AUD	ORD	670	670
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	1,436	1,436
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	290	290
15-Oct-19	BlackRock International Limited	on mkt buy	211.22	AUD	ORD	218	218
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	334	334
15-Oct-19	BlackRock Advisors, LLC	on mkt buy	211.22	AUD	ORD	170	170
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	211.22	AUD	ORD	236	236
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	211.22	AUD	ORD	186	186
15-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	211.22	AUD	ORD	228	228
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	306	306
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	139	139
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	211.22	AUD	ORD	111	111
15-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	211.22	AUD	ORD	71	71
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	211.55	AUD	ORD	-147	-147
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	211.55	AUD	ORD	-108	-108
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	211.55	AUD	ORD	32	32
15-Oct-19	BlackRock Fund Advisors	on mkt sell	211.55	AUD	ORD	-711	-711
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32	32
15-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,678	-1,678
15-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	760	760
16-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	213.66	AUD	ORD	378	378
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	214.01	AUD	ORD	4	4
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	213.61	AUD	ORD	3,985	3,985
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	214.01	AUD	ORD	2	2
16-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	213.67	AUD	ORD	246	246
16-Oct-19	BlackRock Investment Management, LLC	on mkt buy	213.67	AUD	ORD	242	242
16-Oct-19	BlackRock Investment Management, LLC	on mkt buy	213.67	AUD	ORD	122	122
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.67	AUD	ORD	110	110
16-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	213.67	AUD	ORD	107	107
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.67	AUD	ORD	78	78
16-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	213.67	AUD	ORD	71	71
16-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	213.67	AUD	ORD	77	77
16-Oct-19	BlackRock Investment Management, LLC	on mkt buy	213.67	AUD	ORD	96	96
16-Oct-19	BlackRock Japan Co., Ltd.	on mkt buy	213.66	AUD	ORD	70	70
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.63	AUD	ORD	1,028	1,028

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.63	AUD	ORD	317	317
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.63	AUD	ORD	316	316
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	213.80	AUD	ORD	26	26
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	213.80	AUD	ORD	252	252
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	213.80	AUD	ORD	120	120
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	213.64	AUD	ORD	139	139
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	213.80	AUD	ORD	72	72
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	213.80	AUD	ORD	60	60
16-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	213.80	AUD	ORD	-43	-43
16-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	225	225
16-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-67	-67
16-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-544	-544
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	1,035	1,035
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	1,555	1,555
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	613	613
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	1,183	1,183
17-Oct-19	BlackRock Advisors, LLC	on mkt buy	210.52	AUD	ORD	478	478
17-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	210.52	AUD	ORD	612	612
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	377	377
17-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	210.52	AUD	ORD	493	493
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	278	278
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	302	302
17-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	210.52	AUD	ORD	254	254
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	210.52	AUD	ORD	245	245
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	210.52	AUD	ORD	197	197
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	133	133
17-Oct-19	BlackRock Advisors, LLC	on mkt buy	210.52	AUD	ORD	183	183
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	114	114
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	210.52	AUD	ORD	126	126
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	210.52	AUD	ORD	104	104
17-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	210.52	AUD	ORD	89	89
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	210.13	AUD	ORD	-244	-244
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	213.74	AUD	ORD	273	273
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	209.13	AUD	ORD	195	195
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	209.13	AUD	ORD	32	32
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	209.13	AUD	ORD	13	13
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	209.13	AUD	ORD	56	56
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	540	540
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	152	152
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	152	152
17-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-66,365	-66,365
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	147	147
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	124	124
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.99	AUD	ORD	110	110
18-Oct-19	BlackRock Advisors, LLC	on mkt buy	208.99	AUD	ORD	692	692
18-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.99	AUD	ORD	478	478
18-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.99	AUD	ORD	185	185
18-Oct-19	BlackRock International Limited	on mkt buy	208.99	AUD	ORD	218	218
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	230	230

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	1,241	1,241
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	112	112
18-Oct-19	BlackRock Advisors, LLC	on mkt buy	208.99	AUD	ORD	146	146
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	2,381	2,381
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	338	338
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	424	424
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.99	AUD	ORD	241	241
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.99	AUD	ORD	191	191
18-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	208.99	AUD	ORD	112	112
18-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.99	AUD	ORD	81	81
18-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	208.99	AUD	ORD	94	94
18-Oct-19	BlackRock Asset Management Canada Limited	on mkt buy	208.99	AUD	ORD	508	508
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	1,155	1,155
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	208.99	AUD	ORD	300	300
18-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	209.23	AUD	ORD	16,923	16,923
18-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	209.23	AUD	ORD	8,847	8,847
18-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	208.99	AUD	ORD	37	37
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	208.77	AUD	ORD	325	325
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.77	AUD	ORD	36	36
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.77	AUD	ORD	48	48
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	208.77	AUD	ORD	252	252
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.77	AUD	ORD	-362	-362
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	208.77	AUD	ORD	-6,738	-6,738
18-Oct-19	BlackRock Asset Management Canada Limited	on mkt sell	208.77	AUD	ORD	-195	-195
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	512	512
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-460	-460
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-490	-490
18-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	335	335
18-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	65,842	65,842

22-Oct-19
Maria Tricarico,
Authorised Signatory
Date

4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,005	3,005	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 7,752	7,752	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) Limited	SSB-STATE STREET SINGAPORE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 824	824	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 79,823	79,823	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 80,587	80,587	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 12,786	12,786	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 226,107	226,107	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,157	1,157	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,314	3,314	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 18,494	18,494	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,895	1,895	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 39,135	39,135	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 29,159	29,159	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 463	463	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 31,919	31,919	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 402	402	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	RBC-ROYAL TRUST - TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,425	1,425	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 22,856	22,856	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 11,244	11,244	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	CITI-CITIBANK, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 202	202	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,114	1,114	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 82	82	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BLACKROCK FINANCIAL MANAGEMENT, INC.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,357	1,357	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 14,639	14,639	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,991	1,991	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 6,946	6,946	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	Mitsubishi UFJ Investor Services & Banking Lux S.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,265	1,265	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 7,597	7,597	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 10,206	10,206	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 39,365	39,365	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	SSB-STATE STREET BANK & TRUST TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 507	507	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 9,808	9,808	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 2,486	2,486	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 866,271	866,271	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 107,912	107,912	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 4,932	4,932	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,536	3,536	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CS-CREDIT SUISSE PRIME BROKERAGE - ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 645	645	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,001,445	1,001,445	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,010	1,010	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 12,492	12,492	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB BOSTON INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 4,131	4,131	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 59,871	59,871	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 4,068	4,068	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,174	1,174	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 163	163	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 7,335	7,335	Subsidiary of BlackRock, Inc.
BlackRock International Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 15,319	15,319	Subsidiary of BlackRock, Inc.
BlackRock International Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 22,258	22,258	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 73,693	73,693	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 122,760	122,760	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 216,329	216,329	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 51,830	51,830	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 21,928	21,928	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	AP7		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 26,468	26,468	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LUX		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 247	247	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP-BNP Paribas Milan		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,602	3,602	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 32,040	32,040	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 28,678	28,678	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 94,960	94,960	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CREDIT SUISSE (ZURICH)		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,751	3,751	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 54,691	54,691	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 2,010	2,010	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,341	1,341	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	KAS-KAS BANK - AMSTERDAM		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 14,761	14,761	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,318	3,318	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 100,222	100,222	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (UK) Limited	SEB-SKANDINAVISKA ENSKILDA BANKEN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,418	2,418	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,750	2,750	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	13,949	13,949	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,771	2,771	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,862	3,862	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	52,387	52,387	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,253	2,253	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	33,548	33,548	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BOA-MERRILL LYNCH SMA		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ADR .5:1	16	8	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 35,664	35,664	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,733	1,733	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 427	427	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 4,252	4,252	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 2,639	2,639	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	UNION BANK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,943	1,943	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,552	1,552	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 44,627	44,627	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 19,327	19,327	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Japan Co., Ltd.	MITSUI-SUMITOMO TRUST		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 5,936	5,936	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-State Street Bank And Trust Co.		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 47,731	47,731	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 805	805	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		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.	ORD 24,104	24,104	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		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.	ORD 30,285	30,285	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		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.	ORD 5,429	5,429	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		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 responsible entity.	ORD 169,852	169,852	Subsidiary of BlackRock, Inc.

This is Annexure C of 1 page referred to in form 604 Notice of change of interests of substantial shareholder

22-Oct-19

Maria Tricarico,
Authorised Signatory

Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 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	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**