

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme COMPUTERSHARE LTD

ACN/ARSN 005 485 825

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 31 / 12 / 2019

The previous notice was given to the company on 30 / 11 / 2018

The previous notice was dated 28 / 11 / 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	27,152,616	5.00	32,469,375	6.00

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 03 / 01 / 2020

* 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 86 pages referred to in form 604 Notice of change of interests of substantial shareholder

03-Jan-20

Maria Tricarico,
 Authorised Signatory

Date

5. Consideration

COMPUTERSHARE LTD (CPU)

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		
29-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.47	AUD	ORD	584	584
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.45	AUD	ORD	3,054	3,054
29-Nov-18	BlackRock Advisors, LLC	on mkt sell	18.45	AUD	ORD	-32,560	-32,560
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,380	4,380
29-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	148,841	148,841
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.43	AUD	ORD	94	94
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.43	AUD	ORD	397	397
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	18.39	AUD	ORD	3	3
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.39	AUD	ORD	2	2
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.39	AUD	ORD	2	2
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Advisors, LLC	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Advisors, LLC	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	9	9
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.39	AUD	ORD	4	4
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.39	AUD	ORD	4	4
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.39	AUD	ORD	3	3
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.39	AUD	ORD	3	3
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	1	1
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.39	AUD	ORD	2	2
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	3,350	3,350
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	2,288	2,288
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	18.26	AUD	ORD	6,446	6,446
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.26	AUD	ORD	1,303	1,303
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	1,397	1,397
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.26	AUD	ORD	4,844	4,844
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.26	AUD	ORD	2,198	2,198
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.26	AUD	ORD	5,074	5,074
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.26	AUD	ORD	1,926	1,926
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.26	AUD	ORD	1,928	1,928
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.26	AUD	ORD	3,019	3,019
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.26	AUD	ORD	2,666	2,666
30-Nov-18	BlackRock Advisors, LLC	on mkt buy	18.26	AUD	ORD	1,466	1,466
30-Nov-18	BlackRock Advisors, LLC	on mkt buy	18.26	AUD	ORD	3,292	3,292

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		
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.26	AUD	ORD	16,879	16,879
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.26	AUD	ORD	5,622	5,622
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	18.26	AUD	ORD	1,080	1,080
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.26	AUD	ORD	1,225	1,225
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	23,107	23,107
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	2,782	2,782
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.26	AUD	ORD	9,058	9,058
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	2,727	2,727
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	14,815	14,815
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.26	AUD	ORD	1,687	1,687
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.26	AUD	ORD	10,685	10,685
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.26	AUD	ORD	8,370	8,370
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.26	AUD	ORD	8,276	8,276
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.26	AUD	ORD	1,186	1,186
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	18.26	AUD	ORD	1,926	1,926
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	1,110	1,110
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	2,791	2,791
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	4,159	4,159
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.26	AUD	ORD	1,075	1,075
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	792	792
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.26	AUD	ORD	922	922
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.26	AUD	ORD	224	224
30-Nov-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.24	AUD	ORD	2,287	2,287
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.24	AUD	ORD	4,752	4,752
30-Nov-18	BlackRock International Limited	on mkt buy	18.24	AUD	ORD	8,025	8,025
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	18.24	AUD	ORD	9,235	9,235
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.15	AUD	ORD	-21,753	-21,753
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	4,270	4,270
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,268	1,268
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.15	AUD	ORD	-4,993	-4,993
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.15	AUD	ORD	243	243
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.15	AUD	ORD	1,755	1,755
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.15	AUD	ORD	51,010	51,010
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	18.15	AUD	ORD	-50,220	-50,220
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,683	1,683
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	5,047	5,047
30-Nov-18	BlackRock International Limited	on mkt buy	18.15	AUD	ORD	2,737	2,737
30-Nov-18	BlackRock International Limited	on mkt buy	18.15	AUD	ORD	911	911
30-Nov-18	BlackRock Fund Advisors	on mkt buy	18.15	AUD	ORD	2,053	2,053
30-Nov-18	BlackRock Fund Advisors	on mkt buy	18.15	AUD	ORD	6,156	6,156
30-Nov-18	BlackRock Fund Advisors	on mkt sell	18.15	AUD	ORD	-1,920	-1,920
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	499	499
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,500	1,500
30-Nov-18	BlackRock Fund Advisors	on mkt buy	18.15	AUD	ORD	1,388	1,388
30-Nov-18	BlackRock Fund Advisors	on mkt buy	18.15	AUD	ORD	462	462
30-Nov-18	BlackRock Fund Advisors	on mkt buy	18.15	AUD	ORD	1,295	1,295
30-Nov-18	BlackRock Fund Advisors	on mkt buy	18.15	AUD	ORD	3,889	3,889
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.15	AUD	ORD	288	288
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.15	AUD	ORD	95	95
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.15	AUD	ORD	2,075	2,075
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.15	AUD	ORD	690	690
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.15	AUD	ORD	20,100	20,100

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		
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.15	AUD	ORD	60,286	60,286
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	18.15	AUD	ORD	-1,959	-1,959
30-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-59,994	-59,994
30-Nov-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
03-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.44	AUD	ORD	4,771	4,771
03-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.44	AUD	ORD	2,311	2,311
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	18.44	AUD	ORD	-29,457	-29,457
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.50	AUD	ORD	33,208	33,208
03-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-36,006	-36,006
03-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.45	AUD	ORD	2,439	2,439
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	18.31	AUD	ORD	11,305	11,305
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.35	AUD	ORD	2,211	2,211
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.35	AUD	ORD	1,256	1,256
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	2,331	2,331
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.31	AUD	ORD	3,425	3,425
04-Dec-18	BlackRock Investment Management, LLC	on mkt buy	18.33	AUD	ORD	4,650	4,650
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.33	AUD	ORD	958	958
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.31	AUD	ORD	8,311	8,311
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	756	756
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	1,935	1,935
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	18.33	AUD	ORD	4,942	4,942
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	18.33	AUD	ORD	1,531	1,531
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	18.33	AUD	ORD	3,786	3,786
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	18.33	AUD	ORD	1,748	1,748
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	18.33	AUD	ORD	1,969	1,969
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	18.33	AUD	ORD	2,387	2,387
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	18.33	AUD	ORD	2,085	2,085
04-Dec-18	BlackRock Advisors, LLC	on mkt buy	18.33	AUD	ORD	3,337	3,337
04-Dec-18	BlackRock Advisors, LLC	on mkt buy	18.33	AUD	ORD	3,908	3,908
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.33	AUD	ORD	1,000	1,000
04-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	18.33	AUD	ORD	1,481	1,481
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.33	AUD	ORD	16,638	16,638
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.33	AUD	ORD	7,889	7,889
04-Dec-18	BlackRock Investment Management, LLC	on mkt buy	18.33	AUD	ORD	1,099	1,099
04-Dec-18	BlackRock International Limited	on mkt buy	18.31	AUD	ORD	10,574	10,574
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.33	AUD	ORD	1,097	1,097
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	22,907	22,907
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	2,576	2,576
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.33	AUD	ORD	7,423	7,423
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	8,184	8,184
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	2,379	2,379
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	18.33	AUD	ORD	14,417	14,417
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	18.33	AUD	ORD	1,740	1,740
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	18.33	AUD	ORD	12,316	12,316
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	18.33	AUD	ORD	9,667	9,667
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	18.33	AUD	ORD	5,586	5,586
04-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	18.33	AUD	ORD	1,575	1,575
04-Dec-18	BlackRock Investment Management, LLC	on mkt buy	18.33	AUD	ORD	1,260	1,260

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
04-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,385	2,385
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 793	793
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,849	6,849
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,235	6,235
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 206	206
04-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 507	507
04-Dec-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -735	-735
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 145	145
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,008	-1,008
04-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 4,015	4,015
05-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,322	-3,322
05-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,385	6,385
05-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,236	2,236
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,406	6,406
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 922	922
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,834	5,834
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 13,009	13,009
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,859	4,859
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,072	10,072
05-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 24,484	24,484
05-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 50,120	50,120
06-Dec-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 426,930	426,930
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 947	947
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 901	901
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,942	1,942
06-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,873	6,873
06-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,695	1,695
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,233	1,233
06-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 866	866
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 15,095	15,095
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 5,588	5,588
06-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,333	1,333
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 21,895	21,895
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,487	2,487
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,225	3,225
06-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 768	768
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,129	6,129
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,751	1,751
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 13,438	13,438
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 7,748	7,748
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,069	6,069
06-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,482	1,482
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,898	4,898
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,771	3,771
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 745	745
06-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 452	452

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-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 6,897	6,897
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 9,996	9,996
06-Dec-18	BlackRock International Limited	on mkt buy	AUD	ORD 24,849	24,849
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,158	2,158
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,055	2,055
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 4,426	4,426
06-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 11,929	11,929
06-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 3,866	3,866
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 2,811	2,811
06-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,973	1,973
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 34,401	34,401
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 12,733	12,733
06-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 3,039	3,039
06-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,041	1,041
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 49,897	49,897
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,669	5,669
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 7,349	7,349
06-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,750	1,750
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 13,967	13,967
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,990	3,990
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 30,627	30,627
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 17,656	17,656
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 13,830	13,830
06-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,700	1,700
06-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,379	3,379
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,161	11,161
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 8,593	8,593
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,060	-4,060
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,956	6,956
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,160	1,160
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,879	1,879
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,662	4,662
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD -1,995	-1,995
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 5,475	5,475
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 5,212	5,212
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,565	1,565
06-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 16,832	16,832
06-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -102,967	-102,967
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,476	5,476
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,239	1,239
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,821	3,821
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 463	463
07-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 446	446
07-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 109	109
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,618	3,618
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -98	-98
07-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 5,475	5,475
07-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD -1,995	-1,995
07-Dec-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -5,701	-5,701
07-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 6	6
10-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,073	4,073

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10-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,136	1,136
10-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 11,051	11,051
10-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,840	2,840
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,039	-3,039
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 810	810
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD -665	-665
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD -665	-665
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 6,515	6,515
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 980	980
10-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,299	1,299
10-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -6	-6
10-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 6	6
11-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 4,143	4,143
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,225	5,225
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,070	3,070
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 16,612	16,612
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 15,133	15,133
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 9,405	9,405
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,400	2,400
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 5,466	5,466
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 4,497	4,497
11-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 7,598	7,598
11-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,755	2,755
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 23,574	23,574
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 8,546	8,546
11-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,200	2,200
11-Dec-18	BlackRock International Limited	on mkt buy	AUD	ORD 13,908	13,908
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 40,048	40,048
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 4,615	4,615
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,939	11,939
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,529	3,529
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 21,281	21,281
11-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 4,603	4,603
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 11,695	11,695
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 9,153	9,153
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 14,900	14,900
11-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,470	3,470
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 9,952	9,952
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 7,418	7,418
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,712	1,712
11-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,311	1,311
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 607	607
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,877	1,877
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,252	1,252
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,082	1,082
11-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,081	2,081
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,788	1,788
11-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,715	1,715
11-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,150	1,150
11-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,507	1,507
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,607	1,607
11-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,059	1,059
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 607	607
11-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,590	3,590

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11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,269	1,269
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 584	584
11-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 239	239
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,680	5,680
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,016	2,016
11-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 4,380	4,380
11-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -6	-6
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,628	2,628
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,281	1,281
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 51,971	51,971
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,265	4,265
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 11,544	11,544
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,185	2,185
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 735	735
12-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 723	723
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 564	564
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -432	-432
12-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 4,745	4,745
12-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 3,285	3,285
12-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,530	1,530
12-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 700	700
12-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 420	420
12-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD 5,475	5,475
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 10,554	10,554
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 889	889
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,495	1,495
13-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,702	2,702
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,892	1,892
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,244	1,244
13-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,795	1,795
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 3,806	3,806
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,057	1,057
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,206	1,206
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,242	2,242
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,906	1,906
13-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 6,236	6,236
13-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,495	2,495
13-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 921	921
13-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,384	1,384
13-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 11,725	11,725
13-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 4,174	4,174
13-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,199	1,199
13-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,442	1,442
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 29,216	29,216
13-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,278	3,278
13-Dec-18	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,475	1,475
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,976	11,976
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,460	3,460
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 10,894	10,894
13-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,611	1,611
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,439	6,439
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 5,042	5,042

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13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	6,491	6,491
13-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	1,575	1,575
13-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	2,862	2,862
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	9,666	9,666
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	4,715	4,715
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	606	606
13-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	653	653
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	508	508
13-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	453	453
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	208	208
13-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	623	623
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	770	770
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	198	198
13-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	2,271	2,271
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	7,785	7,785
13-Dec-18	BlackRock International Limited	on mkt buy	AUD	ORD	11,573	11,573
13-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	5,775	5,775
13-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-6,312	-6,312
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD	-6,464	-6,464
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD	6,464	6,464
13-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	6	6
14-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-10,229	-10,229
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-32,616	-32,616
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-3,951	-3,951
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-5,880	-5,880
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-14,001	-14,001
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,628	-3,628
14-Dec-18	BlackRock International Limited	on mkt sell	AUD	ORD	-6,895	-6,895
14-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-24,890	-24,890
14-Dec-18	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-9,097	-9,097
14-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-6,077	-6,077
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,465	-3,465
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,128	1,128
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,139	1,139
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-4,044	-4,044
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-2,632	-2,632
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	146	146
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	7,468	7,468
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,606	-1,606
14-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	10,950	10,950
14-Dec-18	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-1,305	-1,305
14-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	4,156	4,156
14-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-6	-6
17-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-665	-665
17-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	3,285	3,285
17-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-665	-665
17-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	2,598	2,598
17-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	4,156	4,156
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-7,098	-7,098
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,707	1,707
18-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	1,981	1,981
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,921	1,921
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,360	1,360

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18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.19	AUD	ORD	2,011	2,011
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.19	AUD	ORD	790	790
18-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	17.19	AUD	ORD	1,185	1,185
18-Dec-18	BlackRock Advisors, LLC	on mkt buy	17.19	AUD	ORD	2,622	2,622
18-Dec-18	BlackRock Advisors, LLC	on mkt buy	17.19	AUD	ORD	1,466	1,466
18-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	17.19	AUD	ORD	1,185	1,185
18-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.19	AUD	ORD	6,868	6,868
18-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.19	AUD	ORD	2,431	2,431
18-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	17.19	AUD	ORD	947	947
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	10,970	10,970
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	1,052	1,052
18-Dec-18	BlackRock Advisors, LLC	on mkt buy	17.19	AUD	ORD	790	790
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	3,512	3,512
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	5,749	5,749
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.19	AUD	ORD	1,702	1,702
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.19	AUD	ORD	1,331	1,331
18-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.19	AUD	ORD	1,232	1,232
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	2,437	2,437
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	2,339	2,339
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	158	158
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.21	AUD	ORD	-1,337	-1,337
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.18	AUD	ORD	-1,146	-1,146
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.18	AUD	ORD	146	146
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.18	AUD	ORD	-108	-108
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.18	AUD	ORD	-25,172	-25,172
18-Dec-18	BlackRock Fund Advisors	on mkt sell	17.18	AUD	ORD	-15,624	-15,624
18-Dec-18	BlackRock Fund Advisors	on mkt sell	17.18	AUD	ORD	-540	-540
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.18	AUD	ORD	-1,607	-1,607
18-Dec-18	BlackRock Fund Advisors	on mkt sell	17.18	AUD	ORD	-25,347	-25,347
18-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-665	-665
18-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,187	-22,187
18-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	732,037	732,037
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	17.08	AUD	ORD	7,436	7,436
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	17.06	AUD	ORD	7,162	7,162
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.06	AUD	ORD	9,728	9,728
19-Dec-18	BlackRock Advisors, LLC	on mkt buy	17.06	AUD	ORD	10,942	10,942
19-Dec-18	BlackRock Investment Management, LLC	on mkt buy	17.06	AUD	ORD	39,798	39,798
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	17.06	AUD	ORD	10,704	10,704
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.06	AUD	ORD	8,722	8,722
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.06	AUD	ORD	16,603	16,603
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.06	AUD	ORD	1,075	1,075
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.06	AUD	ORD	18,528	18,528
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.06	AUD	ORD	5,665	5,665
19-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.06	AUD	ORD	5,613	5,613
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.06	AUD	ORD	-2,026	-2,026
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.06	AUD	ORD	-2,280	-2,280
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.06	AUD	ORD	-196	-196
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.06	AUD	ORD	-214	-214
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.06	AUD	ORD	-1,330	-1,330
19-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-665	-665
19-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,914	6,914
20-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.98	AUD	ORD	29,156	29,156
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.76	AUD	ORD	-212	-212
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.76	AUD	ORD	-318	-318
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.76	AUD	ORD	427	427

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20-Dec-18	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-3,540	-3,540
20-Dec-18	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	7,292	7,292
20-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD	5,029	5,029
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	9,131	9,131
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	3,200	3,200
20-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	3,303	3,303
20-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD	7,074	7,074
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-3,087	-3,087
20-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-665	-665
20-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-1,995	-1,995
20-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	5,164	5,164
20-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-8,168	-8,168
20-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-738,951	-738,951
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	32,668	32,668
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	20,028	20,028
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-945	-945
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-4,124	-4,124
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	63	63
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-432	-432
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	3,740	3,740
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	8,851	8,851
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	12,052	12,052
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	10,685	10,685
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	6,205	6,205
21-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD	5,168	5,168
21-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD	4,600	4,600
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	2,605	2,605
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	2,686	2,686
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-7,664	-7,664
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	4,455	4,455
21-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	4,380	4,380
21-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	7,180	7,180
21-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	1,465	1,465
24-Dec-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD	2,651	2,651
24-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	-682	-682
24-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	10,950	10,950
24-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	200	200
24-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	760,262	760,262
24-Dec-18	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD	19	19
24-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	17,411	17,411
24-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD	92	92
25-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-760,262	-760,262
25-Dec-18	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD	-19	-19
25-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	-17,411	-17,411
25-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD	-92	-92
26-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	4,156	4,156
26-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	5,164	5,164
26-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	19,672	19,672
26-Dec-18	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD	21	21
26-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	17,404	17,404
26-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD	97	97
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	124,681	124,681
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	52,751	52,751
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-39,871	-39,871
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-33,069	-33,069
27-Dec-18	BlackRock Fund Advisors	in specie	AUD	ORD	9,037	9,037

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27-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,119	5,119
27-Dec-18	BlackRock Capital Management, Inc.	collateral transfer	n/a	AUD	ORD	-21	-21
27-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-10,161	-10,161
27-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-97	-97
28-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	16.99	AUD	ORD	2,634	2,634
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.05	AUD	ORD	-324	-324
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.05	AUD	ORD	-1,030	-1,030
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.05	AUD	ORD	-1,030	-1,030
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.05	AUD	ORD	-294	-294
28-Dec-18	BlackRock Investment Management, LLC	on mkt buy	17.05	AUD	ORD	1,072	1,072
28-Dec-18	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.05	AUD	ORD	52,149	52,149
28-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.05	AUD	ORD	11,517	11,517
28-Dec-18	BlackRock Advisors, LLC	on mkt sell	17.05	AUD	ORD	-589	-589
28-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
28-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-352	-352
28-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-148	-148
31-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.19	AUD	ORD	-1,323	-1,323
31-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.19	AUD	ORD	-85,191	-85,191
31-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.19	AUD	ORD	2,783	2,783
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,364	-1,364
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,120	1,120
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,156	6,156
31-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,566	-4,566
02-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.02	AUD	ORD	34,910	34,910
02-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.02	AUD	ORD	70,494	70,494
02-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.00	AUD	ORD	209	209
02-Jan-19	BlackRock Advisors, LLC	on mkt sell	17.00	AUD	ORD	-998	-998
02-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.00	AUD	ORD	9,932	9,932
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,268	-7,268
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,156	6,156
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,234	6,234
02-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,010	-7,010
02-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	730,044	730,044
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	16.99	AUD	ORD	-3,063	-3,063
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	16.99	AUD	ORD	6,736	6,736
03-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	16.99	AUD	ORD	2,406	2,406
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.99	AUD	ORD	5,181	5,181
03-Jan-19	BlackRock International Limited	on mkt buy	16.99	AUD	ORD	7,360	7,360
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.99	AUD	ORD	81,641	81,641
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.00	AUD	ORD	65,406	65,406
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.00	AUD	ORD	9,788	9,788
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.00	AUD	ORD	52,870	52,870
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.98	AUD	ORD	2,178	2,178
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.00	AUD	ORD	1,459	1,459
03-Jan-19	BlackRock Investment Management, LLC	on mkt buy	17.00	AUD	ORD	3,029	3,029
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.00	AUD	ORD	1,501	1,501
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.00	AUD	ORD	3,050	3,050
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.00	AUD	ORD	29,594	29,594
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.00	AUD	ORD	5,118	5,118
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.00	AUD	ORD	1,160	1,160
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.00	AUD	ORD	3,070	3,070
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.00	AUD	ORD	2,769	2,769
03-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.00	AUD	ORD	3,411	3,411
03-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.00	AUD	ORD	1,504	1,504
03-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.00	AUD	ORD	1,393	1,393

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03-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	1,913	1,913
03-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	15,106	15,106
03-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	5,050	5,050
03-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	1,174	1,174
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	2,036	2,036
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	41,555	41,555
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	3,599	3,599
03-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	3,046	3,046
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	11,513	11,513
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	2,611	2,611
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	14,072	14,072
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	2,733	2,733
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	6,068	6,068
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	4,709	4,709
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	8,604	8,604
03-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	1,340	1,340
03-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	3,564	3,564
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	7,707	7,707
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	5,333	5,333
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	577	577
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	577	577
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	719	719
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	1,066	1,066
03-Jan-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD	702	702
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,055	1,055
03-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	577	577
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	466	466
03-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	122	122
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	4,156	4,156
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	420	420
03-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	-11	-11
03-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	-730,728	-730,728
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	737	737
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	903	903
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	36,075	36,075
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	4,995	4,995
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	4,361	4,361
04-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD	-1,659	-1,659
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-1,311	-1,311
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-588	-588
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	2,888	2,888
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	115,486	115,486
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	3,285	3,285
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	5,085	5,085
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	2,248	2,248
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	420	420
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	2,598	2,598
04-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	-6	-6
04-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	-284,811	-284,811

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07-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 931	931
07-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 699	699
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,120	-4,120
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -5,150	-5,150
07-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 37,013	37,013
07-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 25,449	25,449
07-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD -682	-682
07-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 4,060	4,060
07-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -3	-3
07-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -15	-15
08-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 65,764	65,764
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,939	1,939
08-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 3,635	3,635
08-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 940	940
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,217	2,217
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,672	3,672
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,076	1,076
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 4,132	4,132
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,038	1,038
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,118	1,118
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,488	2,488
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,368	2,368
08-Jan-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 7,136	7,136
08-Jan-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,841	2,841
08-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,578	1,578
08-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,153	2,153
08-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 10,379	10,379
08-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,554	3,554
08-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,044	1,044
08-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,453	1,453
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 38,365	38,365
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,951	3,951
08-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,418	3,418
08-Jan-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,586	1,586
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,574	11,574
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,079	3,079
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 9,109	9,109
08-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,322	2,322
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 7,082	7,082
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 5,563	5,563
08-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 8,619	8,619
08-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,838	1,838
08-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,276	3,276
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 906	906
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 10,056	10,056
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,575	3,575
08-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 841	841
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 817	817
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 634	634
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 735	735
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 450	450

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08-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.07	AUD	ORD	10,516	10,516
08-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.07	AUD	ORD	586	586
08-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.07	AUD	ORD	2,805	2,805
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.07	AUD	ORD	6,629	6,629
08-Jan-19	BlackRock International Limited	on mkt buy	17.07	AUD	ORD	7,616	7,616
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.07	AUD	ORD	246	246
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,582	1,582
08-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5	-5
08-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-19	-19
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	470	470
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	60	60
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	496	496
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	514	514
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	198	198
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.25	AUD	ORD	161	161
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.25	AUD	ORD	111	111
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.43	AUD	ORD	26,998	26,998
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.43	AUD	ORD	8,910	8,910
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.43	AUD	ORD	8,350	8,350
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.49	AUD	ORD	1,491	1,491
09-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.49	AUD	ORD	3,038	3,038
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.44	AUD	ORD	513	513
09-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.44	AUD	ORD	356	356
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	48,148	48,148
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	6,152	6,152
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	50,789	50,789
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	52,495	52,495
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	20,250	20,250
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,216	-3,216
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,268	-7,268
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,268	-7,268
09-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
09-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
10-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.35	AUD	ORD	30,677	30,677
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.36	AUD	ORD	2,082	2,082
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.38	AUD	ORD	384	384
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.38	AUD	ORD	1,737	1,737
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,732	1,732
10-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
10-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
11-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	40,847	40,847
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.25	AUD	ORD	1,041	1,041
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.25	AUD	ORD	1,039	1,039
11-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.25	AUD	ORD	1,925	1,925
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.25	AUD	ORD	760	760
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,164	-5,164
11-Jan-19	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-24,844	-24,844
11-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,084	-2,084
11-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3	-3
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	2,020	2,020

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14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.38	AUD	ORD	1,987	1,987
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	4,791	4,791
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	1,884	1,884
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.38	AUD	ORD	3,911	3,911
14-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.38	AUD	ORD	3,714	3,714
14-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.38	AUD	ORD	4,417	4,417
14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.38	AUD	ORD	1,425	1,425
14-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	17.38	AUD	ORD	2,464	2,464
14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.38	AUD	ORD	10,179	10,179
14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.38	AUD	ORD	3,424	3,424
14-Jan-19	BlackRock Investment Management, LLC	on mkt buy	17.38	AUD	ORD	1,525	1,525
14-Jan-19	BlackRock International Limited	on mkt buy	17.38	AUD	ORD	7,348	7,348
14-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.38	AUD	ORD	1,502	1,502
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	31,483	31,483
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	2,747	2,747
14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.38	AUD	ORD	3,399	3,399
14-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.38	AUD	ORD	1,440	1,440
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	7,682	7,682
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	2,554	2,554
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	9,147	9,147
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.38	AUD	ORD	7,508	7,508
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.38	AUD	ORD	5,788	5,788
14-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.38	AUD	ORD	1,701	1,701
14-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	17.38	AUD	ORD	2,193	2,193
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	6,801	6,801
14-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.38	AUD	ORD	4,160	4,160
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,380	-4,380
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,164	-5,164
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-980	-980
14-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-42	-42
15-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.35	AUD	ORD	2,082	2,082
15-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.35	AUD	ORD	9,023	9,023
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.36	AUD	ORD	1,043	1,043
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.35	AUD	ORD	318	318
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,650	-3,650
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,220	-10,220
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,312	-12,312
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,746	-7,746
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,650	-3,650
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,074	-18,074
15-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6	-6
15-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,249	-5,249
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.62	AUD	ORD	9,923	9,923
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.62	AUD	ORD	1,475	1,475
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.62	AUD	ORD	1,327	1,327
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-9,472	-9,472
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.57	AUD	ORD	544	544
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	1,312	1,312
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	800	800
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.63	AUD	ORD	2,447	2,447
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.63	AUD	ORD	800	800
16-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.63	AUD	ORD	4,739	4,739

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16-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.63	AUD	ORD	2,535	2,535
16-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.63	AUD	ORD	800	800
16-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.63	AUD	ORD	889	889
16-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.63	AUD	ORD	1,511	1,511
16-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.63	AUD	ORD	1,332	1,332
16-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.63	AUD	ORD	1,416	1,416
16-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.63	AUD	ORD	2,159	2,159
16-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.63	AUD	ORD	800	800
16-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	17.63	AUD	ORD	1,461	1,461
16-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.63	AUD	ORD	5,892	5,892
16-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.63	AUD	ORD	1,855	1,855
16-Jan-19	BlackRock Investment Management, LLC	on mkt buy	17.63	AUD	ORD	800	800
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	16,123	16,123
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	1,560	1,560
16-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.63	AUD	ORD	2,324	2,324
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	2,903	2,903
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	5,313	5,313
16-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.63	AUD	ORD	1,663	1,663
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.63	AUD	ORD	4,423	4,423
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.63	AUD	ORD	3,303	3,303
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	2,361	2,361
16-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.64	AUD	ORD	1,200	1,200
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.64	AUD	ORD	2,776	2,776
16-Jan-19	BlackRock International Limited	on mkt buy	17.64	AUD	ORD	4,122	4,122
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.61	AUD	ORD	14,210	14,210
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.61	AUD	ORD	2,034	2,034
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.61	AUD	ORD	53,144	53,144
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.58	AUD	ORD	9,697	9,697
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.72	AUD	ORD	147	147
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.72	AUD	ORD	20,555	20,555
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.72	AUD	ORD	2,253	2,253
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,728	2,728
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,190	-2,190
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,744	5,744
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,164	-5,164
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,156	-4,156
17-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.06	AUD	ORD	858	858
17-Jan-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	3,253	3,253
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	18.05	AUD	ORD	5,205	5,205
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	18.05	AUD	ORD	4,017	4,017
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	18.05	AUD	ORD	324	324
17-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.05	AUD	ORD	56,259	56,259
17-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.05	AUD	ORD	-1,706	-1,706
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,364	1,364
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,356	1,356
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,360	-14,360
17-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	251,099	251,099
17-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,318	-6,318
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.20	AUD	ORD	-7,770	-7,770
18-Jan-19	BlackRock Advisors, LLC	on mkt sell	18.20	AUD	ORD	-8,834	-8,834
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	18.20	AUD	ORD	-901	-901
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.20	AUD	ORD	-2,161	-2,161
18-Jan-19	BlackRock Advisors, LLC	on mkt sell	18.20	AUD	ORD	-4,763	-4,763

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18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,424	-1,424
18-Jan-19	BlackRock International Limited	on mkt sell	AUD	ORD -3,134	-3,134
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -10,810	-10,810
18-Jan-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -8,813	-8,813
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,647	-1,647
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,941	1,941
18-Jan-19	BlackRock International Limited	on mkt buy	AUD	ORD 2,902	2,902
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,340	2,340
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,398	1,398
18-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,252	1,252
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,827	1,827
18-Jan-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,577	1,577
18-Jan-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,310	1,310
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,077	1,077
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 4,652	4,652
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,553	1,553
18-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,085	1,085
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 16,760	16,760
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,742	1,742
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 2,060	2,060
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,379	3,379
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,129	4,129
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,814	3,814
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,913	2,913
18-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,717	3,717
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,948	2,948
18-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 866	866
18-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -898	-898
18-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 13,031	13,031
18-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD -2,190	-2,190
18-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,650	-3,650
18-Jan-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,279	1,279
18-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -28,971	-28,971
21-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,731	1,731
21-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,389	1,389
21-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,117	3,117
21-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -26,996	-26,996
21-Jan-19	BlackRock Advisors (UK) Limited	in specie	AUD	ORD -43,122	-43,122
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -35,414	-35,414
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -11,557	-11,557
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 280	280
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,038	1,038
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,902	10,902
22-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -8,438	-8,438
22-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD 682	682
22-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,364	1,364
22-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,015	-4,015
22-Jan-19	BlackRock Fund Advisors	in specie	AUD	ORD -6,234	-6,234
22-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -10,999	-10,999
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 78	78
23-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,367	-3,367
23-Jan-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -12,361	-12,361
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 280	280

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23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.81	AUD	ORD	8,533	8,533
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.81	AUD	ORD	26,017	26,017
23-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.81	AUD	ORD	10,639	10,639
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.81	AUD	ORD	-6,358	-6,358
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,840	-5,840
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,650	-3,650
23-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-31,996	-31,996
24-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.91	AUD	ORD	1,174	1,174
24-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.91	AUD	ORD	-8,143	-8,143
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.91	AUD	ORD	1,040	1,040
24-Jan-19	BlackRock Advisors, LLC	on mkt sell	17.91	AUD	ORD	-787	-787
24-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.91	AUD	ORD	-15,676	-15,676
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,960	-1,960
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,462	-6,462
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,231	-3,231
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,196	-1,196
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-560	-560
24-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,297	3,297
24-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	427,305	427,305
24-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	175,257	175,257
24-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	83,735	83,735
25-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.99	AUD	ORD	751	751
25-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.99	AUD	ORD	1,586	1,586
25-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.96	AUD	ORD	-5,924	-5,924
25-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.01	AUD	ORD	3,528	3,528
25-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	18.01	AUD	ORD	6,094	6,094
25-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,816	-12,816
25-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1,159	1,159
25-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	24,651	24,651
25-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-27,123	-27,123
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,364	1,364
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,190	-2,190
28-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-45	-45
28-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1,625	-1,625
28-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-600	-600
28-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-183	-183
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.67	AUD	ORD	217	217
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.67	AUD	ORD	191	191
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.69	AUD	ORD	-2,820	-2,820
29-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.67	AUD	ORD	2,383	2,383
29-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.67	AUD	ORD	1,335	1,335
29-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.67	AUD	ORD	1,187	1,187
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.67	AUD	ORD	17,421	17,421
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.67	AUD	ORD	1,364	1,364
29-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.67	AUD	ORD	2,234	2,234
29-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.67	AUD	ORD	2,324	2,324
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.63	AUD	ORD	9,408	9,408
29-Jan-19	BlackRock Investment Management, LLC	on mkt buy	17.63	AUD	ORD	2,169	2,169
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,650	-3,650
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,015	-4,015
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,156	-4,156
29-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	64,834	64,834
29-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-426,839	-426,839
29-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-199,309	-199,309

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29-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-56,428	-56,428
30-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	287	287
30-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.57	AUD	ORD	-698	-698
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,095	-1,095
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,120	-1,120
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,268	7,268
30-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	25	25
30-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	674,590	674,590
31-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.85	AUD	ORD	1,589	1,589
31-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.85	AUD	ORD	3,768	3,768
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.85	AUD	ORD	2,345	2,345
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.85	AUD	ORD	1,809	1,809
31-Jan-19	BlackRock Asset Management Canada Limited	on mkt buy	17.85	AUD	ORD	1,272	1,272
31-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.85	AUD	ORD	3,446	3,446
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	17.77	AUD	ORD	-4,160	-4,160
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.77	AUD	ORD	764	764
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.77	AUD	ORD	216	216
31-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.77	AUD	ORD	-29,264	-29,264
31-Jan-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.77	AUD	ORD	-1,318	-1,318
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,920	-2,920
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-172	-172
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,268	7,268
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,164	-5,164
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,782	-8,782
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	8,782	8,782
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,823	-6,823
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	6,823	6,823
31-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,026	-2,026
31-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-674,590	-674,590
01-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	17.54	AUD	ORD	428	428
01-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.90	AUD	ORD	-7,887	-7,887
01-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.90	AUD	ORD	2,485	2,485
01-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.90	AUD	ORD	-2,770	-2,770
01-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-19,032	-19,032
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.76	AUD	ORD	290	290
04-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.76	AUD	ORD	-912	-912
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.76	AUD	ORD	432	432
04-Feb-19	BlackRock Advisors, LLC	on mkt sell	17.76	AUD	ORD	-30,898	-30,898
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,910	-12,910
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,078	-2,078
04-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	465,999	465,999
05-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	17.85	AUD	ORD	4,320	4,320
05-Feb-19	BlackRock Investment Management, LLC	on mkt buy	17.86	AUD	ORD	828	828
05-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.86	AUD	ORD	780	780
05-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.85	AUD	ORD	7,685	7,685
05-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	17.86	AUD	ORD	1,170	1,170
05-Feb-19	BlackRock Advisors, LLC	on mkt buy	17.86	AUD	ORD	1,610	1,610
05-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.86	AUD	ORD	6,941	6,941
05-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.86	AUD	ORD	4,249	4,249
05-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.86	AUD	ORD	2,143	2,143
05-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.86	AUD	ORD	2,290	2,290
05-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.86	AUD	ORD	1,816	1,816
05-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.86	AUD	ORD	1,421	1,421
05-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	17.86	AUD	ORD	1,815	1,815

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05-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,396	3,396
05-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,364	1,364
05-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -420	-420
05-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 2,908	2,908
05-Feb-19	BlackRock Financial Management, Inc.	in specie	AUD	ORD -1,007	-1,007
06-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 13	13
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 16,452	16,452
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,833	3,833
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,901	7,901
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 53,380	53,380
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 32,585	32,585
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 48,163	48,163
06-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 74	74
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 518	518
06-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -69	-69
06-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -420	-420
06-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,104	4,104
06-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 12,312	12,312
06-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,208	8,208
06-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 73	73
06-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -4,776	-4,776
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,908	-1,908
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,916	-1,916
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,692	1,692
07-Feb-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 6,129	6,129
07-Feb-19	BlackRock International Limited	on mkt buy	AUD	ORD 4,238	4,238
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,623	5,623
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 13,869	13,869
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,220	4,220
07-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 4,505	4,505
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,932	4,932
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,148	1,148
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,219	1,219
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,322	1,322
07-Feb-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 998	998
07-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 770	770
07-Feb-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,339	1,339
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,312	2,312
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,814	1,814
07-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 926	926
07-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 506	506
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 518	518
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 221	221
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,104	-1,104
07-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 12,312	12,312
07-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -598	-598
07-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 136	136
08-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 457	457
08-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -8,473	-8,473
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -221	-221
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,346	-1,346
08-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -9	-9
08-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -660,180	-660,180

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11-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,001	1,001
11-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 25,103	25,103
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 9,543	9,543
11-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 7,906	7,906
11-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -51	-51
12-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,535	1,535
12-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,003	4,003
12-Feb-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,922	1,922
12-Feb-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,296	2,296
12-Feb-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 844	844
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 8,467	8,467
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,377	2,377
12-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,336	1,336
12-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,360	2,360
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,583	3,583
12-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,880	2,880
12-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,650	-3,650
12-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -6,455	-6,455
12-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,464	3,464
12-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 651,970	651,970
13-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -101,891	-101,891
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 18,059	18,059
13-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,404	-1,404
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,246	6,246
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -98	-98
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,299	6,299
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,663	3,663
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 38,522	38,522
13-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,046	2,046
13-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,774	4,774
13-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,156	-4,156
13-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -12	-12
13-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 6,350	6,350
14-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,115	2,115
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -26,789	-26,789
14-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 682	682
14-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -1,825	-1,825
14-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -420	-420
14-Feb-19	BlackRock Investment Management, LLC	in specie	AUD	ORD -22,091	-22,091
14-Feb-19	BlackRock Investment Management, LLC	in specie	AUD	ORD 22,091	22,091
14-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -658,320	-658,320
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,156	-4,156
15-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 17,443	17,443
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 966	966
15-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -12,812	-12,812
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	AUD	ORD -4,108	-4,108
18-Feb-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 10,591	10,591
18-Feb-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -5,632	-5,632
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,120	2,120
19-Feb-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -4,875	-4,875
19-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,812	-2,812
19-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,593	-1,593
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,304	-3,304
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,332	-3,332

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20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,871	3,871
20-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -6,988	-6,988
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -5,299	-5,299
20-Feb-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -28,362	-28,362
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,174	-2,174
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,503	-3,503
20-Feb-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -10,291	-10,291
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,032	-2,032
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,770	-2,770
20-Feb-19	BlackRock International Limited	on mkt sell	AUD	ORD -5,067	-5,067
20-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -22,256	-22,256
20-Feb-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -19,043	-19,043
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,398	-3,398
20-Feb-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -12,790	-12,790
20-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,725	-1,725
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -6,865	-6,865
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,888	-1,888
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 22,183	22,183
20-Feb-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 7,842	7,842
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 26,525	26,525
21-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,115	-2,115
21-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -4,357	-4,357
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,120	2,120
21-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,364	1,364
21-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -6,455	-6,455
22-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 4,500	4,500
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,152	-4,152
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 767	767
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,061	1,061
22-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
22-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 7,560	7,560
22-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -14,201	-14,201
22-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 462	462
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -222	-222
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 9,549	9,549
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 13,859	13,859
25-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,640	8,640
25-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -8,208	-8,208
25-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -462	-462
25-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 26,995	26,995
26-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -10,276	-10,276
26-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,355	-3,355
26-Feb-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,185	2,185
26-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -700	-700
26-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -10,260	-10,260
26-Feb-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 1	1
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -14,644	-14,644
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,257	-3,257
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,311	-2,311
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -765	-765
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,600	-2,600
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,440	-2,440
27-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -212	-212

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27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,216	6,216
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 764	764
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,072	2,072
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 491	491
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,275	1,275
27-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
27-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,015	-4,015
27-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -5,164	-5,164
27-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 5	5
27-Feb-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -1	-1
28-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,516	-2,516
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 812	812
28-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -10,444	-10,444
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,747	2,747
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 6,919	6,919
28-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -6,455	-6,455
28-Feb-19	BlackRock Fund Advisors	in specie	AUD	ORD -2,078	-2,078
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,344	1,344
01-Mar-19	BlackRock Investment Management, LLC	in specie	AUD	ORD 9,319	9,319
04-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -2,985	-2,985
04-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 670	670
04-Mar-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 12,864	12,864
04-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,052	1,052
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,037	1,037
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,507	-1,507
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -288	-288
04-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,364	1,364
04-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,873	-3,873
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -20,021	-20,021
05-Mar-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,816	-1,816
05-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,509	-4,509
05-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,408	-4,408
05-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,532	-1,532
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 10,390	10,390
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,828	3,828
05-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,634	3,634
05-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 215,752	215,752
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 13,247	13,247
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -12,145	-12,145
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -17,325	-17,325
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,582	-3,582
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -333	-333
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,715	-2,715
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,763	-3,763
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,704	-3,704
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,106	-2,106
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,231	-1,231
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 5,200	5,200
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,054	-1,054
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,751	6,751
06-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 10,440	10,440
06-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD -2,582	-2,582
06-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 5	5

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07-Mar-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 572	572
07-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -5,525	-5,525
07-Mar-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,718	-1,718
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,451	-4,451
07-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,559	-1,559
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,324	-3,324
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,370	1,370
07-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 7,268	7,268
07-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,156	-4,156
07-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD -12,312	-12,312
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,833	1,833
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -6,318	-6,318
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -7,378	-7,378
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,269	1,269
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 291	291
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -576	-576
08-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,840	6,840
08-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,104	-4,104
08-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,634	3,634
08-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 138,761	138,761
11-Mar-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -4,202	-4,202
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -6,312	-6,312
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,156	-3,156
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 765	765
11-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 11,831	11,831
11-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 7,268	7,268
11-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -5	-5
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,709	-2,709
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -35,700	-35,700
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,820	1,820
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,960	1,960
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 27,380	27,380
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,079	-3,079
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,500	-3,500
12-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 9,000	9,000
12-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 1	1
13-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -53,753	-53,753
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,807	1,807
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,390	1,390
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 762	762
13-Mar-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,440	1,440
13-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 713,912	713,912
13-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -1	-1
14-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -5,835	-5,835
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,524	1,524
14-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 705	705
14-Mar-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,159	2,159
14-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,011	-2,011
14-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -813,307	-813,307
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -156,094	-156,094
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,497	-3,497
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,285	-2,285
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,324	-2,324
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,052	3,052
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 548	548
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -725	-725
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,526	1,526
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -7,292	-7,292
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -438	-438

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15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.50	AUD	ORD	-1,355	-1,355
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.50	AUD	ORD	-1,835	-1,835
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.50	AUD	ORD	-39,027	-39,027
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.50	AUD	ORD	4,439	4,439
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.50	AUD	ORD	-21,872	-21,872
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.50	AUD	ORD	-1,320	-1,320
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.50	AUD	ORD	1,547	1,547
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.50	AUD	ORD	8,832	8,832
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.50	AUD	ORD	-4,070	-4,070
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.50	AUD	ORD	-5,510	-5,510
15-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.50	AUD	ORD	-117,066	-117,066
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.50	AUD	ORD	6,124	6,124
15-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.50	AUD	ORD	1,354	1,354
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,820	-25,820
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,800	19,800
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,156	-6,156
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,328	-10,328
19-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.54	AUD	ORD	-2,385	-2,385
19-Mar-19	BlackRock Advisors, LLC	on mkt sell	17.54	AUD	ORD	-9,470	-9,470
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.54	AUD	ORD	-522	-522
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-831	-831
19-Mar-19	BlackRock Advisors, LLC	on mkt sell	17.54	AUD	ORD	-2,672	-2,672
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-509	-509
19-Mar-19	BlackRock Advisors, LLC	on mkt sell	17.54	AUD	ORD	-809	-809
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-8,200	-8,200
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-2,175	-2,175
19-Mar-19	BlackRock International Limited	on mkt sell	17.54	AUD	ORD	-1,332	-1,332
19-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.54	AUD	ORD	-8,166	-8,166
19-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	17.54	AUD	ORD	-1,571	-1,571
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-417	-417
19-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-5,697	-5,697
19-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.57	AUD	ORD	-4,619	-4,619
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.54	AUD	ORD	1,801	1,801
19-Mar-19	BlackRock Investment Management, LLC	on mkt buy	17.54	AUD	ORD	1,094	1,094
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.55	AUD	ORD	5,790	5,790
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.55	AUD	ORD	-2,692	-2,692
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.55	AUD	ORD	411	411
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.55	AUD	ORD	1,522	1,522
19-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.55	AUD	ORD	2,124	2,124
19-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.55	AUD	ORD	-20,045	-20,045
19-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.55	AUD	ORD	-3,860	-3,860
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,364	1,364
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,620	1,620
19-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	313,575	313,575
20-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.59	AUD	ORD	-741	-741
20-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.58	AUD	ORD	-703	-703
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.59	AUD	ORD	1,063	1,063
20-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.54	AUD	ORD	966	966
20-Mar-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.54	AUD	ORD	-4,233	-4,233
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,074	-18,074
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,400	14,400

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20-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,078	-2,078
20-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,433	-6,433
20-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5	5
21-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.52	AUD	ORD	-3,722	-3,722
21-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.52	AUD	ORD	-2,657	-2,657
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.58	AUD	ORD	1,233	1,233
21-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.58	AUD	ORD	432	432
21-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	9	9
21-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	146,849	146,849
22-Mar-19	BlackRock Investment Management, LLC	on mkt buy	17.75	AUD	ORD	966	966
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.74	AUD	ORD	1,370	1,370
22-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.76	AUD	ORD	294	294
22-Mar-19	BlackRock Investment Management, LLC	on mkt sell	17.76	AUD	ORD	-1,353	-1,353
22-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.76	AUD	ORD	-259	-259
22-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.76	AUD	ORD	3,023	3,023
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,164	-5,164
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,078	-2,078
22-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9	-9
22-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	540,173	540,173
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.02	AUD	ORD	3,189	3,189
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	134	134
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,960	12,960
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,680	4,680
25-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-494,181	-494,181
26-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.78	AUD	ORD	-1,801	-1,801
26-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.78	AUD	ORD	-1,936	-1,936
26-Mar-19	BlackRock Advisors, LLC	on mkt sell	16.77	AUD	ORD	-3,731	-3,731
26-Mar-19	BlackRock Advisors, LLC	on mkt sell	16.77	AUD	ORD	-1,051	-1,051
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.77	AUD	ORD	-9,944	-9,944
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.77	AUD	ORD	-2,745	-2,745
26-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	16.77	AUD	ORD	-1,955	-1,955
26-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	16.77	AUD	ORD	-1,540	-1,540
26-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	16.77	AUD	ORD	-2,679	-2,679
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.77	AUD	ORD	-5,676	-5,676
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.77	AUD	ORD	-1,524	-1,524
26-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.68	AUD	ORD	-5,078	-5,078
26-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	479,028	479,028
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.77	AUD	ORD	-4,975	-4,975
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.77	AUD	ORD	-2,721	-2,721
27-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.77	AUD	ORD	-25,579	-25,579
27-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	16.76	AUD	ORD	-2,827	-2,827
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.78	AUD	ORD	-13,110	-13,110
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.78	AUD	ORD	-4,692	-4,692
27-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.78	AUD	ORD	-4,774	-4,774
27-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	16.71	AUD	ORD	-1,271	-1,271
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,489	-2,489
27-Mar-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,489	2,489
27-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,052	-2,052
27-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-883	-883
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	16.85	AUD	ORD	1,064	1,064
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	16.77	AUD	ORD	3,192	3,192
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	16.85	AUD	ORD	297	297
28-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	16.85	AUD	ORD	768	768
28-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4,665	4,665
29-Mar-19	BlackRock Advisors, LLC	on mkt sell	17.03	AUD	ORD	-1,681	-1,681
29-Mar-19	BlackRock Advisors, LLC	on mkt sell	17.03	AUD	ORD	-1,262	-1,262

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		
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.03	AUD	ORD	-8,912	-8,912
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.03	AUD	ORD	-3,074	-3,074
29-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	17.03	AUD	ORD	-1,453	-1,453
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.03	AUD	ORD	-7,721	-7,721
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.08	AUD	ORD	29,501	29,501
29-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.08	AUD	ORD	5,947	5,947
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.08	AUD	ORD	-3,096	-3,096
29-Mar-19	BlackRock Fund Advisors	on mkt buy	17.08	AUD	ORD	3,611	3,611
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,160	2,160
29-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-689,748	-689,748
29-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	1,052	1,052
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	2,104	2,104
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	16.97	AUD	ORD	-5,364	-5,364
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	16.97	AUD	ORD	-572	-572
01-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	29,589	29,589
01-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	16.97	AUD	ORD	1,125	1,125
01-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,364	1,364
01-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5	5
01-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3	-3
02-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.11	AUD	ORD	-5,439	-5,439
02-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.11	AUD	ORD	-1,857	-1,857
02-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.11	AUD	ORD	-1,503	-1,503
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.11	AUD	ORD	-17,905	-17,905
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.11	AUD	ORD	-4,227	-4,227
02-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.11	AUD	ORD	-3,056	-3,056
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.11	AUD	ORD	-12,027	-12,027
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.09	AUD	ORD	1,064	1,064
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.09	AUD	ORD	1,053	1,053
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.09	AUD	ORD	2,100	2,100
02-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.09	AUD	ORD	-1,216	-1,216
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,080	1,080
02-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	281,807	281,807
02-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-46,419	-46,419
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.18	AUD	ORD	-1,480	-1,480
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.21	AUD	ORD	-3,650	-3,650
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.21	AUD	ORD	-1,582	-1,582
03-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.21	AUD	ORD	-1,517	-1,517
03-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.10	AUD	ORD	-1,186	-1,186
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.24	AUD	ORD	2,895	2,895
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.24	AUD	ORD	-9,459	-9,459
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.24	AUD	ORD	414	414
03-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.24	AUD	ORD	3,871	3,871
03-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.24	AUD	ORD	3,464	3,464
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,164	-5,164
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,195	6,195
03-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4	4
04-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.25	AUD	ORD	-2,408	-2,408
04-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.26	AUD	ORD	-1,699	-1,699
04-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.26	AUD	ORD	-1,255	-1,255
04-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.26	AUD	ORD	-3,637	-3,637
04-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.26	AUD	ORD	-3,632	-3,632

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04-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -8,554	-8,554
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,632	4,632
04-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,101	3,101
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,237	2,237
04-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,399	2,399
04-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD -682	-682
04-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 227,963	227,963
04-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -10	-10
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 276	276
05-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -209	-209
05-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD -28,402	-28,402
05-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD -5,164	-5,164
05-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,195	6,195
05-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,260	8,260
05-Apr-19	BlackRock Asset Management Canada Limited	in specie	AUD	ORD 13,912	13,912
05-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -128,236	-128,236
05-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -95,209	-95,209
08-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 11,439	11,439
08-Apr-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 384	384
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,165	3,165
08-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,296	1,296
08-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD -14,201	-14,201
08-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD 12,600	12,600
08-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -153,571	-153,571
08-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -26,990	-26,990
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -58	-58
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -15	-15
09-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -21	-21
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -42	-42
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -28	-28
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -35	-35
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -55	-55
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -63	-63
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -58	-58
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -35	-35
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -31	-31
09-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -134	-134
09-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -23	-23
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -14	-14
09-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -14	-14
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -92	-92
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -34	-34
09-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -8	-8
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -358	-358
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -45	-45
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -28	-28
09-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -46	-46
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -122	-122
09-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -18	-18
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -85	-85
09-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -14	-14
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -82	-82
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -65	-65
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -20	-20

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09-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.41	AUD	ORD	-155	-155
09-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.41	AUD	ORD	-17	-17
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-313	-313
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-79	-79
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.37	AUD	ORD	-18	-18
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-3	-3
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-26,157	-26,157
09-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.41	AUD	ORD	-11,358	-11,358
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-22,892	-22,892
09-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.41	AUD	ORD	-1,505	-1,505
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-3,057	-3,057
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-2,053	-2,053
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.41	AUD	ORD	-2,567	-2,567
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.41	AUD	ORD	-4,584	-4,584
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.41	AUD	ORD	-4,257	-4,257
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.41	AUD	ORD	-2,578	-2,578
09-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.41	AUD	ORD	-2,296	-2,296
09-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.41	AUD	ORD	-9,839	-9,839
09-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.41	AUD	ORD	-1,663	-1,663
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.41	AUD	ORD	-6,710	-6,710
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.41	AUD	ORD	-2,459	-2,459
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-3,302	-3,302
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.41	AUD	ORD	-2,086	-2,086
09-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.41	AUD	ORD	-3,369	-3,369
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-8,909	-8,909
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-6,229	-6,229
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.41	AUD	ORD	-6,025	-6,025
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.41	AUD	ORD	-4,796	-4,796
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.41	AUD	ORD	-1,492	-1,492
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-5,788	-5,788
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-1,080	-1,080
09-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.41	AUD	ORD	-1,059	-1,059
09-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.41	AUD	ORD	-1,324	-1,324
09-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.41	AUD	ORD	-1,267	-1,267
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-1,023	-1,023
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.41	AUD	ORD	-986	-986
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.41	AUD	ORD	-1,025	-1,025
09-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.41	AUD	ORD	-603	-603
09-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.41	AUD	ORD	-1,054	-1,054
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-320	-320
09-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.41	AUD	ORD	-233	-233
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.41	AUD	ORD	-1,271	-1,271
09-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.41	AUD	ORD	1,737	1,737
09-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.41	AUD	ORD	768	768
09-Apr-19	BlackRock Asset Management Canada Limited	on mkt buy	17.41	AUD	ORD	18,616	18,616
09-Apr-19	BlackRock International Limited	on mkt sell	17.41	AUD	ORD	-12,992	-12,992
09-Apr-19	BlackRock Fund Advisors	on mkt buy	17.41	AUD	ORD	4,610	4,610
09-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-86,380	-86,380
09-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	1	1

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09-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
10-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	29,871	29,871
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.56	AUD	ORD	-896	-896
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.56	AUD	ORD	-973	-973
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-3,718	-3,718
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-207	-207
10-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.54	AUD	ORD	-184	-184
10-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.55	AUD	ORD	-640	-640
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.52	AUD	ORD	768	768
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.52	AUD	ORD	-4,212	-4,212
10-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.52	AUD	ORD	-768	-768
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,594	-11,594
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,046	-2,046
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,594	-11,594
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	268	268
10-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-17	-17
10-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-1	-1
10-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-436	-436
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-254	-254
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-1,111	-1,111
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-1,988	-1,988
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-2,656	-2,656
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-1,025	-1,025
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.31	AUD	ORD	-2,615	-2,615
11-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.31	AUD	ORD	-1,327	-1,327
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.31	AUD	ORD	-2,974	-2,974
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.31	AUD	ORD	-1,596	-1,596
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-629	-629
11-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.31	AUD	ORD	-1,216	-1,216
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-4,603	-4,603
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-1,674	-1,674
11-Apr-19	BlackRock International Limited	on mkt sell	17.31	AUD	ORD	-5,882	-5,882
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-14,465	-14,465
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-2,387	-2,387
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-1,819	-1,819
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.31	AUD	ORD	-1,363	-1,363
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-32,400	-32,400
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-3,805	-3,805
11-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.31	AUD	ORD	-737	-737
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-4,390	-4,390
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.31	AUD	ORD	-4,946	-4,946
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.31	AUD	ORD	-3,910	-3,910
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-803	-803
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.31	AUD	ORD	-1,095	-1,095
11-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.31	AUD	ORD	-4,420	-4,420
11-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.31	AUD	ORD	-874	-874
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-7,832	-7,832

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11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-2,096	-2,096
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.31	AUD	ORD	-68	-68
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-199	-199
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-116	-116
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-507	-507
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-1,212	-1,212
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-468	-468
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.29	AUD	ORD	-1,193	-1,193
11-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.29	AUD	ORD	-606	-606
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.29	AUD	ORD	-1,357	-1,357
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.29	AUD	ORD	-728	-728
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-287	-287
11-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.29	AUD	ORD	-555	-555
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-31	-31
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-2,102	-2,102
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-764	-764
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-6,604	-6,604
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-1,090	-1,090
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-831	-831
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.29	AUD	ORD	-622	-622
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-14,790	-14,790
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-1,737	-1,737
11-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.29	AUD	ORD	-336	-336
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-2,003	-2,003
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.29	AUD	ORD	-2,259	-2,259
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.29	AUD	ORD	-1,785	-1,785
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-367	-367
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-500	-500
11-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.29	AUD	ORD	-2,019	-2,019
11-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.29	AUD	ORD	-399	-399
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-3,576	-3,576
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-957	-957
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-203	-203
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-484	-484
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-188	-188
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.29	AUD	ORD	-477	-477
11-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.29	AUD	ORD	-243	-243
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.29	AUD	ORD	-542	-542
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.29	AUD	ORD	-292	-292
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-116	-116
11-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.29	AUD	ORD	-223	-223
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-840	-840
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-306	-306
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-2,641	-2,641
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-436	-436

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11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-333	-333
11-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.29	AUD	ORD	-249	-249
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-5,913	-5,913
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-694	-694
11-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.29	AUD	ORD	-135	-135
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-801	-801
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.29	AUD	ORD	-903	-903
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.29	AUD	ORD	-714	-714
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-147	-147
11-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.29	AUD	ORD	-200	-200
11-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.29	AUD	ORD	-807	-807
11-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.29	AUD	ORD	-160	-160
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-1,430	-1,430
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-383	-383
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-80	-80
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-47	-47
11-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.29	AUD	ORD	-13	-13
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.28	AUD	ORD	-1,052	-1,052
11-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.28	AUD	ORD	-99	-99
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,456	-5,456
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,634	3,634
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,405	10,405
11-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,170	18,170
11-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	29,727	29,727
11-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	11,894	11,894
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.48	AUD	ORD	-1,183	-1,183
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.48	AUD	ORD	-785	-785
12-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.49	AUD	ORD	-50	-50
12-Apr-19	BlackRock Fund Advisors	on mkt buy	17.45	AUD	ORD	7,097	7,097
12-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.49	AUD	ORD	-803	-803
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	768	768
12-Apr-19	BlackRock (Netherlands) B.V.	on mkt buy	17.50	AUD	ORD	355	355
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,440	10,440
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,619	-11,619
12-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-31,535	-31,535
12-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	203	203
12-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	32,935	32,935
12-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	25,038	25,038
12-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	6,320	6,320
15-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.47	AUD	ORD	-927	-927
15-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.47	AUD	ORD	-198	-198
15-Apr-19	BlackRock Fund Advisors	on mkt buy	17.52	AUD	ORD	2,594	2,594
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	3,000	3,000
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.50	AUD	ORD	-2,102	-2,102
15-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.50	AUD	ORD	-429	-429
15-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,348	7,348
15-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,727	-5,727
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,374	-2,374
15-Apr-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,374	2,374
15-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,326	4,326
15-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,458	-5,458
15-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-203	-203
15-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-32,935	-32,935

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15-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-36,932	-36,932
15-Apr-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-6,320	-6,320
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-577	-577
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-765	-765
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-1,894	-1,894
16-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.58	AUD	ORD	-1,587	-1,587
16-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.58	AUD	ORD	-2,820	-2,820
16-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.58	AUD	ORD	-831	-831
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-6,486	-6,486
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-3,132	-3,132
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-423	-423
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.58	AUD	ORD	-4,282	-4,282
16-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.58	AUD	ORD	-7,508	-7,508
16-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.58	AUD	ORD	-6,794	-6,794
16-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.58	AUD	ORD	-4,002	-4,002
16-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.58	AUD	ORD	-3,458	-3,458
16-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.58	AUD	ORD	-10,609	-10,609
16-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.58	AUD	ORD	-3,795	-3,795
16-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.58	AUD	ORD	-1,369	-1,369
16-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.58	AUD	ORD	-2,081	-2,081
16-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.58	AUD	ORD	-8,766	-8,766
16-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.58	AUD	ORD	-3,178	-3,178
16-Apr-19	BlackRock International Limited	on mkt sell	17.58	AUD	ORD	-4,925	-4,925
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-33,080	-33,080
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-4,784	-4,784
16-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.58	AUD	ORD	-3,752	-3,752
16-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.58	AUD	ORD	-2,891	-2,891
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-41,687	-41,687
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-8,421	-8,421
16-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.58	AUD	ORD	-2,169	-2,169
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-8,153	-8,153
16-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.58	AUD	ORD	-1,476	-1,476
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.58	AUD	ORD	-9,520	-9,520
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.58	AUD	ORD	-7,499	-7,499
16-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.58	AUD	ORD	-2,423	-2,423
16-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.58	AUD	ORD	-10,483	-10,483
16-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.58	AUD	ORD	-2,280	-2,280
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-20,408	-20,408
16-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.58	AUD	ORD	-6,967	-6,967
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.59	AUD	ORD	768	768
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,400	14,400
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,674	3,674
16-Apr-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,326	-4,326
16-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,978	-1,978
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.70	AUD	ORD	-600	-600
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.70	AUD	ORD	-473	-473
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.71	AUD	ORD	-1,889	-1,889
17-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.66	AUD	ORD	-1,560	-1,560
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.74	AUD	ORD	5,000	5,000
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	17.74	AUD	ORD	2,000	2,000

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17-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.74	AUD	ORD	-429	-429
17-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.74	AUD	ORD	-2,463	-2,463
17-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,729	-67,729
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.81	AUD	ORD	-1,212	-1,212
18-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.78	AUD	ORD	3,068	3,068
18-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.79	AUD	ORD	-5,252	-5,252
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.79	AUD	ORD	-4,877	-4,877
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-20,684	-20,684
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-19,307	-19,307
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.79	AUD	ORD	-6,045	-6,045
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-8,445	-8,445
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-3,755	-3,755
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-1,511	-1,511
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.79	AUD	ORD	-2,612	-2,612
18-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.79	AUD	ORD	-2,220	-2,220
18-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.79	AUD	ORD	-1,149	-1,149
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.79	AUD	ORD	-1,791	-1,791
18-Apr-19	BlackRock International Limited	on mkt sell	17.79	AUD	ORD	-2,562	-2,562
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-3,393	-3,393
18-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.79	AUD	ORD	-1,316	-1,316
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-4,070	-4,070
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-4,560	-4,560
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.79	AUD	ORD	-4,664	-4,664
18-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.79	AUD	ORD	-4,180	-4,180
18-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.77	AUD	ORD	-1,080	-1,080
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-4,362	-4,362
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-1,041	-1,041
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.79	AUD	ORD	-1,007	-1,007
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.79	AUD	ORD	-1,134	-1,134
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-671	-671
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.79	AUD	ORD	-653	-653
18-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.79	AUD	ORD	-616	-616
18-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.80	AUD	ORD	-1,060	-1,060
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.80	AUD	ORD	-4,687	-4,687
18-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.80	AUD	ORD	3,749	3,749
18-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.80	AUD	ORD	-1,543	-1,543
18-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	64,515	64,515
18-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	498	498
18-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,713	2,713
19-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	21	21
19-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-67	-67
19-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
22-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,677	-13,677
22-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	554	554
22-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-566	-566
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	122,808	122,808
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-952	-952
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-2,392	-2,392

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23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-1,381	-1,381
23-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.89	AUD	ORD	-1,677	-1,677
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-4,303	-4,303
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-1,564	-1,564
23-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.89	AUD	ORD	-2,719	-2,719
23-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.89	AUD	ORD	-4,186	-4,186
23-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.89	AUD	ORD	-2,332	-2,332
23-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.89	AUD	ORD	-1,969	-1,969
23-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.89	AUD	ORD	-3,484	-3,484
23-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.89	AUD	ORD	-7,053	-7,053
23-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.89	AUD	ORD	-2,285	-2,285
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.89	AUD	ORD	-1,148	-1,148
23-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.89	AUD	ORD	-1,362	-1,362
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.89	AUD	ORD	-5,928	-5,928
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.89	AUD	ORD	-2,046	-2,046
23-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.89	AUD	ORD	-8,720	-8,720
23-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.89	AUD	ORD	-738	-738
23-Apr-19	BlackRock International Limited	on mkt sell	17.89	AUD	ORD	-4,108	-4,108
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-18,641	-18,641
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-3,141	-3,141
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.89	AUD	ORD	-2,610	-2,610
23-Apr-19	BlackRock Advisors, LLC	on mkt sell	17.89	AUD	ORD	-1,437	-1,437
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-28,269	-28,269
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-3,986	-3,986
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-6,192	-6,192
23-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.89	AUD	ORD	-843	-843
23-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.89	AUD	ORD	-6,286	-6,286
23-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.89	AUD	ORD	-4,984	-4,984
23-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	17.89	AUD	ORD	-4,602	-4,602
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.89	AUD	ORD	-1,248	-1,248
23-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	17.89	AUD	ORD	-5,348	-5,348
23-Apr-19	BlackRock Investment Management, LLC	on mkt sell	17.89	AUD	ORD	-1,003	-1,003
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-9,556	-9,556
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-3,551	-3,551
23-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.89	AUD	ORD	-480	-480
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.89	AUD	ORD	-183	-183
23-Apr-19	BlackRock Japan Co., Ltd.	on mkt sell	17.89	AUD	ORD	-7,551	-7,551
23-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.89	AUD	ORD	-1,729	-1,729
23-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.89	AUD	ORD	-102	-102
23-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.88	AUD	ORD	1,434	1,434
23-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.88	AUD	ORD	5,000	5,000
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,364	-1,364
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,180	2,180
23-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-15	-15
23-Apr-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-985	-985
23-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,149	-2,149
23-Apr-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-43,221	-43,221
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.19	AUD	ORD	-2,482	-2,482
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.19	AUD	ORD	-1,145	-1,145
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.19	AUD	ORD	571	571
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.19	AUD	ORD	513	513

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24-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-2,125	-2,125
24-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	11,590	11,590
24-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-5,320	-5,320
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	15,536	15,536
24-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD	-729	-729
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	4,632	4,632
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	822	822
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	685	685
24-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	685	685
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-40,348	-40,348
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	30,797	30,797
24-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	5,803	5,803
24-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	5,160	5,160
24-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD	1,417	1,417
24-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD	15,162	15,162
24-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD	-800	-800
24-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-8	-8
25-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-67,440	-67,440
26-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,292	-3,292
26-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,413	-3,413
26-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-8,023	-8,023
26-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,666	-1,666
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	3,000	3,000
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	966	966
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	1,242	1,242
26-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	10,345	10,345
26-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	893	893
26-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD	11,552	11,552
26-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD	-4,162	-4,162
26-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-6,417	-6,417
26-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	15,574	15,574
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-2,371	-2,371
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-558	-558
29-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,237	-1,237
29-Apr-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-2	-2
29-Apr-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	-15,574	-15,574
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-890	-890
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-2,903	-2,903
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-2,622	-2,622
30-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-2,702	-2,702
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-8,447	-8,447
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-833	-833
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-2,921	-2,921
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-5,696	-5,696
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-766	-766
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-6,065	-6,065
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-9,237	-9,237
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-3,121	-3,121
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-872	-872
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,467	-1,467
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-3,864	-3,864
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-1,762	-1,762
30-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD	-2,743	-2,743

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30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -8,754	-8,754
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -3,247	-3,247
30-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -1,093	-1,093
30-Apr-19	BlackRock International Limited	on mkt sell	AUD	ORD -5,929	-5,929
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -32,959	-32,959
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,595	-4,595
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -3,678	-3,678
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,472	-2,472
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -39,583	-39,583
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,875	-6,875
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -8,650	-8,650
30-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,168	-1,168
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -12,442	-12,442
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -9,787	-9,787
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,074	-8,074
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,313	-2,313
30-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -907	-907
30-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -7,467	-7,467
30-Apr-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -1,504	-1,504
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -14,280	-14,280
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,686	-5,686
30-Apr-19	BlackRock International Limited	on mkt sell	AUD	ORD -697	-697
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -706	-706
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -720	-720
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -662	-662
30-Apr-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,424	-2,424
30-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -57	-57
30-Apr-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,316	2,316
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,000	3,000
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 766	766
30-Apr-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,182	-2,182
30-Apr-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -795	-795
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 668	668
30-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -6,814	-6,814
30-Apr-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,081	2,081
30-Apr-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 3,598	3,598
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -688	-688
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -14,016	-14,016
01-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -156	-156
01-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,431	-1,431
01-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -206	-206
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -346	-346
01-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -912	-912
01-May-19	BlackRock International Limited	on mkt sell	AUD	ORD -164	-164
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -167	-167
01-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 828	828
01-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,706	6,706
01-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,082	3,082
01-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 22,891	22,891
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -412	-412

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02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-1,190	-1,190
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-3,697	-3,697
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-1,227	-1,227
02-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.18	AUD	ORD	-2,625	-2,625
02-May-19	BlackRock Advisors, LLC	on mkt sell	18.18	AUD	ORD	-3,897	-3,897
02-May-19	BlackRock Advisors, LLC	on mkt sell	18.18	AUD	ORD	-1,520	-1,520
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.18	AUD	ORD	-741	-741
02-May-19	BlackRock Asset Management Canada Limited	on mkt sell	18.18	AUD	ORD	-1,152	-1,152
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.18	AUD	ORD	-3,639	-3,639
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.18	AUD	ORD	-1,376	-1,376
02-May-19	BlackRock Investment Management, LLC	on mkt sell	18.18	AUD	ORD	-524	-524
02-May-19	BlackRock International Limited	on mkt sell	18.18	AUD	ORD	-3,147	-3,147
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-14,674	-14,674
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-1,995	-1,995
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.18	AUD	ORD	-1,498	-1,498
02-May-19	BlackRock Advisors, LLC	on mkt sell	18.18	AUD	ORD	-929	-929
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-18,297	-18,297
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-2,515	-2,515
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-3,422	-3,422
02-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.18	AUD	ORD	-5,786	-5,786
02-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.18	AUD	ORD	-4,569	-4,569
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.18	AUD	ORD	-1,014	-1,014
02-May-19	BlackRock Asset Management Canada Limited	on mkt sell	18.18	AUD	ORD	-3,087	-3,087
02-May-19	BlackRock Investment Management, LLC	on mkt sell	18.18	AUD	ORD	-592	-592
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-6,821	-6,821
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-2,109	-2,109
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.18	AUD	ORD	-212	-212
02-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.22	AUD	ORD	-2,405	-2,405
02-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.18	AUD	ORD	-3	-3
02-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.15	AUD	ORD	-3,732	-3,732
02-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	67,499	67,499
02-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,931	3,931
02-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	99,908	99,908
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.53	AUD	ORD	-1,319	-1,319
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.53	AUD	ORD	-1,153	-1,153
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.43	AUD	ORD	-625	-625
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.56	AUD	ORD	673	673
03-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.56	AUD	ORD	661	661
03-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.43	AUD	ORD	-944	-944
03-May-19	BlackRock Asset Management North Asia Limited	on mkt buy	18.59	AUD	ORD	6,782	6,782
03-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	30,819	30,819
03-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	65	65
03-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-65	-65
06-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	42	42
06-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-42	-42
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-1,420	-1,420
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-1,780	-1,780

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07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.03	AUD	ORD	-3,314	-3,314
07-May-19	BlackRock Investment Management, LLC	on mkt sell	18.01	AUD	ORD	-1,948	-1,948
07-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.01	AUD	ORD	-577	-577
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-5,387	-5,387
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-529	-529
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-1,087	-1,087
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.01	AUD	ORD	-3,962	-3,962
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.01	AUD	ORD	-315	-315
07-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.01	AUD	ORD	-12,177	-12,177
07-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.01	AUD	ORD	-1,389	-1,389
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.01	AUD	ORD	-333	-333
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.05	AUD	ORD	-16,661	-16,661
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.01	AUD	ORD	-3,107	-3,107
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.01	AUD	ORD	-502	-502
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.01	AUD	ORD	-582	-582
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.01	AUD	ORD	-1,922	-1,922
07-May-19	BlackRock Japan Co., Ltd.	on mkt sell	18.01	AUD	ORD	-1,503	-1,503
07-May-19	BlackRock Advisors, LLC	on mkt sell	18.01	AUD	ORD	-2,758	-2,758
07-May-19	BlackRock Advisors, LLC	on mkt sell	18.01	AUD	ORD	-1,363	-1,363
07-May-19	BlackRock Advisors, LLC	on mkt sell	18.01	AUD	ORD	-2,361	-2,361
07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.01	AUD	ORD	-841	-841
07-May-19	BlackRock Asset Management Canada Limited	on mkt sell	18.01	AUD	ORD	-1,876	-1,876
07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.01	AUD	ORD	-5,010	-5,010
07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.01	AUD	ORD	-1,712	-1,712
07-May-19	BlackRock Investment Management, LLC	on mkt sell	18.01	AUD	ORD	-17,710	-17,710
07-May-19	BlackRock Investment Management, LLC	on mkt sell	18.01	AUD	ORD	-652	-652
07-May-19	BlackRock International Limited	on mkt sell	18.01	AUD	ORD	-5,481	-5,481
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-21,164	-21,164
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-2,161	-2,161
07-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.01	AUD	ORD	-1,468	-1,468
07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.01	AUD	ORD	-3,048	-3,048
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-6,190	-6,190
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-837	-837
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-4,403	-4,403
07-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.01	AUD	ORD	-974	-974
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.01	AUD	ORD	-7,569	-7,569
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.01	AUD	ORD	-5,937	-5,937
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	18.01	AUD	ORD	-3,865	-3,865
07-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	18.01	AUD	ORD	-973	-973
07-May-19	BlackRock Asset Management Canada Limited	on mkt sell	18.01	AUD	ORD	-1,313	-1,313
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-361	-361
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-3,396	-3,396
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-1,188	-1,188
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.01	AUD	ORD	-167	-167
07-May-19	BlackRock Advisors (UK) Limited	on mkt sell	17.92	AUD	ORD	-21,772	-21,772
07-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.92	AUD	ORD	39,797	39,797
07-May-19	BlackRock Investment Management, LLC	on mkt sell	17.92	AUD	ORD	-2,686	-2,686
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,569	2,569
07-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,404	4,404
07-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-30,819	-30,819
07-May-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,038	-4,038
07-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-99,801	-99,801

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08-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,336	-1,336
08-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -2,471	-2,471
08-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -4,905	-4,905
08-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -31,503	-31,503
08-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -2,610	-2,610
08-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -194	-194
08-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,104	-1,104
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,100	-1,100
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 64	64
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,009	3,009
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 966	966
08-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 441	441
08-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,321	3,321
08-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,243	6,243
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,184	-1,184
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,478	-3,478
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,219	-2,219
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,317	-13,317
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,274	-2,274
09-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,735	-2,735
09-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -4,248	-4,248
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,028	-2,028
09-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -4,042	-4,042
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -12,296	-12,296
09-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -1,964	-1,964
09-May-19	BlackRock International Limited	on mkt sell	AUD	ORD -10,931	-10,931
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -49,403	-49,403
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,525	-5,525
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -4,761	-4,761
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,110	-12,110
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,582	-1,582
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10,981	-10,981
09-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -16,252	-16,252
09-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -12,733	-12,733
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,852	-1,852
09-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,724	-1,724
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,393	-6,393
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,557	-2,557
09-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -11	-11
09-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -3,828	-3,828
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,035	-6,035
09-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,501	2,501
09-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,324	8,324
10-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 772	772
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,870	-3,870
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -572	-572
10-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -4,037	-4,037
10-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 14,567	14,567
10-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,243	6,243
10-May-19	BlackRock Fund Advisors	in specie	AUD	ORD -921	-921
10-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,299	1,299
13-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,476	4,476

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13-May-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 445	445
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -217	-217
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,730	-1,730
14-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -2,319	-2,319
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,949	-5,949
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,233	-1,233
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -170	-170
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,547	-4,547
14-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -7,742	-7,742
14-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -6,454	-6,454
14-May-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -4,656	-4,656
14-May-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -2,235	-2,235
14-May-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -1,357	-1,357
14-May-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -1,053	-1,053
14-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -11,532	-11,532
14-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,071	-2,071
14-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,626	-2,626
14-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,874	-1,874
14-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -901	-901
14-May-19	BlackRock International Limited	on mkt sell	AUD	ORD -6,683	-6,683
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10,256	-10,256
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,266	-1,266
14-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -7,678	-7,678
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,143	-2,143
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -8,228	-8,228
14-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -2,055	-2,055
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -5,109	-5,109
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,013	-4,013
14-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,003	-1,003
14-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -1,262	-1,262
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,419	-3,419
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,102	-2,102
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -648	-648
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -648	-648
14-May-19	BlackRock Fund Advisors	in specie	AUD	ORD -1,364	-1,364
14-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,199	1,199
14-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,078	2,078
14-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,243	6,243
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -8,195	-8,195
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,227	-1,227
15-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -11,930	-11,930
15-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 5,505	5,505
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -705	-705
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,387	-1,387
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,304	-5,304
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,149	-2,149
16-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,853	-3,853
16-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -19,547	-19,547
16-May-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,973	2,973
16-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -4,715	-4,715
16-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,257	-2,257
16-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,502	-1,502
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -8,329	-8,329

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16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,009	-1,009
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,168	-2,168
16-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -815	-815
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,109	-2,109
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,552	-2,552
16-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,276	-4,276
16-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,385	-3,385
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -249	-249
16-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -3,493	-3,493
16-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -163	-163
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,802	-6,802
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,049	-5,049
16-May-19	BlackRock International Limited	on mkt sell	AUD	ORD -5,091	-5,091
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,891	-12,891
16-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,522	-1,522
16-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -998	-998
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,014	2,014
17-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,184	8,184
20-May-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,973	2,973
20-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 3,234	3,234
20-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 189	189
20-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,959	-2,959
20-May-19	BlackRock (Netherlands) B.V.	in specie	AUD	ORD -62,602	-62,602
20-May-19	BlackRock (Netherlands) B.V.	in specie	AUD	ORD 62,602	62,602
20-May-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 53,838	53,838
21-May-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -884	-884
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,292	-2,292
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,417	-1,417
21-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,405	-1,405
21-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -5,939	-5,939
21-May-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -2,265	-2,265
21-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,150	-2,150
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -8,441	-8,441
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,293	-1,293
21-May-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,932	-1,932
21-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,081	-1,081
21-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,267	-1,267
21-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,419	-3,419
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,013	1,013
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -866	-866
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 775	775
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,033	3,033
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -16,515	-16,515
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -23,601	-23,601
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 33,392	33,392
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -33,392	-33,392
22-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 5,505	5,505
22-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 11,010	11,010
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -3,137	-3,137
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 13,596	13,596
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 3,075	3,075
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -9,315	-9,315

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23-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,935	-3,935
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -369	-369
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -8,522	-8,522
23-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -2,715	-2,715
23-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -935	-935
23-May-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -1,663	-1,663
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,135	-2,135
23-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 693	693
23-May-19	BlackRock Fund Advisors	in specie	AUD	ORD 693	693
23-May-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -61,744	-61,744
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -895	-895
24-May-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,513	-1,513
24-May-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 1	1
27-May-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -1	-1
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -13,857	-13,857
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 847	847
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,402	2,402
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,605	1,605
28-May-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,080	2,080
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,306	2,306
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 882	882
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,142	2,142
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 193	193
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,280	2,280
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 20,725	20,725
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 23,568	23,568
28-May-19	BlackRock International Limited	on mkt buy	AUD	ORD 4,890	4,890
28-May-19	BlackRock (Netherlands) B.V.	on mkt buy	AUD	ORD 350	350
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,503	3,503
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 39,079	39,079
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 3,025	3,025
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 22,038	22,038
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 670	670
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 10,103	10,103
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 457	457
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 10,525	10,525
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,028	3,028
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,194	1,194
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,937	1,937
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 13,398	13,398
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 17,723	17,723
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,775	4,775
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,530	6,530
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 927	927
28-May-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 322	322
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 27,519	27,519
28-May-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 10,085	10,085
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 112	112
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -305	-305
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,557	-2,557
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 7,210	7,210
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 4,823	4,823

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28-May-19	BlackRock Japan Co., Ltd.	on mkt buy	16.97	AUD	ORD	6,246	6,246
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	16.97	AUD	ORD	6,923	6,923
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	2,651	2,651
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	6,434	6,434
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	16.97	AUD	ORD	585	585
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	16.97	AUD	ORD	6,847	6,847
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	62,165	62,165
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	70,699	70,699
28-May-19	BlackRock International Limited	on mkt buy	16.97	AUD	ORD	14,662	14,662
28-May-19	BlackRock (Netherlands) B.V.	on mkt buy	16.97	AUD	ORD	1,052	1,052
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	10,505	10,505
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	117,220	117,220
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	9,072	9,072
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	66,103	66,103
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	2,017	2,017
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	30,301	30,301
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	1,379	1,379
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	31,567	31,567
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	9,081	9,081
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	3,585	3,585
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	5,819	5,819
28-May-19	BlackRock Fund Advisors	on mkt sell	16.97	AUD	ORD	-13,836	-13,836
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	40,186	40,186
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	53,160	53,160
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	14,320	14,320
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	19,587	19,587
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.97	AUD	ORD	-1,617	-1,617
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	2,784	2,784
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.97	AUD	ORD	-24,450	-24,450
28-May-19	BlackRock Investment Management, LLC	on mkt buy	16.97	AUD	ORD	973	973
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.97	AUD	ORD	82,548	82,548
28-May-19	BlackRock Fund Advisors	on mkt buy	16.97	AUD	ORD	30,249	30,249
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.97	AUD	ORD	338	338
28-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.72	AUD	ORD	-1,850	-1,850
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-7,592	-7,592
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-2,332	-2,332
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-8,010	-8,010
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-22,709	-22,709
29-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	16.71	AUD	ORD	-10,495	-10,495
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-7,397	-7,397
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-8,464	-8,464
29-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	16.72	AUD	ORD	1,993	1,993
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.72	AUD	ORD	882	882
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	16.72	AUD	ORD	1,065	1,065
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	16.72	AUD	ORD	-1,372	-1,372
29-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,896	-3,896
29-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,133	-62,133
30-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.79	AUD	ORD	-12,412	-12,412
30-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	16.86	AUD	ORD	7,703	7,703
30-May-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-148,097	-148,097
31-May-19	BlackRock Advisors, LLC	on mkt sell	16.65	AUD	ORD	-1,142	-1,142

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31-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -773	-773
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,425	-3,425
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,864	-2,864
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -129	-129
31-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -13,966	-13,966
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -387	-387
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,117	6,117
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 8,917	8,917
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 14,593	14,593
31-May-19	BlackRock Fund Advisors	in specie	AUD	ORD -6,621	-6,621
31-May-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 34,618	34,618
31-May-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 50,779	50,779
03-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -452	-452
03-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -318	-318
03-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 8,356	8,356
03-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -27,482	-27,482
03-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 2,000	2,000
03-Jun-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 19,566	19,566
03-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -34,703	-34,703
03-Jun-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 4,781	4,781
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,559	-1,559
04-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -67,956	-67,956
04-Jun-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -3,371	-3,371
04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,380	-2,380
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,539	-12,539
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,228	-2,228
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,422	-2,422
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,179	-2,179
04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,433	-2,433
04-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -2,875	-2,875
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,388	-12,388
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,692	-6,692
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,370	1,370
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -636	-636
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 10,782	10,782
04-Jun-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 19,864	19,864
04-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,792	-7,792
04-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 816	816
04-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -8,356	-8,356
04-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 26,643	26,643
04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -2,000	-2,000
04-Jun-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -19,566	-19,566
04-Jun-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -16,076	-16,076
04-Jun-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -4,781	-4,781
05-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 2,732	2,732
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,904	-1,904
05-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,014	-1,014
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,112	-1,112
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -2,133	-2,133
05-Jun-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -2,463	-2,463
05-Jun-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -3,280	-3,280

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05-Jun-19	BlackRock Japan Co., Ltd.	on mkt sell	16.72	AUD	ORD	-3,260	-3,260
05-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.65	AUD	ORD	1,323	1,323
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	16.65	AUD	ORD	-297	-297
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	16.65	AUD	ORD	-576	-576
05-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	739	739
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,786	8,786
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	816	816
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.74	AUD	ORD	-830	-830
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.74	AUD	ORD	-1,645	-1,645
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.74	AUD	ORD	-17,098	-17,098
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.74	AUD	ORD	-46,008	-46,008
06-Jun-19	BlackRock Advisors, LLC	on mkt sell	16.74	AUD	ORD	-2,395	-2,395
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.74	AUD	ORD	-6,083	-6,083
06-Jun-19	BlackRock Investment Management, LLC	on mkt buy	16.73	AUD	ORD	7,890	7,890
06-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	16.73	AUD	ORD	4,223	4,223
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	16.74	AUD	ORD	-1,997	-1,997
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.74	AUD	ORD	-6,990	-6,990
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.74	AUD	ORD	-27,473	-27,473
06-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	16.74	AUD	ORD	-371	-371
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.74	AUD	ORD	-5,623	-5,623
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.74	AUD	ORD	-4,868	-4,868
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.71	AUD	ORD	-2,205	-2,205
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.71	AUD	ORD	882	882
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	16.71	AUD	ORD	1,071	1,071
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	16.71	AUD	ORD	3,213	3,213
06-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	134	134
06-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-50,779	-50,779
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-6,311	-6,311
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-4,916	-4,916
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-1,595	-1,595
07-Jun-19	BlackRock Advisors, LLC	on mkt sell	16.70	AUD	ORD	-3,882	-3,882
07-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	16.70	AUD	ORD	-1,442	-1,442
07-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	16.70	AUD	ORD	-11,199	-11,199
07-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	16.70	AUD	ORD	-4,275	-4,275
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-28,983	-28,983
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-3,208	-3,208
07-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	16.70	AUD	ORD	-3,392	-3,392
07-Jun-19	BlackRock Advisors, LLC	on mkt sell	16.70	AUD	ORD	-1,119	-1,119
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-22,438	-22,438
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-3,565	-3,565
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-12,052	-12,052
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	16.70	AUD	ORD	-9,734	-9,734
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	16.70	AUD	ORD	-7,595	-7,595
07-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	16.70	AUD	ORD	-4,427	-4,427
07-Jun-19	BlackRock Investment Management, LLC	on mkt sell	16.70	AUD	ORD	-1,538	-1,538
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-16,094	-16,094
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.70	AUD	ORD	-4,790	-4,790
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	16.69	AUD	ORD	2,721	2,721

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07-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 473	473
07-Jun-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 9,745	9,745
07-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 18,281	18,281
10-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,792	-7,792
10-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 1	1
10-Jun-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -12,601	-12,601
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,173	-1,173
11-Jun-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,879	-1,879
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,139	-5,139
11-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,402	-3,402
11-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,775	2,775
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,104	1,104
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,104	1,104
11-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,493	1,493
11-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -18,281	-18,281
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 33,394	33,394
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,591	2,591
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -16,107	-16,107
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -887	-887
12-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -908	-908
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,080	1,080
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 276	276
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,792	-1,792
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 12,073	12,073
12-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,820	-3,820
12-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 105,371	105,371
13-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,384	6,384
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 11,600	11,600
13-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 134	134
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,422	4,422
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 961	961
13-Jun-19	BlackRock (Netherlands) B.V.	on mkt buy	AUD	ORD 380	380
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,563	11,563
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,080	6,080
13-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 2	2
14-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,304	3,304
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -26,856	-26,856
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -62,014	-62,014
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 924	924
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -891	-891
14-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 118,545	118,545
14-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -42,695	-42,695
14-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 693	693
14-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -11,312	-11,312
14-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -8,484	-8,484
14-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 6	6
17-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -614	-614
17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 102	102
17-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,570	3,570
17-Jun-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -6,210	-6,210
17-Jun-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -14,888	-14,888
17-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -10,353	-10,353
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -140	-140

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18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -570	-570
18-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,656	5,656
18-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -5	-5
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,511	-1,511
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -882	-882
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -877	-877
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,775	2,775
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,053	4,053
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 64	64
19-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -253	-253
19-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 606	606
19-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 3	3
19-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 24,692	24,692
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,242	-2,242
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -891	-891
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 725	725
20-Jun-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 6,330	6,330
20-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 200	200
20-Jun-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -3	-3
20-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -3	-3
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,275	-3,275
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 584	584
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 6,083	6,083
21-Jun-19	BlackRock (Singapore) Limited	on mkt buy	AUD	ORD 3,642	3,642
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 487	487
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,220	1,220
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,721	11,721
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 57,762	57,762
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,663	2,663
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 995	995
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,107	1,107
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 18,243	18,243
21-Jun-19	BlackRock (Singapore) Limited	on mkt buy	AUD	ORD 10,928	10,928
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,467	1,467
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,662	3,662
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 173,261	173,261
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 7,996	7,996
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -4,522	-4,522
21-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 2,994	2,994
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,327	3,327
21-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,648	3,648
21-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,430	-7,430
21-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -8,916	-8,916
21-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 41,708	41,708
24-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 282	282
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 876	876
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -11,690	-11,690
24-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,492	-1,492
24-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,394	2,394
24-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 8,228	8,228
24-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -41,708	-41,708

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25-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 42,734	42,734
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 145	145
25-Jun-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,453	1,453
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,767	1,767
25-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,455	-7,455
25-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -130,064	-130,064
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 26,822	26,822
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 5,556	5,556
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 571	571
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -206	-206
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 8,188	8,188
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -2,364	-2,364
26-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,896	-3,896
26-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -1	-1
27-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 27,123	27,123
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 43,899	43,899
27-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,161	2,161
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 65	65
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -11,869	-11,869
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,833	-3,833
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,745	4,745
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,482	1,482
28-Jun-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,792	-7,792
28-Jun-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 43,573	43,573
01-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,536	-4,536
01-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 16,123	16,123
01-Jul-19	BlackRock Asset Management North Asia Limited	in specie	AUD	ORD -21,144	-21,144
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 11,843	11,843
02-Jul-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 6,118	6,118
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 7,926	7,926
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,344	-4,344
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -422	-422
02-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 4,062	4,062
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,629	10,629
02-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 19,771	19,771
02-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 10,735	10,735
02-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 400	400
02-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 7,437	7,437
02-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 2	2
02-Jul-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 50,061	50,061
02-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 29,465	29,465
02-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 2,680	2,680
03-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,438	3,438
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 13,211	13,211
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 57,302	57,302
03-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 31,449	31,449
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 510	510
03-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 10,578	10,578
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	AUD	ORD -7,670	-7,670
03-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 8,199	8,199
03-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 82,502	82,502
03-Jul-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 2,259	2,259
03-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -13,913	-13,913
03-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 3,455	3,455

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
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,768	3,768
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 920	920
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,206	4,206
04-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 744	744
04-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -7,723	-7,723
04-Jul-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -1,375	-1,375
04-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 643	643
04-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -12	-12
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,086	1,086
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 204	204
05-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD -5,964	-5,964
05-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 1,335	1,335
05-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 15,277	15,277
05-Jul-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 8,806	8,806
05-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 3,063	3,063
05-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 926	926
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 148	148
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,086	1,086
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,777	11,777
08-Jul-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 4,878	4,878
08-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -17,715	-17,715
08-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 56,331	56,331
08-Jul-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -59,751	-59,751
08-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -19,259	-19,259
08-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -7,049	-7,049
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 38	38
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1	1
09-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 210	210
09-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 3	3
09-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1	1
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 17	17
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3	3
09-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 4	4
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6	6
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2	2
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 403	403
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,116	1,116
09-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,292	2,292
09-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 4,455	4,455
09-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 3,097	3,097
09-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,258	1,258
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 22,930	22,930
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,361	4,361
09-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 5,224	5,224
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 8,441	8,441
09-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,655	2,655
09-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,307	-1,307
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	AUD	ORD -13,817	-13,817
09-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 8,706	8,706
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 57,604	57,604
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 69,836	69,836

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10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 680	680
10-Jul-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 922	922
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 228	228
10-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,988	2,988
10-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,394	2,394
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 18,935	18,935
10-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 8,625	8,625
10-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -43,300	-43,300
10-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -91,000	-91,000
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 899	899
11-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 23,745	23,745
11-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 3,345	3,345
11-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 3,611	3,611
11-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,650	1,650
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 18,136	18,136
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,149	3,149
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,275	2,275
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,928	1,928
11-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 860	860
11-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 4,390	4,390
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,160	5,160
11-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,386	4,386
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 66	66
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 232	232
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 967	967
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,592	1,592
12-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 3,497	3,497
12-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 4,615	4,615
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 18,894	18,894
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,722	2,722
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,532	2,532
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,908	1,908
12-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 900	900
12-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,764	3,764
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,254	6,254
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,094	3,094
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -24,835	-24,835
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,864	6,864
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,680	1,680
12-Jul-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 7,748	7,748
12-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
12-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 100,011	100,011
15-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,483	3,483
15-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 10,660	10,660
15-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 18,962	18,962
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 605	605
16-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 18,092	18,092
16-Jul-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,300	-3,300
16-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 4,288	4,288
16-Jul-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -7,890	-7,890

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16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 25,182	25,182
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,854	1,854
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,247	2,247
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,783	1,783
16-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 867	867
16-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 4,783	4,783
16-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,691	5,691
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,172	2,172
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,344	-1,344
16-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,367	2,367
16-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
16-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,627	3,627
16-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD -2,790	-2,790
16-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 2,515	2,515
16-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 5,305	5,305
17-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 3,216	3,216
17-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,879	2,879
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 4,389	4,389
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 56,953	56,953
17-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,660	1,660
17-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,922	1,922
17-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,908	1,908
17-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,726	1,726
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,076	1,076
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 166	166
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,925	-3,925
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 5,725	5,725
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,112	2,112
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,902	6,902
17-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 14,933	14,933
17-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 11,572	11,572
17-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -2,515	-2,515
17-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -307,019	-307,019
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 785	785
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 107	107
18-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 3,239	3,239
18-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 5,936	5,936
18-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 2,901	2,901
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 12,395	12,395
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,303	1,303
18-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 899	899
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 20,049	20,049
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,544	5,544
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,853	2,853
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,271	2,271
18-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,550	1,550
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,323	3,323
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,086	1,086
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,172	2,172
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 20,309	20,309
19-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 486	486
19-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 787	787
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -618	-618

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19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 14,118	14,118
19-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,392	1,392
19-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,618	6,618
19-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 102,002	102,002
22-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 492	492
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 15,758	15,758
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 372,980	372,980
22-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 458,166	458,166
22-Jul-19	BlackRock Financial Management, Inc.	in specie	AUD	ORD -13,802	-13,802
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,287	1,287
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,827	2,827
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 958	958
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,993	2,993
23-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 3,177	3,177
23-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 1,203	1,203
23-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 9,287	9,287
23-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 2,630	2,630
23-Jul-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,038	1,038
23-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 4,482	4,482
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 26,886	26,886
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,447	2,447
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 19,887	19,887
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,274	2,274
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 8,644	8,644
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 5,713	5,713
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 4,663	4,663
23-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,611	3,611
23-Jul-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,160	1,160
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,036	6,036
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,538	4,538
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 136	136
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 260	260
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,604	-1,604
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -6,730	-6,730
23-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -560,065	-560,065
23-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 101,896	101,896
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,465	1,465
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,575	10,575
24-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 6,005	6,005
24-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 6,063	6,063
24-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,160	1,160
24-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,373	1,373
24-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 3,244	3,244
24-Jul-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 2,994	2,994
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,170	2,170
24-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 5,215	5,215
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,781	8,781
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 16,949	16,949
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 14,566	14,566
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 16,128	16,128
24-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,233	-2,233

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24-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,319	2,319
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,090	1,090
24-Jul-19	BlackRock International Limited	on mkt sell	AUD	ORD -3,096	-3,096
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,004	4,004
24-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 101,895	101,895
24-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -101,896	-101,896
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 591	591
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,326	1,326
25-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,718	1,718
25-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,499	2,499
25-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 5,212	5,212
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 12,257	12,257
25-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 4,542	4,542
25-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,619	3,619
25-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,454	1,454
25-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,344	4,344
25-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,285	3,285
25-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,824	8,824
25-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 6	6
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 846	846
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,208	2,208
26-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,713	-13,713
26-Jul-19	BlackRock Fund Advisors	in specie	AUD	ORD -719	-719
26-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 466,686	466,686
29-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 390	390
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,096	1,096
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,125	1,125
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 414	414
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,104	1,104
29-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -568,680	-568,680
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 1,680	1,680
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,352	1,352
30-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 9,468	9,468
30-Jul-19	BlackRock International Limited	on mkt buy	AUD	ORD 3,562	3,562
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,468	3,468
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,564	2,564
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 278	278
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 206	206
30-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 102,000	102,000
30-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 640,822	640,822
31-Jul-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 17,997	17,997
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,096	2,096
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 23,098	23,098
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 12,468	12,468
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,947	1,947
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,442	4,442
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 27,477	27,477
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,087	1,087
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 895	895
31-Jul-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 9,831	9,831
31-Jul-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -45,213	-45,213
31-Jul-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -640,832	-640,832
31-Jul-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 61,951	61,951
31-Jul-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 351,883	351,883
31-Jul-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 156,779	156,779
31-Jul-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 17,251	17,251
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,876	8,876

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
01-Aug-19	BlackRock International Limited	on mkt buy	15.63	AUD	ORD	4,516	4,516
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.58	AUD	ORD	-2,340	-2,340
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.58	AUD	ORD	-8,542	-8,542
01-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,438	-1,438
01-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-3,658	-3,658
01-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	102,000	102,000
01-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-29,054	-29,054
01-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,072	-4,072
01-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	35,120	35,120
01-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,732	-1,732
01-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-28,102	-28,102
02-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	15.50	AUD	ORD	1,538	1,538
02-Aug-19	BlackRock International Limited	on mkt buy	15.50	AUD	ORD	6,244	6,244
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.50	AUD	ORD	5,616	5,616
02-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.53	AUD	ORD	32,758	32,758
02-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,123	-2,123
02-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-102,000	-102,000
02-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	11,643	11,643
02-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,686	11,686
02-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8,565	8,565
02-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,742	1,742
05-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.18	AUD	ORD	-16,675	-16,675
05-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	808	808
05-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	322	322
05-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	39,068	39,068
05-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-11,423	-11,423
05-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,802	11,802
05-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,641	-14,641
05-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,057	-3,057
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.90	AUD	ORD	17,444	17,444
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.99	AUD	ORD	4,004	4,004
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	14.99	AUD	ORD	1,087	1,087
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.99	AUD	ORD	-1,251	-1,251
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.99	AUD	ORD	-315	-315
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.99	AUD	ORD	-1,529	-1,529
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.99	AUD	ORD	-572	-572
06-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-350	-350
06-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	62,847	62,847
06-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-5,674	-5,674
06-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-8,813	-8,813
06-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	15,321	15,321
06-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	749	749
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.92	AUD	ORD	21,497	21,497
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.92	AUD	ORD	13,552	13,552
07-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.92	AUD	ORD	36,296	36,296
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	14.92	AUD	ORD	1,416	1,416
07-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	14.92	AUD	ORD	1,395	1,395
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	14.95	AUD	ORD	1,200	1,200
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.90	AUD	ORD	-560	-560
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.90	AUD	ORD	-945	-945
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	14.90	AUD	ORD	66	66
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.90	AUD	ORD	-315	-315
07-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	14.90	AUD	ORD	17,652	17,652
07-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-50,978	-50,978
07-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	658,962	658,962

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07-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-27,443	-27,443
07-Aug-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-362,487	-362,487
07-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-201,144	-201,144
07-Aug-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-14,954	-14,954
08-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.03	AUD	ORD	22,795	22,795
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.06	AUD	ORD	-1,354	-1,354
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.06	AUD	ORD	-1,354	-1,354
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.06	AUD	ORD	-196	-196
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.06	AUD	ORD	-27,297	-27,297
08-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,904	2,904
08-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,411	-8,411
08-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	3,287	3,287
08-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	9,127	9,127
08-Aug-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-88,901	-88,901
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.95	AUD	ORD	4,576	4,576
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	14.95	AUD	ORD	2,685	2,685
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.95	AUD	ORD	10,124	10,124
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.95	AUD	ORD	7,280	7,280
09-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
09-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-85,805	-85,805
09-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,287	-3,287
09-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,127	-9,127
12-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,792	-7,792
12-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2,905	-2,905
12-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	103,347	103,347
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.24	AUD	ORD	983	983
13-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.24	AUD	ORD	32,836	32,836
13-Aug-19	BlackRock Advisors, LLC	on mkt buy	15.24	AUD	ORD	1,862	1,862
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.24	AUD	ORD	1,474	1,474
13-Aug-19	BlackRock Asset Management Canada Limited	on mkt buy	15.24	AUD	ORD	1,474	1,474
13-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.24	AUD	ORD	3,073	3,073
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	15.27	AUD	ORD	1,090	1,090
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.27	AUD	ORD	-1,347	-1,347
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	15.27	AUD	ORD	3,270	3,270
13-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.27	AUD	ORD	-10,772	-10,772
13-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	165	165
13-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-97,402	-97,402
13-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,500	2,500
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	15.34	AUD	ORD	-8,232	-8,232
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.18	AUD	ORD	6,320	6,320
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.17	AUD	ORD	1,862	1,862
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.17	AUD	ORD	49,790	49,790
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.17	AUD	ORD	5,058	5,058
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.17	AUD	ORD	2,315	2,315
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.17	AUD	ORD	2,371	2,371
14-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.17	AUD	ORD	2,148	2,148
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	15.20	AUD	ORD	4,624	4,624
14-Aug-19	BlackRock Investment Management, LLC	on mkt buy	15.13	AUD	ORD	1,389	1,389
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.13	AUD	ORD	4,331	4,331
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.13	AUD	ORD	-572	-572
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,896	-3,896

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14-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,010	-1,010
14-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	362,217	362,217
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.39	AUD	ORD	-490	-490
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.39	AUD	ORD	-490	-490
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	14.46	AUD	ORD	-16,079	-16,079
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.39	AUD	ORD	7,511	7,511
15-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,740	2,740
15-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-228,033	-228,033
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.48	AUD	ORD	-621	-621
16-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.48	AUD	ORD	-2,426	-2,426
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.48	AUD	ORD	-13,154	-13,154
16-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	14.48	AUD	ORD	-1,662	-1,662
16-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.48	AUD	ORD	-3,627	-3,627
16-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	14.47	AUD	ORD	5,809	5,809
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,299	1,299
16-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-806,791	-806,791
16-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,020	-2,020
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-1,588	-1,588
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-2,880	-2,880
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	14.84	AUD	ORD	8,791	8,791
19-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-480	-480
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-2,643	-2,643
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-2,637	-2,637
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-3,771	-3,771
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-2,464	-2,464
20-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.77	AUD	ORD	-2,800	-2,800
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	14.77	AUD	ORD	-2,013	-2,013
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	14.77	AUD	ORD	-48,437	-48,437
20-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.77	AUD	ORD	-7,700	-7,700
20-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.77	AUD	ORD	-2,085	-2,085
20-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.77	AUD	ORD	-9,273	-9,273
20-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.77	AUD	ORD	-3,614	-3,614
20-Aug-19	BlackRock International Limited	on mkt sell	14.77	AUD	ORD	-5,843	-5,843
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-11,448	-11,448
20-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.77	AUD	ORD	-4,108	-4,108
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-42,399	-42,399
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-4,307	-4,307
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-8,031	-8,031
20-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.77	AUD	ORD	-4,002	-4,002
20-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.77	AUD	ORD	-3,283	-3,283
20-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.77	AUD	ORD	-1,762	-1,762
20-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	14.77	AUD	ORD	-7,106	-7,106
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-12,929	-12,929
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.77	AUD	ORD	-8,637	-8,637
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.76	AUD	ORD	4,624	4,624
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.76	AUD	ORD	461	461
20-Aug-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-6,362	-6,362

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21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.76	AUD	ORD	-1,722	-1,722
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.76	AUD	ORD	-846	-846
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.76	AUD	ORD	-2,297	-2,297
21-Aug-19	BlackRock Investment Management, LLC	on mkt sell	14.76	AUD	ORD	-4,336	-4,336
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	14.76	AUD	ORD	-1,698	-1,698
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.76	AUD	ORD	-1,082	-1,082
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.76	AUD	ORD	-485	-485
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	14.76	AUD	ORD	-22,091	-22,091
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	14.76	AUD	ORD	-12,190	-12,190
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	14.76	AUD	ORD	-8,114	-8,114
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	14.76	AUD	ORD	-2,755	-2,755
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	14.76	AUD	ORD	-3,064	-3,064
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	14.76	AUD	ORD	-5,208	-5,208
21-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	14.76	AUD	ORD	-4,001	-4,001
21-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.76	AUD	ORD	-38,364	-38,364
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	14.76	AUD	ORD	-4,223	-4,223
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	14.76	AUD	ORD	-6,703	-6,703
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.76	AUD	ORD	-11,377	-11,377
21-Aug-19	BlackRock Investment Management, LLC	on mkt sell	14.76	AUD	ORD	-1,619	-1,619
21-Aug-19	BlackRock Investment Management, LLC	on mkt sell	14.76	AUD	ORD	-1,082	-1,082
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	14.76	AUD	ORD	-6,794	-6,794
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	14.76	AUD	ORD	-15,309	-15,309
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.78	AUD	ORD	-3,785	-3,785
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.78	AUD	ORD	-2,581	-2,581
21-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.78	AUD	ORD	-2,400	-2,400
21-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	14.66	AUD	ORD	-4,090	-4,090
21-Aug-19	BlackRock Fund Advisors	on mkt sell	14.65	AUD	ORD	-11,159	-11,159
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	14.83	AUD	ORD	1,734	1,734
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	14.83	AUD	ORD	1,103	1,103
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-2,331	-2,331
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-2,515	-2,515
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-5,271	-5,271
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-2,460	-2,460
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.96	AUD	ORD	-3,114	-3,114
22-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	14.96	AUD	ORD	-24,205	-24,205
22-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.96	AUD	ORD	-9,864	-9,864
22-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.96	AUD	ORD	-1,873	-1,873
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.96	AUD	ORD	-11,213	-11,213
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.96	AUD	ORD	-4,354	-4,354
22-Aug-19	BlackRock International Limited	on mkt sell	14.96	AUD	ORD	-6,149	-6,149
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-16,177	-16,177
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-1,421	-1,421
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.96	AUD	ORD	-4,193	-4,193
22-Aug-19	BlackRock Advisors, LLC	on mkt sell	14.96	AUD	ORD	-1,524	-1,524
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-50,262	-50,262
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-5,192	-5,192
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-9,418	-9,418
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.96	AUD	ORD	-4,669	-4,669
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.96	AUD	ORD	-3,858	-3,858
22-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	14.96	AUD	ORD	-865	-865

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22-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -8,956	-8,956
22-Aug-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -976	-976
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -16,722	-16,722
22-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,187	-12,187
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -470	-470
22-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,412	-4,412
22-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 200,300	200,300
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,860	-2,860
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,360	-2,360
23-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,116	-3,116
23-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -8,499	-8,499
23-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,916	-1,916
23-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -9,897	-9,897
23-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -3,850	-3,850
23-Aug-19	BlackRock International Limited	on mkt sell	AUD	ORD -6,513	-6,513
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,517	-13,517
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,250	-1,250
23-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -3,768	-3,768
23-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,365	-1,365
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -42,518	-42,518
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,375	-4,375
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -8,523	-8,523
23-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,834	-4,834
23-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,945	-3,945
23-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -7,333	-7,333
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -14,736	-14,736
23-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -11,488	-11,488
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,890	2,890
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 461	461
23-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD -10,563	-10,563
23-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -49,823	-49,823
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,856	-3,856
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,018	-3,018
26-Aug-19	BlackRock (Singapore) Limited	on mkt sell	AUD	ORD -1,695	-1,695
26-Aug-19	BlackRock Fund Advisors	in specie	AUD	ORD -4,524	-4,524
26-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -659	-659
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 820	820
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 4,566	4,566
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -376	-376
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -357	-357
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2	-2
27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,225	-1,225
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -6	-6
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1	-1
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -6	-6
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2	-2
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10	-10
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2	-2
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1	-1
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -26	-26

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27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-3	-3
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-5	-5
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.96	AUD	ORD	-3	-3
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	14.96	AUD	ORD	-3	-3
27-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	14.96	AUD	ORD	-5	-5
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-7	-7
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-8	-8
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	14.96	AUD	ORD	-1	-1
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-3,435	-3,435
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-3,266	-3,266
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-1,382	-1,382
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.15	AUD	ORD	-3,619	-3,619
27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.15	AUD	ORD	-11,201	-11,201
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.15	AUD	ORD	-12,068	-12,068
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.15	AUD	ORD	-2,103	-2,103
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.15	AUD	ORD	-11,776	-11,776
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.15	AUD	ORD	-4,575	-4,575
27-Aug-19	BlackRock International Limited	on mkt sell	15.15	AUD	ORD	-7,104	-7,104
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-20,231	-20,231
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-1,726	-1,726
27-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.15	AUD	ORD	-4,715	-4,715
27-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.15	AUD	ORD	-1,867	-1,867
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-53,270	-53,270
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-6,033	-6,033
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-10,176	-10,176
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.15	AUD	ORD	-6,327	-6,327
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.15	AUD	ORD	-5,096	-5,096
27-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	15.15	AUD	ORD	-9,300	-9,300
27-Aug-19	BlackRock Investment Management, LLC	on mkt sell	15.15	AUD	ORD	-1,103	-1,103
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-15,013	-15,013
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.15	AUD	ORD	-15,269	-15,269
27-Aug-19	BlackRock International Limited	on mkt buy	15.23	AUD	ORD	6,225	6,225
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-4,758	-4,758
27-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-19,503	-19,503
27-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	723,806	723,806
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	15.23	AUD	ORD	-20,344	-20,344
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-4,077	-4,077
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-3,090	-3,090
28-Aug-19	BlackRock Investment Management, LLC	on mkt sell	15.23	AUD	ORD	-6,573	-6,573
28-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	15.23	AUD	ORD	-2,929	-2,929
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-1,791	-1,791
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.23	AUD	ORD	-1,099	-1,099
28-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	15.23	AUD	ORD	-3,850	-3,850
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.24	AUD	ORD	-3,969	-3,969
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	15.23	AUD	ORD	-11,112	-11,112
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	15.23	AUD	ORD	-4,446	-4,446
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	15.23	AUD	ORD	-5,016	-5,016
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	15.23	AUD	ORD	-6,977	-6,977
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	15.23	AUD	ORD	-6,294	-6,294
28-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	15.23	AUD	ORD	-8,003	-8,003

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28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.24	AUD	ORD	-52,875	-52,875
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.23	AUD	ORD	-15,031	-15,031
28-Aug-19	BlackRock Investment Management, LLC	on mkt sell	15.23	AUD	ORD	-3,281	-3,281
28-Aug-19	BlackRock Investment Management, LLC	on mkt sell	15.23	AUD	ORD	-371	-371
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.24	AUD	ORD	-2,229	-2,229
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.24	AUD	ORD	-4,153	-4,153
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-237	-237
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.25	AUD	ORD	-9,388	-9,388
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.25	AUD	ORD	-2,869	-2,869
28-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.25	AUD	ORD	-2,809	-2,809
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.24	AUD	ORD	-2,254	-2,254
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.24	AUD	ORD	1,176	1,176
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,024	-18,024
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	606	606
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,008	-6,008
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	404	404
28-Aug-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	103,323	103,323
28-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	42,634	42,634
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-440	-440
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-356	-356
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-178	-178
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.23	AUD	ORD	-447	-447
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.23	AUD	ORD	-344	-344
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.23	AUD	ORD	-948	-948
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.23	AUD	ORD	-143	-143
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.23	AUD	ORD	-119	-119
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	15.23	AUD	ORD	-230	-230
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.23	AUD	ORD	-1,338	-1,338
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.23	AUD	ORD	-524	-524
29-Aug-19	BlackRock Investment Management, LLC	on mkt sell	15.23	AUD	ORD	-142	-142
29-Aug-19	BlackRock International Limited	on mkt sell	15.23	AUD	ORD	-877	-877
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-2,741	-2,741
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-203	-203
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	15.23	AUD	ORD	-526	-526
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.23	AUD	ORD	-147	-147
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-4,716	-4,716
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-448	-448
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-1,173	-1,173
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.23	AUD	ORD	-945	-945
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.23	AUD	ORD	-771	-771
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	15.23	AUD	ORD	-895	-895
29-Aug-19	BlackRock Investment Management, LLC	on mkt sell	15.23	AUD	ORD	-128	-128
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-2,000	-2,000
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.23	AUD	ORD	-1,397	-1,397
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.24	AUD	ORD	-4,031	-4,031
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.24	AUD	ORD	-3,266	-3,266
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.24	AUD	ORD	-1,630	-1,630
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	15.24	AUD	ORD	-346	-346
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.24	AUD	ORD	-3,156	-3,156
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.24	AUD	ORD	-8,696	-8,696
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	15.24	AUD	ORD	-1,311	-1,311

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29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-1,087	-1,087
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD	-2,106	-2,106
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-12,276	-12,276
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-4,810	-4,810
29-Aug-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,298	-1,298
29-Aug-19	BlackRock International Limited	on mkt sell	AUD	ORD	-8,045	-8,045
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-25,140	-25,140
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,865	-1,865
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-4,825	-4,825
29-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-1,347	-1,347
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-43,240	-43,240
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-4,113	-4,113
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-10,759	-10,759
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-8,665	-8,665
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-7,073	-7,073
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD	-8,212	-8,212
29-Aug-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,173	-1,173
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-18,347	-18,347
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-12,810	-12,810
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-1,369	-1,369
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-3,757	-3,757
29-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-663,140	-663,140
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-5,081	-5,081
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-4,013	-4,013
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,788	-1,788
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-4,410	-4,410
30-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-10,066	-10,066
30-Aug-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD	-2,868	-2,868
30-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-1,091	-1,091
30-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-14,758	-14,758
30-Aug-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,222	-1,222
30-Aug-19	BlackRock International Limited	on mkt sell	AUD	ORD	-9,301	-9,301
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-26,583	-26,583
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,315	-3,315
30-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-5,745	-5,745
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-13,055	-13,055
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-7,160	-7,160
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-5,598	-5,598
30-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD	-8,141	-8,141
30-Aug-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,508	-1,508
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-17,094	-17,094
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-13,542	-13,542
30-Aug-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	2,231	2,231
30-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	922	922
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	212	212
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	3,677	3,677
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	ORD	2,714	2,714
30-Aug-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	617,261	617,261
30-Aug-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	103,299	103,299
02-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-6,358	-6,358

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02-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,834	-2,834
02-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 4,645	4,645
02-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -720,560	-720,560
02-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -103,299	-103,299
03-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 5,992	5,992
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,468	3,468
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -8,704	-8,704
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 424	424
03-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -6,713	-6,713
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -34,955	-34,955
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -589	-589
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -46,867	-46,867
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -4,398	-4,398
04-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,824	-3,824
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -9,144	-9,144
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,217	-4,217
04-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -4,664	-4,664
04-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,003	-3,003
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,399	-2,399
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -8,686	-8,686
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -7,108	-7,108
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -8,125	-8,125
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -5,245	-5,245
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -4,410	-4,410
04-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -7,865	-7,865
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -15,458	-15,458
04-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -2,807	-2,807
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,192	-1,192
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -24,177	-24,177
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -11,214	-11,214
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,175	-2,175
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,221	-2,221
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,360	-4,360
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 140	140
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 66	66
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,657	6,657
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 719	719
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,157	2,157
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,438	1,438
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,010	1,010
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 26,472	26,472
04-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 6,618	6,618
04-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 8	8
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -522	-522
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,443	-2,443
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,138	-3,138
05-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,033	-1,033
05-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -9,337	-9,337
05-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -3,709	-3,709
05-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD -5,860	-5,860
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,934	-13,934
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -7,919	-7,919
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -3,483	-3,483
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,763	-2,763

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05-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,405	-1,405
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-5,109	-5,109
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	318	318
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD	-12,151	-12,151
05-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD	2,360	2,360
05-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD	1,416	1,416
05-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD	11,030	11,030
05-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	-1	-1
05-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	34,091	34,091
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,599	-1,599
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-173	-173
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-2,552	-2,552
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-10,751	-10,751
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-4,201	-4,201
06-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,084	-1,084
06-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD	-6,319	-6,319
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-20,603	-20,603
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-2,707	-2,707
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-19,786	-19,786
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-9,145	-9,145
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-4,113	-4,113
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-3,286	-3,286
06-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,135	-1,135
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-4,635	-4,635
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	6,936	6,936
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	564	564
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	66	66
06-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD	719	719
06-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD	1,888	1,888
06-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	1	1
06-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	5,363	5,363
09-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,248	-3,248
09-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-727	-727
09-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	712	712
09-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD	6,618	6,618
09-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	-75	-75
09-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	249,738	249,738
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	AUD	ORD	-189,955	-189,955
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,850	-3,850
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,467	-1,467
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-1,435	-1,435
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-1,238	-1,238
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-1,292	-1,292
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD	-31,446	-31,446
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-959	-959
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-11,931	-11,931
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-4,952	-4,952
10-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD	-1,121	-1,121
10-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD	-7,187	-7,187
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-26,527	-26,527
10-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD	-3,957	-3,957
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-22,523	-22,523

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10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10,528	-10,528
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -5,327	-5,327
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,256	-4,256
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -6,618	-6,618
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,624	4,624
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,147	1,147
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 420	420
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 840	840
10-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,124	2,124
10-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,002	-3,002
10-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 420,524	420,524
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -6,115	-6,115
11-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,145	3,145
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,880	-3,880
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -635	-635
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,979	-1,979
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -94,664	-94,664
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -1,297	-1,297
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -8,666	-8,666
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -2,775	-2,775
11-Sep-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD -2,563	-2,563
11-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -10,775	-10,775
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -24,588	-24,588
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -13,002	-13,002
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,641	-1,641
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -11,106	-11,106
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,371	-2,371
11-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,371	-2,371
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 560	560
11-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 826	826
11-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD -5,856	-5,856
11-Sep-19	BlackRock (Netherlands) B.V.	in specie	AUD	ORD -5,891	-5,891
11-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -631	-631
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,335	-3,335
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -364	-364
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,217	-2,217
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,281	-1,281
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -603	-603
12-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,211	-2,211
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,527	-1,527
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -15,422	-15,422
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -6,388	-6,388
12-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -2,042	-2,042
12-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD -10,709	-10,709
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,076	-12,076
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -1,848	-1,848
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -24,246	-24,246
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,708	-13,708
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -7,621	-7,621
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -5,481	-5,481
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,675	-5,675
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 700	700
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 424	424

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12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,633	-3,633
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	AUD	ORD -11,773	-11,773
12-Sep-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD 8	8
12-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 22,444	22,444
12-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -709,085	-709,085
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 93	93
12-Sep-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 4,326	4,326
12-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 6,070	6,070
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,910	-2,910
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -332	-332
13-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -12,259	-12,259
13-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -4,999	-4,999
13-Sep-19	BlackRock Investment Management, LLC	on mkt sell	AUD	ORD -1,372	-1,372
13-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD -8,082	-8,082
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -38,950	-38,950
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -18,917	-18,917
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10,626	-10,626
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,709	-4,709
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -4,284	-4,284
13-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,070	-5,070
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,115	2,115
13-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 826	826
13-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 556	556
13-Sep-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD -8	-8
13-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 342,809	342,809
13-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -93	-93
13-Sep-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -4,326	-4,326
13-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -6,070	-6,070
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,025	-1,025
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -12,349	-12,349
16-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 719	719
16-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,920	2,920
16-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 21,290	21,290
16-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 630,706	630,706
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -401	-401
17-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD -3,873	-3,873
17-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -7,183	-7,183
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 568	568
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 896	896
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 568	568
17-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -731,703	-731,703
17-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 102,987	102,987
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -632	-632
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,157	-1,157
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,707	8,707
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -15,698	-15,698
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -38,985	-38,985
18-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,036	-2,036
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 922	922
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 700	700
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 424	424
18-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 49	49
18-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -733,693	-733,693
19-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -428	-428

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19-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -34,442	-34,442
19-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD -2,712	-2,712
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 560	560
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 892	892
19-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 33,003	33,003
19-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 64	64
19-Sep-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 11	11
19-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 7	7
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -50,557	-50,557
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,046	4,046
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -558	-558
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -6,576	-6,576
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 980	980
20-Sep-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -3,461	-3,461
20-Sep-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -8,146	-8,146
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,755	3,755
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,391	4,391
20-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -1,142	-1,142
20-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,896	-3,896
20-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -117,393	-117,393
20-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 21,403	21,403
20-Sep-19	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD 3,391	3,391
20-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 167	167
20-Sep-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 7,309	7,309
20-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 747,027	747,027
20-Sep-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD 721	721
23-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -25,813	-25,813
23-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 134	134
23-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,412	4,412
23-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 105,798	105,798
23-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -21,467	-21,467
23-Sep-19	BlackRock Capital Management, Inc.	collateral transfer	AUD	ORD -3,391	-3,391
23-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -167	-167
23-Sep-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -7,321	-7,321
23-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -747,034	-747,034
23-Sep-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -721	-721
24-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -8,766	-8,766
24-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,120	1,120
24-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -726	-726
24-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,128	1,128
24-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 869,788	869,788
24-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 103,476	103,476
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -54,264	-54,264
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -3,643	-3,643
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -59,734	-59,734
25-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -2,092	-2,092
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,202	5,202
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -410	-410
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 8,359	8,359
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -4,309	-4,309
25-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -764,644	-764,644
25-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 1,059,464	1,059,464
25-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -103,476	-103,476
26-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -15,566	-15,566

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26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -4,076	-4,076
26-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 680	680
26-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,030	-3,030
26-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 20	20
26-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -1,059,464	-1,059,464
27-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -6,254	-6,254
27-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,683	-2,683
27-Sep-19	BlackRock International Limited	on mkt sell	AUD	ORD -2,872	-2,872
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,649	-5,649
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -17,728	-17,728
27-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,683	-1,683
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 7,199	7,199
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,816	1,816
27-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 30,359	30,359
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 35,970	35,970
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -35,970	-35,970
27-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD 330	330
27-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -267,451	-267,451
27-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 307,566	307,566
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,780	5,780
30-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,862	2,862
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,096	1,096
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,512	-4,512
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -11,581	-11,581
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -9,996	-9,996
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -25,647	-25,647
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 7,439	7,439
30-Sep-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 7,069	7,069
30-Sep-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,792	-7,792
30-Sep-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -113,108	-113,108
30-Sep-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -307,566	-307,566
30-Sep-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 743,258	743,258
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 20,213	20,213
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,586	2,586
01-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,762	-2,762
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -19,310	-19,310
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,801	-5,801
01-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -157	-157
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 578	578
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 896	896
01-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,161	2,161
01-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,161	2,161
01-Oct-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -13,348	-13,348
01-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 180	180
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -20,041	-20,041
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 705	705
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 705	705
02-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 6,003	6,003
03-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,082	3,082
03-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 558	558
03-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 56,644	56,644

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03-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,629	-5,629
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.64	AUD	ORD	16,184	16,184
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.64	AUD	ORD	1,109	1,109
04-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.64	AUD	ORD	17,106	17,106
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,818	1,818
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,732	-1,732
04-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-14,161	-14,161
04-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,610	1,610
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	15.69	AUD	ORD	-2,798	-2,798
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.69	AUD	ORD	560	560
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.69	AUD	ORD	66	66
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	680	680
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,020	2,020
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,626	2,626
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-3,859	-3,859
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,102	3,102
07-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	7,854	7,854
07-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-42,484	-42,484
07-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	7,720	7,720
07-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	292,116	292,116
07-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-307,240	-307,240
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	102,362	102,362
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.81	AUD	ORD	-5,512	-5,512
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.79	AUD	ORD	13,294	13,294
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.79	AUD	ORD	1,260	1,260
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.79	AUD	ORD	36,213	36,213
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.79	AUD	ORD	3,008	3,008
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-37,842	-37,842
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	606	606
08-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	4,951	4,951
08-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-4,277	-4,277
08-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	24,948	24,948
08-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-29,574	-29,574
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.47	AUD	ORD	-61,637	-61,637
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.46	AUD	ORD	-12,997	-12,997
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.45	AUD	ORD	14,727	14,727
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	15.45	AUD	ORD	-6,449	-6,449
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	15.45	AUD	ORD	-4,998	-4,998
09-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	15.45	AUD	ORD	3,637	3,637
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,440	-5,440
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,678	-6,678
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,678	-6,678
09-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-2,913	-2,913
09-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	296	296
09-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,988	11,988
09-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,317	-15,317
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.52	AUD	ORD	896	896
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.52	AUD	ORD	2,224	2,224
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	15.52	AUD	ORD	-4,200	-4,200
10-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-5,006	-5,006
10-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	13,848	13,848
10-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	116,119	116,119
10-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-122,899	-122,899
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.66	AUD	ORD	564	564
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	15.66	AUD	ORD	-182	-182
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	15.66	AUD	ORD	-318	-318
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	660	660
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,820	2,820

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11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,820	2,820
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,640	5,640
11-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-717	-717
11-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	16,245	16,245
11-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-7,272	-7,272
11-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-32,618	-32,618
11-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	40,458	40,458
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,720	2,720
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,160	12,160
14-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.96	AUD	ORD	1,128	1,128
14-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	243	243
14-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	44,462	44,462
14-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,661	-7,661
14-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	629	629
14-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-16,763	-16,763
14-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	14,571	14,571
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	558	558
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	134	134
15-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.01	AUD	ORD	-759	-759
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
15-Oct-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-4,412	-4,412
15-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-10,445	-10,445
15-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	256,311	256,311
15-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-10,945	-10,945
15-Oct-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-395,789	-395,789
15-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-325,421	-325,421
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	16.12	AUD	ORD	30,745	30,745
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.11	AUD	ORD	-48,790	-48,790
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.11	AUD	ORD	461	461
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	16.11	AUD	ORD	2,206	2,206
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	16.11	AUD	ORD	1,400	1,400
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	16.11	AUD	ORD	636	636
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	16.11	AUD	ORD	700	700
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	16.11	AUD	ORD	565	565
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	16.11	AUD	ORD	-1,983	-1,983
16-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	727,039	727,039
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.13	AUD	ORD	-276	-276
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.13	AUD	ORD	-37	-37
17-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	16.05	AUD	ORD	3,371	3,371
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.05	AUD	ORD	-1,697	-1,697
17-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.05	AUD	ORD	-229	-229
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	16.04	AUD	ORD	-27,638	-27,638
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.02	AUD	ORD	1,713	1,713
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	16.02	AUD	ORD	157	157
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,040	2,040
17-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-176,045	-176,045
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.84	AUD	ORD	-925	-925
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.84	AUD	ORD	-390	-390
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	15.85	AUD	ORD	2,855	2,855
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.85	AUD	ORD	548	548
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.85	AUD	ORD	411	411
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	15.85	AUD	ORD	2,877	2,877
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.85	AUD	ORD	-58,165	-58,165
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,322	4,322
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,896	-3,896
18-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-573,516	-573,516
21-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,072	-1,072
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	15.94	AUD	ORD	-331	-331

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21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -264	-264
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -3,965	-3,965
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,342	2,342
21-Oct-19	BlackRock Advisors (UK) Limited	in specie	AUD	ORD 2,262	2,262
21-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 1	1
21-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 1,173,444	1,173,444
22-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -202	-202
22-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 922	922
22-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -1	-1
22-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -34	-34
23-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -807	-807
23-Oct-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -23,200	-23,200
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 27,451	27,451
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -60,022	-60,022
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -8,490	-8,490
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 297	297
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 106	106
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 318	318
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,444	2,444
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 10,461	10,461
23-Oct-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 46,523	46,523
23-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -203,419	-203,419
23-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 179,265	179,265
23-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 12,483	12,483
24-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -10,428	-10,428
24-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -2,456	-2,456
24-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 24,438	24,438
24-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,124	-1,124
24-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -517,111	-517,111
24-Oct-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -179,265	-179,265
24-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 321,442	321,442
24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -14,248	-14,248
25-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,200	2,200
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 23,371	23,371
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,341	-2,341
25-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,322	4,322
25-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -248	-248
25-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -333,925	-333,925
28-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 560	560
28-Oct-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 19,958	19,958
28-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 678,509	678,509
29-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 680	680
29-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 281	281
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,426	3,426
29-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 556	556
29-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -9,019	-9,019
29-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 9,225	9,225
30-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 268	268
30-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 46,402	46,402
30-Oct-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,086	2,086
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 26,262	26,262
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,223	6,223

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30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -37,089	-37,089
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,006	4,006
30-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 893	893
30-Oct-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -4,353	-4,353
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,550	-4,550
30-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,360	1,360
30-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,904	8,904
30-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -32,805	-32,805
30-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 35,643	35,643
31-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 2,029	2,029
31-Oct-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,686	1,686
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,035	4,035
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,260	1,260
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 560	560
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -24,255	-24,255
31-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,713	3,713
31-Oct-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -1,331,690	-1,331,690
31-Oct-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -44,867	-44,867
01-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 680	680
01-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 849	849
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,744	6,744
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,340	-1,340
01-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,920	1,920
01-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 689,365	689,365
01-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -1	-1
04-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,360	1,360
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,426	3,426
04-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 330	330
04-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 1,010	1,010
04-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 686,904	686,904
04-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -630,158	-630,158
04-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 108,559	108,559
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,276	1,276
05-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,351	2,351
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 9,510	9,510
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,632	1,632
05-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 3,238	3,238
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,993	4,993
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,207	3,207
05-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 997	997
05-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 423	423
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,568	4,568
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 3,309	3,309
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 274	274
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 959	959
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 66	66
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 67	67
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 198	198
05-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 330	330
05-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 13,356	13,356
05-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -635,873	-635,873
05-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 623,462	623,462
05-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -106,788	-106,788
06-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -3,682	-3,682
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 58,245	58,245

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06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 43,818	43,818
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,563	4,563
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 25,371	25,371
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 455	455
06-Nov-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,726	1,726
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 969	969
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,493	3,493
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,241	1,241
06-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 5,333	5,333
06-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 6,126	6,126
06-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,252	1,252
06-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 1,370	1,370
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,029	3,029
06-Nov-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 7,650	7,650
06-Nov-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 2,444	2,444
06-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 9,903	9,903
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,341	1,341
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,858	1,858
06-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,890	1,890
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 700	700
06-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 606	606
06-Nov-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD 397	397
06-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 39,336	39,336
06-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -682,668	-682,668
06-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 22,795	22,795
06-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 433,129	433,129
06-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 226,034	226,034
07-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 5,586	5,586
07-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 9,600	9,600
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,347	3,347
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,802	4,802
07-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,790	1,790
07-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 15,385	15,385
07-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 1,489	1,489
07-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 6,424	6,424
07-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 2,655	2,655
07-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,948	2,948
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 46,803	46,803
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 7,752	7,752
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,585	5,585
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,804	2,804
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,200	2,200
07-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 3,709	3,709
07-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,639	3,639
07-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,579	2,579
07-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 12,593	12,593
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 21,859	21,859
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 13,416	13,416
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 221	221
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,557	11,557

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07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,022	4,022
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,027	4,027
07-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 922	922
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -897	-897
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,771	6,771
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,373	11,373
07-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 11,130	11,130
07-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 404	404
07-Nov-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD 109	109
07-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 15,371	15,371
07-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 15,455	15,455
07-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD 5,609	5,609
07-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 66,858	66,858
07-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -68,191	-68,191
08-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 3,072	3,072
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,174	2,174
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,835	2,835
08-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 8,264	8,264
08-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,578	1,578
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 27,251	27,251
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,522	4,522
08-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD 2,329	2,329
08-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,406	1,406
08-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 7,477	7,477
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 11,159	11,159
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 8,378	8,378
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 6,618	6,618
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 966	966
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 90	90
08-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 7,680	7,680
08-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 2,161	2,161
08-Nov-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD -38	-38
08-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -397	-397
08-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -1,079	-1,079
08-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -74,602	-74,602
08-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 80,982	80,982
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -11,877	-11,877
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -14,734	-14,734
11-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 12,804	12,804
11-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 448	448
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,142	1,142
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,296	-1,296
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,242	2,242
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -856	-856
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 959	959
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 959	959
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 893	893
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,485	1,485
11-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 330	330
11-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD 606	606
11-Nov-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD -101	-101
11-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 48,666	48,666
11-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 37,524	37,524
11-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -5,371	-5,371
11-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -128,437	-128,437

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11-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-44,887	-44,887
12-Nov-19	BlackRock Fund Advisors	on mkt sell	16.47	AUD	ORD	-43,149	-43,149
12-Nov-19	BlackRock Fund Advisors	on mkt buy	16.48	AUD	ORD	49,845	49,845
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,788	13,788
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.47	AUD	ORD	3,561	3,561
12-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.48	AUD	ORD	15,892	15,892
12-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.47	AUD	ORD	10,485	10,485
12-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.47	AUD	ORD	2,493	2,493
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.47	AUD	ORD	40,994	40,994
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.47	AUD	ORD	7,330	7,330
12-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	16.47	AUD	ORD	3,008	3,008
12-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.47	AUD	ORD	2,045	2,045
12-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.47	AUD	ORD	12,705	12,705
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.47	AUD	ORD	16,565	16,565
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.47	AUD	ORD	10,155	10,155
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.48	AUD	ORD	224	224
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	16.49	AUD	ORD	-4,544	-4,544
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,161	2,161
12-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	107	107
12-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,866	2,866
12-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-621	-621
12-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	6,621	6,621
12-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	117,658	117,658
12-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	63,733	63,733
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.64	AUD	ORD	2,275	2,275
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.64	AUD	ORD	4,566	4,566
13-Nov-19	BlackRock Investment Management, LLC	on mkt buy	16.64	AUD	ORD	1,442	1,442
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.64	AUD	ORD	2,112	2,112
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	16.64	AUD	ORD	3,258	3,258
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	16.64	AUD	ORD	2,282	2,282
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	16.64	AUD	ORD	2,772	2,772
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	16.64	AUD	ORD	973	973
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	16.64	AUD	ORD	886	886
13-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	16.64	AUD	ORD	2,116	2,116
13-Nov-19	BlackRock Investment Management, LLC	on mkt buy	16.64	AUD	ORD	4,216	4,216
13-Nov-19	BlackRock Investment Management, LLC	on mkt buy	16.64	AUD	ORD	1,266	1,266
13-Nov-19	BlackRock Fund Advisors	on mkt buy	16.63	AUD	ORD	7,217	7,217
13-Nov-19	BlackRock Fund Advisors	on mkt sell	16.64	AUD	ORD	-2,752	-2,752
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,805	5,805
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.64	AUD	ORD	83,170	83,170
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.64	AUD	ORD	56,588	56,588
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.64	AUD	ORD	8,023	8,023
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.63	AUD	ORD	14,811	14,811
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.63	AUD	ORD	3,406	3,406
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.63	AUD	ORD	3,396	3,396
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.61	AUD	ORD	461	461
13-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	16.61	AUD	ORD	5,309	5,309
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.61	AUD	ORD	22,697	22,697
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,938	28,938
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,356	13,356
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,130	11,130
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,904	8,904
13-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-474	-474
13-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,439	-4,439
13-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	697,671	697,671

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13-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-28,575	-28,575
13-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-409,780	-409,780
13-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-258,650	-258,650
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.62	AUD	ORD	46	46
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.62	AUD	ORD	160	160
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	730	730
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	2,556	2,556
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	1,943	1,943
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	2,672	2,672
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.65	AUD	ORD	10,336	10,336
14-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.65	AUD	ORD	9,315	9,315
14-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.65	AUD	ORD	2,014	2,014
14-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.65	AUD	ORD	1,962	1,962
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	30,592	30,592
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	5,637	5,637
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	16.65	AUD	ORD	3,191	3,191
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	16.65	AUD	ORD	2,441	2,441
14-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	16.65	AUD	ORD	2,229	2,229
14-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.65	AUD	ORD	1,449	1,449
14-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.65	AUD	ORD	8,909	8,909
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	14,947	14,947
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.65	AUD	ORD	9,613	9,613
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.59	AUD	ORD	3,426	3,426
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	16.59	AUD	ORD	1,118	1,118
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	16.59	AUD	ORD	90	90
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	16.59	AUD	ORD	-2,282	-2,282
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	988	988
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,130	11,130
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,212	1,212
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,896	-3,896
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,582	15,582
14-Nov-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,839	-1,839
14-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-206,806	-206,806
14-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	5,077	5,077
14-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-448	-448
14-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	134	134
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.80	AUD	ORD	1,340	1,340
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.81	AUD	ORD	2,835	2,835
15-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.81	AUD	ORD	8,713	8,713
15-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.81	AUD	ORD	1,451	1,451
15-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.81	AUD	ORD	1,699	1,699
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.81	AUD	ORD	36,192	36,192
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.81	AUD	ORD	5,246	5,246
15-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	16.81	AUD	ORD	2,165	2,165
15-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.81	AUD	ORD	1,237	1,237
15-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.81	AUD	ORD	8,530	8,530
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.81	AUD	ORD	10,978	10,978
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.81	AUD	ORD	7,873	7,873
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.80	AUD	ORD	455	455
15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.80	AUD	ORD	4,568	4,568

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15-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	417	417
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD	-3,492	-3,492
15-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD	808	808
15-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	11,108	11,108
15-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-37,657	-37,657
15-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD	309	309
15-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	31,195	31,195
18-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD	3,870	3,870
18-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD	-6,572	-6,572
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	356	356
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	4,568	4,568
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	1,251	1,251
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	695	695
18-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	185,975	185,975
18-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-702,344	-702,344
18-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD	-150	-150
18-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	-31,332	-31,332
19-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD	12,256	12,256
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	400	400
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	3,546	3,546
19-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD	8,482	8,482
19-Nov-19	BlackRock International Limited	on mkt buy	AUD	ORD	2,831	2,831
19-Nov-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD	1,585	1,585
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	38,457	38,457
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	5,942	5,942
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	3,278	3,278
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	2,468	2,468
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	AUD	ORD	2,696	2,696
19-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	1,623	1,623
19-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	10,122	10,122
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	16,790	16,790
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	10,568	10,568
19-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	5,145	5,145
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-567	-567
19-Nov-19	BlackRock Japan Co., Ltd.	on mkt sell	AUD	ORD	-1,249	-1,249
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-9,307	-9,307
19-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	130	130
19-Nov-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD	57,741	57,741
19-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	645,852	645,852
20-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD	673	673
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	7,125	7,125
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	47,557	47,557
20-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	2,517	2,517
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,576	1,576
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,723	1,723
20-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	871	871
20-Nov-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	2,791	2,791
20-Nov-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	1,133	1,133
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	4,568	4,568
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	3,454	3,454
20-Nov-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD	-2,196	-2,196
20-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD	866	866
20-Nov-19	BlackRock Fund Advisors	in specie	AUD	ORD	1,010	1,010
20-Nov-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD	603	603
20-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	38,510	38,510
20-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-785	-785
20-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD	34,728	34,728

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20-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	350,014	350,014
20-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-379,131	-379,131
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.84	AUD	ORD	916	916
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.84	AUD	ORD	186	186
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	1,419	1,419
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.85	AUD	ORD	535	535
21-Nov-19	BlackRock Advisors, LLC	on mkt buy	16.85	AUD	ORD	3,794	3,794
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	16,947	16,947
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	2,624	2,624
21-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	16.85	AUD	ORD	1,114	1,114
21-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	16.85	AUD	ORD	4,604	4,604
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	7,264	7,264
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	4,607	4,607
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.85	AUD	ORD	2,284	2,284
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	16.85	AUD	ORD	-1,141	-1,141
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	3,530	3,530
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,904	8,904
21-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	7,025	7,025
21-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,452	-18,452
21-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	105,701	105,701
21-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,576	-3,576
21-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,402	6,402
21-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,806	-8,806
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.02	AUD	ORD	1,256	1,256
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.04	AUD	ORD	3,924	3,924
22-Nov-19	BlackRock Advisors, LLC	on mkt buy	17.04	AUD	ORD	14,564	14,564
22-Nov-19	BlackRock Advisors, LLC	on mkt buy	17.04	AUD	ORD	2,970	2,970
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.04	AUD	ORD	60,373	60,373
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.04	AUD	ORD	8,688	8,688
22-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.04	AUD	ORD	3,627	3,627
22-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	17.04	AUD	ORD	2,352	2,352
22-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	17.04	AUD	ORD	10,390	10,390
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.04	AUD	ORD	22,186	22,186
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.04	AUD	ORD	10,676	10,676
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.02	AUD	ORD	112	112
22-Nov-19	BlackRock Fund Advisors	on mkt buy	17.06	AUD	ORD	2,626	2,626
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,979	4,979
22-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,528	2,528
22-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-3,574	-3,574
22-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-12,528	-12,528
22-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-119,755	-119,755
22-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-700	-700
22-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10,667	10,667
22-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,488	-2,488
25-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.98	AUD	ORD	922	922
25-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	16.98	AUD	ORD	-3,423	-3,423
25-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	16.98	AUD	ORD	973	973
25-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.03	AUD	ORD	164	164
25-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-4,054	-4,054
25-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-204,613	-204,613

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25-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	773,335	773,335
25-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-30,452	-30,452
25-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-429,363	-429,363
25-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-230,539	-230,539
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	673	673
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.11	AUD	ORD	209	209
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	2,816	2,816
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.12	AUD	ORD	23,922	23,922
26-Nov-19	BlackRock Advisors, LLC	on mkt buy	17.12	AUD	ORD	4,901	4,901
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	880	880
26-Nov-19	BlackRock Advisors, LLC	on mkt buy	17.12	AUD	ORD	1,296	1,296
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	26,124	26,124
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	3,720	3,720
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	17.12	AUD	ORD	2,026	2,026
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	17.12	AUD	ORD	1,108	1,108
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	17.12	AUD	ORD	6,834	6,834
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	7,612	7,612
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	6,357	6,357
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	200
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.12	AUD	ORD	572	572
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	17.12	AUD	ORD	-5,580	-5,580
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	548	548
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	740	740
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	6,852	6,852
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	1,995	1,995
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.12	AUD	ORD	-3,694	-3,694
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.12	AUD	ORD	-35,145	-35,145
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	481	481
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.12	AUD	ORD	-26,285	-26,285
26-Nov-19	BlackRock Fund Advisors	on mkt buy	17.12	AUD	ORD	3,682	3,682
26-Nov-19	BlackRock Fund Advisors	on mkt buy	17.12	AUD	ORD	9,888	9,888
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	17.12	AUD	ORD	-2,833	-2,833
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	17,254	17,254
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	5,629	5,629
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	23,374	23,374
26-Nov-19	BlackRock Fund Advisors	on mkt buy	17.12	AUD	ORD	13,336	13,336
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.12	AUD	ORD	-7,784	-7,784
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.12	AUD	ORD	3,203	3,203
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	4,171	4,171
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.12	AUD	ORD	-7,162	-7,162
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	48,923	48,923
26-Nov-19	BlackRock Fund Advisors	on mkt sell	17.12	AUD	ORD	-7,386	-7,386
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.12	AUD	ORD	3,400	3,400
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	3,151	3,151
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	921	921
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.12	AUD	ORD	224	224
26-Nov-19	BlackRock Fund Advisors	on mkt buy	17.12	AUD	ORD	1,696	1,696
26-Nov-19	BlackRock Fund Advisors	on mkt buy	17.12	AUD	ORD	4,545	4,545
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	7,934	7,934
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	2,591	2,591
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.12	AUD	ORD	10,749	10,749

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26-Nov-19	BlackRock Fund Advisors	on mkt buy	17.12	AUD	ORD	6,133	6,133
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.12	AUD	ORD	1,475	1,475
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	1,921	1,921
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.12	AUD	ORD	22,499	22,499
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.12	AUD	ORD	1,567	1,567
26-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	9,948	9,948
26-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	5	5
26-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	17	17
26-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,862	6,862
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	33	33
26-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	342	342
26-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	897	897
26-Nov-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	85	85
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.29	AUD	ORD	32,430	32,430
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	5,081	5,081
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.28	AUD	ORD	48,841	48,841
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.27	AUD	ORD	310	310
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.30	AUD	ORD	1,111	1,111
27-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	17.30	AUD	ORD	1,756	1,756
27-Nov-19	BlackRock Advisors, LLC	on mkt buy	17.27	AUD	ORD	1,910	1,910
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,160	6,160
27-Nov-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-5	-5
27-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-17	-17
27-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-69,421	-69,421
27-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-33	-33
27-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-342	-342
27-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,627	-8,627
27-Nov-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-85	-85
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.48	AUD	ORD	18,477	18,477
28-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.41	AUD	ORD	6,368	6,368
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.53	AUD	ORD	4,568	4,568
28-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	132,491	132,491
28-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,619	-12,619
28-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	734	734
28-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	28,385	28,385
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.73	AUD	ORD	318	318
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.73	AUD	ORD	278	278
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	17.73	AUD	ORD	6,214	6,214
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.73	AUD	ORD	4,362	4,362
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-16,758	-16,758
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	16,758	16,758
29-Nov-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-132,491	-132,491
29-Nov-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	436,473	436,473
29-Nov-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	55	55
29-Nov-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,553	-24,553
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	17.53	AUD	ORD	-1,116	-1,116
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.53	AUD	ORD	1,341	1,341
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.53	AUD	ORD	556	556
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.53	AUD	ORD	368	368
02-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6	6
02-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,134,630	-1,134,630
02-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-789	-789
02-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	109,898	109,898
02-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-150,676	-150,676

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-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 349	349
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 34,005	34,005
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,715	2,715
03-Dec-19	BlackRock Asset Management Canada Limited	in specie	AUD	ORD -11,911	-11,911
03-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 660,862	660,862
03-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -131,676	-131,676
04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,208	-3,208
04-Dec-19	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -1,910	-1,910
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,221	3,221
04-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 4,356	4,356
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -47,627	-47,627
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 571	571
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 3,426	3,426
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 368	368
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -318	-318
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -530	-530
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -18,448	-18,448
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,419	4,419
04-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -660,866	-660,866
04-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 660,004	660,004
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 2,846	2,846
05-Dec-19	BlackRock Fund Advisors	on mkt buy	AUD	ORD 2,400	2,400
05-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,850	8,850
05-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 10,122	10,122
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,668	2,668
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 320	320
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 320	320
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 369	369
05-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 700,985	700,985
05-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -6	-6
05-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 41,010	41,010
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -4,243	-4,243
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -11,485	-11,485
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,139	2,139
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,140	1,140
06-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 5,681	5,681
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 17,981	17,981
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,207	2,207
06-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 2,517	2,517
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,674	3,674
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,284	2,284
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,109	1,109
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,476	1,476
06-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 43	43
06-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -4,566	-4,566
06-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -28,801	-28,801
06-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 230,238	230,238
06-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -6,915	-6,915
09-Dec-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 1,917	1,917
09-Dec-19	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD -1,917	-1,917

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09-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	2,490	2,490
09-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	2,785	2,785
09-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	1,961	1,961
09-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	5,710	5,710
09-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD	-7,792	-7,792
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD	-119,236	-119,236
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD	119,236	119,236
09-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	-672,186	-672,186
09-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	-890,236	-890,236
09-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	-34,095	-34,095
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	2,273	2,273
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,849	1,849
10-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD	5,375	5,375
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	40,465	40,465
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,502	1,502
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	14,469	14,469
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	1,718	1,718
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	2,695	2,695
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	2,180	2,180
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD	2,663	2,663
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD	6,852	6,852
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	66	66
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	1,107	1,107
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	5,221	5,221
10-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	38,323	38,323
10-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	505,047	505,047
10-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD	3,380	3,380
10-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	6,708	6,708
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD	-2,829	-2,829
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD	3,464	3,464
11-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD	-6,105	-6,105
11-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD	-12,452	-12,452
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	5,411	5,411
11-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD	3,490	3,490
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD	2,152	2,152
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	9,916	9,916
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD	93,253	93,253
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD	134	134
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD	-2,232	-2,232
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	840	840
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	1,120	1,120
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	1,015	1,015
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD	1,015	1,015
11-Dec-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD	3	3
11-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD	-38,307	-38,307
11-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD	706,772	706,772
11-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD	37	37
11-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD	2,488	2,488
11-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD	5,731	5,731
11-Dec-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD	84	84
11-Dec-19	BlackRock Asset Management North Asia Limited	in specie	AUD	ORD	-2,537	-2,537
12-Dec-19	BlackRock Investment Management (Australia) Limited	in specie	AUD	ORD	24,207	24,207
12-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD	673	673

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12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 706	706
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,145	2,145
12-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 7,557	7,557
12-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 4,873	4,873
12-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 11,278	11,278
12-Dec-19	BlackRock International Limited	on mkt buy	AUD	ORD 3,253	3,253
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,000	1,000
12-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 3,006	3,006
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 13,540	13,540
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 3,177	3,177
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,695	2,695
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,037	2,037
12-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 4,386	4,386
12-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 883	883
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,959	2,959
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,268	4,268
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -370	-370
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -24,771	-24,771
12-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,423	7,423
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -1,858	-1,858
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 20,990	20,990
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 15,483	15,483
12-Dec-19	BlackRock Advisors, LLC	collateral transfer	AUD	ORD -3	-3
12-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -16	-16
12-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -590,840	-590,840
12-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	AUD	ORD -37	-37
12-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 18,076	18,076
12-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 15,772	15,772
12-Dec-19	BlackRock Asset Management North Asia Limited	collateral transfer	AUD	ORD -84	-84
13-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 8,043	8,043
13-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,476	1,476
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 24,087	24,087
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,908	4,908
13-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,299	1,299
13-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 7,272	7,272
13-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 9,357	9,357
13-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 69,267	69,267
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,945	2,945
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 299	299
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,218	2,218
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -318	-318
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,540	1,540
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,400	1,400
13-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 24,881	24,881
13-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -18,879	-18,879
13-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 74,325	74,325
16-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD -2,416	-2,416
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,109	1,109
16-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 6,588	6,588
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -17,797	-17,797
16-Dec-19	BlackRock (Netherlands) B.V.	on mkt buy	AUD	ORD 390	390
16-Dec-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -10,193	-10,193
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -18,906	-18,906
16-Dec-19	BlackRock Fund Advisors	on mkt sell	AUD	ORD -8,702	-8,702

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16-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,335	1,335
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
16-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	37,391	37,391
16-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	687,143	687,143
16-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,457	-4,457
16-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-85,566	-85,566
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.38	AUD	ORD	-17,861	-17,861
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.38	AUD	ORD	1,150	1,150
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.38	AUD	ORD	5,710	5,710
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	17.38	AUD	ORD	-1,020	-1,020
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.38	AUD	ORD	67	67
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	17.38	AUD	ORD	3,858	3,858
17-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,458	3,458
17-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-37,391	-37,391
17-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,475	-6,475
17-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-608	-608
17-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,360	1,360
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,556	5,556
18-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.22	AUD	ORD	1,703	1,703
18-Dec-19	BlackRock Investment Management, LLC	on mkt buy	17.22	AUD	ORD	6,604	6,604
18-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.22	AUD	ORD	1,801	1,801
18-Dec-19	BlackRock Investment Management, LLC	on mkt buy	17.20	AUD	ORD	14,121	14,121
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	800	800
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.20	AUD	ORD	1,109	1,109
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.20	AUD	ORD	8,872	8,872
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	17.20	AUD	ORD	-1,340	-1,340
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.20	AUD	ORD	8,872	8,872
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.20	AUD	ORD	404	404
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.20	AUD	ORD	66	66
18-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.20	AUD	ORD	-28,922	-28,922
18-Dec-19	BlackRock Investment Management, LLC	on mkt sell	17.20	AUD	ORD	-1,027	-1,027
18-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.20	AUD	ORD	1,568	1,568
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.20	AUD	ORD	19,228	19,228
18-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	17.20	AUD	ORD	-19,228	-19,228
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	200
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	330	330
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-36,941	-36,941
18-Dec-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	4	4
18-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	19	19
18-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-685,866	-685,866
18-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	25	25
18-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	363	363
18-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,351	5,351
18-Dec-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	83	83
19-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	400	400
19-Dec-19	BlackRock Advisors, LLC	on mkt buy	17.33	AUD	ORD	5,026	5,026
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.33	AUD	ORD	1,380	1,380
19-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	17.33	AUD	ORD	1,628	1,628
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.30	AUD	ORD	369	369
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.30	AUD	ORD	212	212
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.30	AUD	ORD	8,047	8,047
19-Dec-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-4	-4
19-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-19	-19
19-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,486	-1,486
19-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-25	-25
19-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,182	4,182
19-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	653,752	653,752
19-Dec-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-83	-83
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.17	AUD	ORD	10,825	10,825

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
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -2,300	-2,300
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 2,008	2,008
20-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 10,776	10,776
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 10,120	10,120
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 865	865
20-Dec-19	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 1,432	1,432
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 23,391	23,391
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 4,282	4,282
20-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 1,091	1,091
20-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 6,588	6,588
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 6,285	6,285
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,226	2,226
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -2,234	-2,234
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 556	556
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -834	-834
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 424	424
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -90	-90
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 636	636
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,224	7,224
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,631	2,631
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 5,951	5,951
20-Dec-19	BlackRock Asset Management Canada Limited	on mkt sell	AUD	ORD -6,671	-6,671
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 474	474
20-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -6,473	-6,473
20-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD -8,692	-8,692
20-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD -7,668	-7,668
20-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -4,157	-4,157
20-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 651	651
20-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -9,781	-9,781
23-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 675	675
23-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD -3,278	-3,278
23-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 1,343	1,343
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,344	1,344
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 855	855
23-Dec-19	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 1,457	1,457
23-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 825	825
23-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 299,433	299,433
23-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -189,982	-189,982
23-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 26,927	26,927
23-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 9,319	9,319
24-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,786	8,786
24-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 8,514	8,514
24-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 1,142	1,142
24-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -7,642	-7,642
24-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 55,258	55,258
24-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 797,147	797,147
24-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 17,130	17,130
24-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -481,731	-481,731
25-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD -38,422	-38,422
25-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD -1,242,183	-1,242,183
25-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD -49,253	-49,253
25-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD -195,241	-195,241
26-Dec-19	BlackRock Fund Advisors	in specie	AUD	ORD 671	671
26-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	AUD	ORD 650,461	650,461
26-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	AUD	ORD 875,788	875,788
26-Dec-19	BlackRock Investment Management, LLC	collateral transfer	AUD	ORD 19,411	19,411
26-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	AUD	ORD 232,275	232,275

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-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.07	AUD	ORD	3,426	3,426
27-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.07	AUD	ORD	3,674	3,674
27-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-612,747	-612,747
27-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-291,045	-291,045
27-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	18,765	18,765
27-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-49,403	-49,403
30-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	134	134
30-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.07	AUD	ORD	700	700
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.10	AUD	ORD	1,113	1,113
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	17.10	AUD	ORD	642	642
30-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.10	AUD	ORD	-3,662	-3,662
30-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	151,937	151,937
30-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	608,470	608,470
30-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	9,092	9,092
30-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	42,184	42,184
31-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	671	671
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	16.78	AUD	ORD	320	320
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	16.78	AUD	ORD	828	828
31-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.78	AUD	ORD	2,863	2,863
31-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	16.78	AUD	ORD	-10,839	-10,839
31-Dec-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	180,329	180,329
31-Dec-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,055	-24,055
31-Dec-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,548	3,548
31-Dec-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,309	6,309
31-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-11,045	-11,045

03-Jan-20
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 25,581	25,581	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 62,602	62,602	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 15,388	15,388	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 599,104	599,104	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-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 1,591	1,591	Subsidiary of BlackRock, Inc.
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 959,231	959,231	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 134,176	134,176	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 2,007,277	2,007,277	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 22,891	22,891	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 3,465	3,465	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 132,433	132,433	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 14,499	14,499	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 284,389	284,389	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-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 126,645	126,645	Subsidiary of BlackRock, Inc.
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 1,680	1,680	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 245,394	245,394	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 16,958	16,958	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 24,393	24,393	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 75,952	75,952	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 828	828	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 6,782	6,782	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 712	712	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 11,835	11,835	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 38,929	38,929	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 1,539	1,539	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 48,690	48,690	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 65,798	65,798	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 131,230	131,230	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 4,473	4,473	Subsidiary of BlackRock, Inc.
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 81,066	81,066	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 21,967	21,967	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 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 6,876,336	6,876,336	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 504,609	504,609	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 26,631	26,631	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 13,835	13,835	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 946	946	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 7,330,914	7,330,914	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 776	776	Subsidiary of BlackRock, Inc.
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 73,248	73,248	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 307,476	307,476	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	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 33,437	33,437	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 1,125	1,125	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 24,998	24,998	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 35,099	35,099	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 191,125	191,125	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	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 7,685	7,685	Subsidiary of BlackRock, Inc.
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 653,137	653,137	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 890,848	890,848	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 1,821,011	1,821,011	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	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 446,806	446,806	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) 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 24,681	24,681	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 112,156	112,156	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 267,138	267,138	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 3,028	3,028	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 5,128	5,128	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 288,110	288,110	Subsidiary of BlackRock, Inc.
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 240,844	240,844	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY 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 6,959	6,959	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	CB-CACEIS 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 14,671	14,671	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 773,865	773,865	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 624,902	624,902	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 24,692	24,692	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 27,795	27,795	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 271,643	271,643	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 24,855	24,855	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 762,727	762,727	Subsidiary of BlackRock, Inc.
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 23,738	23,738	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	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 19,878	19,878	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 316,864	316,864	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 5,145	5,145	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 32,763	32,763	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 316,409	316,409	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 19,800	19,800	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY 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 6,604	6,604	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 303,294	303,294	Subsidiary of BlackRock, Inc.
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 293,301	293,301	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-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 56,829	56,829	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 195,914	195,914	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 3,168	3,168	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 883	883	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 10,332	10,332	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 334,496	334,496	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 25,895	25,895	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUMI-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 17,384	17,384	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 686,249	686,249	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.	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 6,443	6,443	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 222,645	222,645	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 266,985	266,985	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 24,245	24,245	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 1,399,377	1,399,377	Subsidiary of BlackRock, Inc.

Annexure C

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

03-Jan-20

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)

This is Annexure D of 3 pages referred to in form 604 Notice of change of interests of substantial shareholder

.....03-Jan-2020
 Maria Tricarico, Authorised Signatory Date

Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
Parties to agreement:	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure A
Holder of voting rights:	The Borrower.
Are there any restrictions on voting rights? If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure A
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to COMPUTERSHARE LTD or the Australian Securities and Investments Commission upon request.

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**
- (dd) Zürcher Kantonalbank **GMSLA, 30 October 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**