

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme BANK OF QUEENSLAND LTD

ACN/ARSN 009 656 740

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 / 10 / 2018

The previous notice was given to the company on 03 / 10 / 2017

The previous notice was dated 29 / 09 / 2017

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	19,722,771	5.03	23,980,966	6.03

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				

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 02 / 11 / 2018

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

02-Nov-18

Maria Tricarico,
 Authorised Signatory

Date

5. Consideration

BANK OF QUEENSLAND LTD (BOQ)

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
02-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	784	784
02-Oct-17	BlackRock Fund Advisors	on mkt buy	13.18	AUD	ORD	4,925	4,925
02-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,163	1,163
02-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,845	8,845
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.19	AUD	ORD	-418	-418
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.19	AUD	ORD	-203	-203
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.19	AUD	ORD	1,568	1,568
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.17	AUD	ORD	52	52
03-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	13.17	AUD	ORD	3,048	3,048
04-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.00	AUD	ORD	-1,931	-1,931
04-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.00	AUD	ORD	-131	-131
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	13.00	AUD	ORD	-11,014	-11,014
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	13.00	AUD	ORD	-41,399	-41,399
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.99	AUD	ORD	5,707	5,707
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,150	7,150
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,146	3,146
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,358	6,358
05-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	12.89	AUD	ORD	304	304
06-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	12.88	AUD	ORD	-558	-558
06-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	12.88	AUD	ORD	-8,841	-8,841
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	880	880
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,578	6,578
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,076	7,076
09-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	12.94	AUD	ORD	-4,443	-4,443
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	12.94	AUD	ORD	1,568	1,568
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	12.94	AUD	ORD	-1,608	-1,608
09-Oct-17	BlackRock Investment Management, LLC	on mkt buy	12.94	AUD	ORD	1,295	1,295
09-Oct-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	19,808	19,808
10-Oct-17	BlackRock Fund Advisors	on mkt buy	12.92	AUD	ORD	9,350	9,350
10-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,576	4,576
10-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,631	-2,631
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.96	AUD	ORD	-5,493	-5,493
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.96	AUD	ORD	-13,335	-13,335
11-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	12.96	AUD	ORD	-7,146	-7,146
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,640	2,640
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,720	5,720
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,288	2,288
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-102	-102
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.09	AUD	ORD	4,668	4,668
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.09	AUD	ORD	1,085	1,085
13-Oct-17	BlackRock Investment Management, LLC	on mkt buy	13.05	AUD	ORD	1,479	1,479
13-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	12.85	AUD	ORD	2,151	2,151

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
13-Oct-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,631	2,631
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	12.96	AUD	ORD	-1,588	-1,588
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	12.96	AUD	ORD	-2,012	-2,012
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	12.96	AUD	ORD	608	608
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	12.96	AUD	ORD	532	532
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.04	AUD	ORD	380	380
17-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,150	7,150
17-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,163	1,163
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.20	AUD	ORD	19,917	19,917
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.20	AUD	ORD	17,882	17,882
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.20	AUD	ORD	11,279	11,279
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.20	AUD	ORD	8,700	8,700
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.20	AUD	ORD	19,818	19,818
18-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.20	AUD	ORD	32,488	32,488
18-Oct-17	BlackRock Investment Management, LLC	on mkt sell	13.20	AUD	ORD	-540	-540
18-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	13.20	AUD	ORD	-3,417	-3,417
18-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,860	2,860
19-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.51	AUD	ORD	208	208
19-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.51	AUD	ORD	2,094	2,094
20-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.41	AUD	ORD	1,556	1,556
20-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.41	AUD	ORD	1,006	1,006
20-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	13.41	AUD	ORD	-76,120	-76,120
23-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.46	AUD	ORD	778	778
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	13.31	AUD	ORD	-3,172	-3,172
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	13.32	AUD	ORD	-2,379	-2,379
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.32	AUD	ORD	-79,498	-79,498
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.36	AUD	ORD	1,543	1,543
25-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.36	AUD	ORD	3,378	3,378
25-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,864	6,864
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	13.29	AUD	ORD	-2,170	-2,170
26-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,430	1,430
26-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	4,809	4,809
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.31	AUD	ORD	3,112	3,112
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	13.31	AUD	ORD	-2,379	-2,379
30-Oct-17	BlackRock Fund Advisors	on mkt buy	13.40	AUD	ORD	81	81
31-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.40	AUD	ORD	36,624	36,624
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.36	AUD	ORD	608	608
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	13.36	AUD	ORD	104	104
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,192	24,192
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,845	-17,845
01-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.23	AUD	ORD	26,698	26,698
01-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.26	AUD	ORD	2,628	2,628
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	13.26	AUD	ORD	1,006	1,006
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	13.26	AUD	ORD	104	104
01-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.26	AUD	ORD	-9,234	-9,234
02-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.53	AUD	ORD	4,419	4,419
02-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.46	AUD	ORD	-27,478	-27,478
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	572	572
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,008	1,008
03-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.47	AUD	ORD	3,421	3,421

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-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.47	AUD	ORD	14,555	14,555
03-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.47	AUD	ORD	18,383	18,383
03-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.48	AUD	ORD	2,012	2,012
03-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	12.48	AUD	ORD	-1,030	-1,030
06-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.47	AUD	ORD	760	760
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,016	2,016
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,290	4,290
06-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,501	-2,501
07-Nov-17	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	537	537
07-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.42	AUD	ORD	2,508	2,508
07-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.42	AUD	ORD	-60,231	-60,231
07-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	792	792
07-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,343	-1,343
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.50	AUD	ORD	17,849	17,849
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.50	AUD	ORD	73,698	73,698
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.50	AUD	ORD	7,484	7,484
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.50	AUD	ORD	25,009	25,009
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.50	AUD	ORD	59,368	59,368
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.50	AUD	ORD	18,581	18,581
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.55	AUD	ORD	778	778
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.55	AUD	ORD	102	102
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,760	1,760
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,716	1,716
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,146	3,146
09-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.71	AUD	ORD	20,928	20,928
10-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.77	AUD	ORD	-17,778	-17,778
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.80	AUD	ORD	-4,674	-4,674
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.78	AUD	ORD	1,006	1,006
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.80	AUD	ORD	10,344	10,344
10-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,343	1,343
13-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.74	AUD	ORD	10,322	10,322
13-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.74	AUD	ORD	-1,085	-1,085
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.67	AUD	ORD	3,219	3,219
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.68	AUD	ORD	-8,090	-8,090
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.62	AUD	ORD	-5,558	-5,558
14-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	12.62	AUD	ORD	-6,427	-6,427
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.62	AUD	ORD	5,021	5,021
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.62	AUD	ORD	-2,215	-2,215
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,430	1,430
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.62	AUD	ORD	6,445	6,445
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.62	AUD	ORD	16,124	16,124
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.62	AUD	ORD	60,029	60,029
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.62	AUD	ORD	40,354	40,354
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.61	AUD	ORD	3,066	3,066
15-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.61	AUD	ORD	-1,594	-1,594
15-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	12.61	AUD	ORD	46,271	46,271
15-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,718	3,718

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
15-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,930	-4,930
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.66	AUD	ORD	20,900	20,900
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.66	AUD	ORD	-2,862	-2,862
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.66	AUD	ORD	-10,530	-10,530
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.66	AUD	ORD	-3,163	-3,163
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,008	8,008
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,430	1,430
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,307	-5,307
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,880	12,880
17-Nov-17	BlackRock Investment Management, LLC	on mkt sell	12.82	AUD	ORD	-5,160	-5,160
17-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	12.82	AUD	ORD	-2,481	-2,481
17-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.78	AUD	ORD	75	75
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,056	1,056
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,089	-5,089
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,448	-5,448
21-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.57	AUD	ORD	16,362	16,362
21-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	1,008	1,008
22-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	4,616	4,616
22-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	56,241	56,241
22-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	4,915	4,915
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	12.65	AUD	ORD	-3,972	-3,972
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,380	5,380
23-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.62	AUD	ORD	-5,028	-5,028
23-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	12.65	AUD	ORD	-1,594	-1,594
24-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.58	AUD	ORD	1,182	1,182
24-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	380	380
24-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	206	206
24-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	5,448	5,448
24-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	5,089	5,089
27-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.66	AUD	ORD	43,800	43,800
27-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.66	AUD	ORD	4,860	4,860
28-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.79	AUD	ORD	12,137	12,137
28-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.82	AUD	ORD	47,304	47,304
28-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	12.82	AUD	ORD	120	120
28-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.82	AUD	ORD	5,050	5,050
28-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,688	2,688
29-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.01	AUD	ORD	1,375	1,375
29-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.01	AUD	ORD	39,842	39,842
29-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.03	AUD	ORD	18,396	18,396
29-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	13.03	AUD	ORD	14,073	14,073
29-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	880	880
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.09	AUD	ORD	2,793	2,793
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	13.18	AUD	ORD	184	184
30-Nov-17	BlackRock Fund Advisors	on mkt buy	13.18	AUD	ORD	26,412	26,412
30-Nov-17	BlackRock Fund Advisors	on mkt sell	13.18	AUD	ORD	-10,120	-10,120
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	13.18	AUD	ORD	-16,292	-16,292
30-Nov-17	BlackRock Fund Advisors	on mkt buy	13.18	AUD	ORD	13,430	13,430

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-17	BlackRock Investment Management, LLC	on mkt sell	13.18	AUD	ORD	-5,517	-5,517
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	13.18	AUD	ORD	-9,770	-9,770
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	13.18	AUD	ORD	-45	-45
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	13.18	AUD	ORD	605	605
30-Nov-17	BlackRock Fund Advisors	on mkt buy	13.18	AUD	ORD	65,694	65,694
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	1,224	1,224
30-Nov-17	BlackRock Financial Management, Inc.	on mkt buy	13.18	AUD	ORD	2,521	2,521
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt buy	13.18	AUD	ORD	187	187
01-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	13.03	AUD	ORD	-109	-109
04-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.82	AUD	ORD	-2,391	-2,391
04-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.82	AUD	ORD	11,803	11,803
04-Dec-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,612	-1,612
04-Dec-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,904	-5,904
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.81	AUD	ORD	780	780
05-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.81	AUD	ORD	412	412
05-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	12.81	AUD	ORD	5,850	5,850
06-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.64	AUD	ORD	2,628	2,628
06-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.64	AUD	ORD	228	228
06-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.64	AUD	ORD	380	380
06-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.64	AUD	ORD	103	103
06-Dec-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	2,413	2,413
07-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	672	672
07-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,163	1,163
08-Dec-17	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	3,059	3,059
08-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.68	AUD	ORD	5,178	5,178
08-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,204	1,204
08-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,806	1,806
08-Dec-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,612	1,612
08-Dec-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	5,904	5,904
11-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.77	AUD	ORD	-797	-797
11-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.77	AUD	ORD	-797	-797
11-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,163	1,163
12-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.78	AUD	ORD	3,120	3,120
12-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,845	-8,845
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.72	AUD	ORD	34,180	34,180
13-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.71	AUD	ORD	-797	-797
13-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.71	AUD	ORD	1,444	1,444
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.71	AUD	ORD	21,987	21,987
13-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,344	-1,344
13-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,307	-5,307
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.71	AUD	ORD	-65,164	-65,164
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.71	AUD	ORD	65,164	65,164
13-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.71	AUD	ORD	-45,641	-45,641
14-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.68	AUD	ORD	-14,119	-14,119
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.70	AUD	ORD	-3,985	-3,985
14-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.66	AUD	ORD	-139,475	-139,475
14-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,489	3,489
14-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,326	2,326
14-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,978	6,978
15-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	12.56	AUD	ORD	10,599	10,599
15-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.54	AUD	ORD	-3,192	-3,192
15-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell	12.54	AUD	ORD	-380	-380
15-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.54	AUD	ORD	8,740	8,740

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15-Dec-17	BlackRock Investment Management (UK) Limited	on mkt sell 12.54	AUD	ORD -3,756	-3,756
15-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.54	AUD	ORD 2,228	2,228
15-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.54	AUD	ORD 3,332	3,332
15-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -7,076	-7,076
15-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 4,304	4,304
15-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 3,228	3,228
18-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell 12.60	AUD	ORD -616	-616
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.61	AUD	ORD -3,196	-3,196
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy 12.60	AUD	ORD 5,460	5,460
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.61	AUD	ORD -3,995	-3,995
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.61	AUD	ORD -799	-799
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy 12.61	AUD	ORD 1,009	1,009
18-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy 12.61	AUD	ORD 2,168	2,168
18-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 4,290	4,290
18-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -12,704	-12,704
18-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -2,905	-2,905
18-Dec-17	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -2,473	-2,473
18-Dec-17	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -522	-522
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell 12.64	AUD	ORD -12,298	-12,298
19-Dec-17	BlackRock Asset Management Canada Limited	on mkt buy 12.65	AUD	ORD 965	965
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell 12.61	AUD	ORD -16,968	-16,968
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell 12.61	AUD	ORD -3,679	-3,679
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell 12.61	AUD	ORD -2,432	-2,432
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.65	AUD	ORD 788	788
19-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell 12.65	AUD	ORD -4,354	-4,354
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.65	AUD	ORD -380	-380
19-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.65	AUD	ORD -927	-927
19-Dec-17	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD 2,685	2,685
19-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 3,228	3,228
19-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,176	-3,176
19-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -17,690	-17,690
20-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.66	AUD	ORD -798	-798
20-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.66	AUD	ORD -1,084	-1,084
20-Dec-17	BlackRock Advisors (UK) Limited	on mkt sell 12.66	AUD	ORD -225	-225
20-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.66	AUD	ORD 1,159	1,159
21-Dec-17	BlackRock Japan Co., Ltd.	on mkt sell 12.60	AUD	ORD -1,178	-1,178
21-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy 12.60	AUD	ORD 4,048	4,048
21-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,830	2,830
21-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,505	1,505
21-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,806	1,806
22-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy 12.67	AUD	ORD 779	779
22-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -5,181	-5,181
27-Dec-17	BlackRock Investment Management (UK) Limited	on mkt sell 12.70	AUD	ORD -2,262	-2,262
27-Dec-17	BlackRock (Netherlands) B.V.	on mkt buy 12.67	AUD	ORD 871	871
27-Dec-17	BlackRock Fund Advisors	on mkt buy 12.67	AUD	ORD 5,704	5,704
27-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD 5,325	5,325
27-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -6,968	-6,968
27-Dec-17	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,107	-3,107
28-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.74	AUD	ORD 2,468	2,468
28-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.74	AUD	ORD 9,188	9,188
28-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.74	AUD	ORD 22,971	22,971
28-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy 12.74	AUD	ORD 26,399	26,399

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28-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.75	AUD	ORD	304	304
28-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.75	AUD	ORD	7,964	7,964
29-Dec-17	BlackRock Investment Management (UK) Limited	on mkt buy	12.77	AUD	ORD	54,781	54,781
29-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt sell	12.72	AUD	ORD	-2,628	-2,628
29-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.76	AUD	ORD	4,064	4,064
29-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.72	AUD	ORD	1,008	1,008
29-Dec-17	BlackRock Advisors (UK) Limited	on mkt buy	12.72	AUD	ORD	2,016	2,016
29-Dec-17	BlackRock Institutional Trust Company, National Association	on mkt buy	12.72	AUD	ORD	1,074	1,074
29-Dec-17	BlackRock Investment Management (Australia) Limited	on mkt buy	12.72	AUD	ORD	9,691	9,691
29-Dec-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,484	-3,484
29-Dec-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	17,821	17,821
29-Dec-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-17,821	-17,821
02-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.68	AUD	ORD	799	799
02-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.68	AUD	ORD	3,154	3,154
02-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	12.68	AUD	ORD	-2,412	-2,412
03-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	8,198	8,198
03-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	33,637	33,637
03-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,325	5,325
04-Jan-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,418	1,418
04-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	380	380
04-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	4,295	4,295
04-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,490	8,490
04-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-930	-930
04-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-136	-136
05-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.74	AUD	ORD	780	780
05-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.77	AUD	ORD	152	152
05-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,740	1,740
05-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,484	3,484
08-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.81	AUD	ORD	1,612	1,612
08-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.81	AUD	ORD	721	721
08-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt buy	12.81	AUD	ORD	4,107	4,107
09-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.79	AUD	ORD	-1,583	-1,583
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.76	AUD	ORD	1,612	1,612
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.76	AUD	ORD	309	309
09-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.76	AUD	ORD	103	103
09-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.76	AUD	ORD	-815	-815
09-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	783	783
09-Jan-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,196	-3,196
10-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.75	AUD	ORD	7,507	7,507
10-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.75	AUD	ORD	6,933	6,933
10-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.75	AUD	ORD	22,459	22,459
10-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.70	AUD	ORD	3,900	3,900
10-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,660	5,660
11-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.60	AUD	ORD	7,645	7,645
11-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.59	AUD	ORD	780	780
11-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,214	6,214
12-Jan-18	BlackRock Fund Advisors	on mkt buy	12.66	AUD	ORD	10,164	10,164
12-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.59	AUD	ORD	309	309
12-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.59	AUD	ORD	-375	-375
12-Jan-18	BlackRock Fund Advisors	on mkt buy	12.59	AUD	ORD	27,468	27,468
12-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,830	2,830

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12-Jan-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-960	-960
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.61	AUD	ORD	-1,612	-1,612
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.59	AUD	ORD	-3,915	-3,915
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.59	AUD	ORD	-3,224	-3,224
15-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.59	AUD	ORD	-1,612	-1,612
16-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.51	AUD	ORD	-3,224	-3,224
16-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.51	AUD	ORD	68,692	68,692
16-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.51	AUD	ORD	102,174	102,174
16-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,188	10,188
17-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.45	AUD	ORD	25,182	25,182
17-Jan-18	BlackRock Investment Management, LLC	on mkt buy	12.44	AUD	ORD	4,152	4,152
17-Jan-18	BlackRock Financial Management, Inc.	on mkt buy	12.44	AUD	ORD	3,467	3,467
17-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.44	AUD	ORD	8,022	8,022
17-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.44	AUD	ORD	13,516	13,516
17-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.44	AUD	ORD	648	648
17-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.42	AUD	ORD	-14,508	-14,508
17-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.42	AUD	ORD	2,014	2,014
17-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.42	AUD	ORD	-3,394	-3,394
17-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.42	AUD	ORD	-10,115	-10,115
17-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,001	2,001
17-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	870	870
17-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,396	3,396
18-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.40	AUD	ORD	72,060	72,060
18-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.38	AUD	ORD	76	76
18-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.38	AUD	ORD	-30,459	-30,459
19-Jan-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	781	781
19-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.28	AUD	ORD	309	309
19-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,094	5,094
19-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,750	1,750
19-Jan-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	13,614	13,614
19-Jan-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	5,479	5,479
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.28	AUD	ORD	1,566	1,566
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.23	AUD	ORD	2,349	2,349
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.23	AUD	ORD	3,915	3,915
22-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.23	AUD	ORD	-5,642	-5,642
23-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.30	AUD	ORD	21,170	21,170
23-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.30	AUD	ORD	3,132	3,132
23-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,396	3,396
23-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,146	1,146
24-Jan-18	BlackRock Investment Management (UK) Limited	on mkt buy	12.32	AUD	ORD	3,101	3,101
24-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.32	AUD	ORD	6,248	6,248
24-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.32	AUD	ORD	14,485	14,485
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.33	AUD	ORD	1,612	1,612
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.33	AUD	ORD	2,014	2,014
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.33	AUD	ORD	1,087	1,087
24-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.33	AUD	ORD	-7,647	-7,647
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	435	435
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,490	8,490
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-70	-70
24-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-105	-105
25-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.25	AUD	ORD	-3,057	-3,057
25-Jan-18	BlackRock Advisors, LLC	on mkt buy	12.27	AUD	ORD	82,197	82,197
25-Jan-18	BlackRock (Netherlands) B.V.	on mkt buy	12.27	AUD	ORD	3,345	3,345
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.28	AUD	ORD	3,132	3,132

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25-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.28	AUD	ORD	-380	-380
25-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.28	AUD	ORD	412	412
25-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.28	AUD	ORD	2,036	2,036
25-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	12.28	AUD	ORD	-4,141	-4,141
25-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,830	2,830
25-Jan-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-18,990	-18,990
25-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,226	5,226
26-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,292	2,292
29-Jan-18	BlackRock Fund Advisors	on mkt buy	12.34	AUD	ORD	10,220	10,220
29-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.38	AUD	ORD	1,566	1,566
29-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.38	AUD	ORD	806	806
29-Jan-18	BlackRock Institutional Trust Company, National Association	on mkt sell	12.38	AUD	ORD	-6,107	-6,107
29-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	602	602
29-Jan-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	960	960
30-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.30	AUD	ORD	-4,290	-4,290
30-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.30	AUD	ORD	2,622	2,622
30-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.30	AUD	ORD	-380	-380
30-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.30	AUD	ORD	1,566	1,566
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,660	5,660
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,195	-3,195
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,484	-3,484
30-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-47,925	-47,925
31-Jan-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.32	AUD	ORD	-6,593	-6,593
31-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.39	AUD	ORD	-228	-228
31-Jan-18	BlackRock Advisors (UK) Limited	on mkt sell	12.39	AUD	ORD	-1,064	-1,064
31-Jan-18	BlackRock Advisors (UK) Limited	on mkt buy	12.39	AUD	ORD	412	412
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,905	9,905
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,094	5,094
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,169	12,169
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,490	8,490
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,376	20,376
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,697	16,697
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,151	3,151
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,585	-9,585
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,455	-7,455
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,130	-2,130
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,325	-5,325
31-Jan-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,715	-11,715
01-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.53	AUD	ORD	-1,893	-1,893
01-Feb-18	BlackRock Fund Advisors	on mkt sell	12.52	AUD	ORD	-45,618	-45,618
01-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.53	AUD	ORD	-1,748	-1,748
01-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.52	AUD	ORD	-806	-806
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,905	9,905
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,830	2,830
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,056	9,056
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,369	-9,369
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,246	-6,246
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,123	-3,123
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,369	-9,369
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,246	-6,246
01-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	62,439	62,439
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,050	-2,050
01-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,205	-5,205
02-Feb-18	BlackRock Japan Co., Ltd.	on mkt buy	12.49	AUD	ORD	914	914
02-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.51	AUD	ORD	107	107
02-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.51	AUD	ORD	404	404
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,484	-3,484
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,925	-1,925
02-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,246	-6,246

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
02-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-130,715	-130,715
02-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	130,715	130,715
05-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.30	AUD	ORD	7,495	7,495
05-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.30	AUD	ORD	2,349	2,349
05-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.30	AUD	ORD	206	206
05-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.30	AUD	ORD	-28,918	-28,918
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,151	-3,151
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,181	-1,181
05-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,123	-3,123
06-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,155	-1,155
06-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,974	-1,974
06-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,010	-2,010
07-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.02	AUD	ORD	-49,619	-49,619
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	11.98	AUD	ORD	-806	-806
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	11.98	AUD	ORD	-1,612	-1,612
07-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	11.98	AUD	ORD	-2,418	-2,418
07-Feb-18	BlackRock Investment Management, LLC	on mkt sell	11.98	AUD	ORD	-1,724	-1,724
07-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
07-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,697	-4,697
08-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.02	AUD	ORD	-3,375	-3,375
08-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.05	AUD	ORD	-277	-277
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.05	AUD	ORD	-2,014	-2,014
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.05	AUD	ORD	3,915	3,915
08-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.05	AUD	ORD	-2,418	-2,418
08-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
08-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-14,556	-14,556
09-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.92	AUD	ORD	4,698	4,698
09-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.92	AUD	ORD	3,132	3,132
09-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	11.92	AUD	ORD	17,786	17,786
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	340	340
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,302	-6,302
09-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,452	-10,452
09-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,974	1,974
12-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.84	AUD	ORD	836	836
12-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	11.84	AUD	ORD	-450	-450
12-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	11.84	AUD	ORD	4,130	4,130
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.95	AUD	ORD	152	152
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.95	AUD	ORD	380	380
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.95	AUD	ORD	515	515
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.95	AUD	ORD	4,698	4,698
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.92	AUD	ORD	1,566	1,566
13-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.95	AUD	ORD	836	836
13-Feb-18	BlackRock Investment Management (UK) Limited	on mkt buy	11.95	AUD	ORD	10,754	10,754
13-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,660	5,660
13-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,396	3,396
13-Feb-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-11,272	-11,272
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.92	AUD	ORD	76	76
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.92	AUD	ORD	783	783
14-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	11.92	AUD	ORD	304	304
14-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
14-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.06	AUD	ORD	-6,963	-6,963
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.03	AUD	ORD	-4,110	-4,110
15-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.06	AUD	ORD	-11,576	-11,576
15-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.07	AUD	ORD	1,089	1,089

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15-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
16-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.07	AUD	ORD	380	380
16-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.07	AUD	ORD	206	206
16-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,050	2,050
16-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,484	-3,484
19-Feb-18	BlackRock Fund Advisors	on mkt sell	12.26	AUD	ORD	-10,305	-10,305
19-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	12.26	AUD	ORD	-8,282	-8,282
20-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.34	AUD	ORD	-22,509	-22,509
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.33	AUD	ORD	1,566	1,566
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.37	AUD	ORD	380	380
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.37	AUD	ORD	380	380
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.37	AUD	ORD	412	412
20-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.37	AUD	ORD	-2,424	-2,424
20-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,891	-3,891
20-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,181	1,181
21-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.37	AUD	ORD	-28,121	-28,121
21-Feb-18	BlackRock Fund Advisors	on mkt buy	12.37	AUD	ORD	4,981	4,981
21-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,924	7,924
21-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,647	-7,647
21-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,724	4,724
22-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.64	AUD	ORD	-760	-760
22-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.64	AUD	ORD	-809	-809
23-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.74	AUD	ORD	2,352	2,352
23-Feb-18	BlackRock Fund Advisors	on mkt buy	12.74	AUD	ORD	2,684	2,684
23-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.74	AUD	ORD	-2,366	-2,366
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	534	534
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,484	-3,484
23-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,164	-4,164
26-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.95	AUD	ORD	3,496	3,496
26-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.95	AUD	ORD	2,352	2,352
26-Feb-18	BlackRock Advisors (UK) Limited	on mkt sell	12.95	AUD	ORD	-4,854	-4,854
26-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	12.95	AUD	ORD	30,915	30,915
26-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,367	3,367
27-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.91	AUD	ORD	-29,783	-29,783
27-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.90	AUD	ORD	784	784
27-Feb-18	BlackRock Advisors (UK) Limited	on mkt buy	12.90	AUD	ORD	1,008	1,008
27-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt buy	12.90	AUD	ORD	6,749	6,749
27-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,981	1,981
27-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,641	7,641
27-Feb-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	11,077	11,077
27-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-630	-630
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.70	AUD	ORD	-62,584	-62,584
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.70	AUD	ORD	-11,731	-11,731
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.70	AUD	ORD	-85,902	-85,902
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.70	AUD	ORD	-37,071	-37,071
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	3,970	3,970
28-Feb-18	BlackRock Investment Management (Australia) Limited	on mkt buy	12.63	AUD	ORD	3,396	3,396
28-Feb-18	BlackRock (Netherlands) B.V.	on mkt sell	12.63	AUD	ORD	-433	-433
28-Feb-18	BlackRock Institutional Trust Company, National Association	on mkt sell	12.63	AUD	ORD	-648	-648
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	316	316
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-245	-245
28-Feb-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-805	-805
28-Feb-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	14,055	14,055

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01-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.46	AUD	ORD	-21,475	-21,475
01-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	12.46	AUD	ORD	-60,193	-60,193
01-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	12.47	AUD	ORD	-515	-515
01-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,181	1,181
02-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	12.11	AUD	ORD	-760	-760
02-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	12.11	AUD	ORD	-225	-225
02-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,543	3,543
02-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,016	-2,016
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,092	1,092
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,660	5,660
05-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,968	-6,968
05-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,321	-10,321
06-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.91	AUD	ORD	-13,156	-13,156
06-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.91	AUD	ORD	-36,875	-36,875
06-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.91	AUD	ORD	1,009	1,009
06-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,075	7,075
07-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.78	AUD	ORD	-17,991	-17,991
07-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.78	AUD	ORD	-13,016	-13,016
07-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.78	AUD	ORD	-3,201	-3,201
07-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.78	AUD	ORD	-10,981	-10,981
07-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.78	AUD	ORD	-13,950	-13,950
07-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.74	AUD	ORD	1,568	1,568
07-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.74	AUD	ORD	-1,624	-1,624
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,660	5,660
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,225	21,225
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-49,696	-49,696
07-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,530	-15,530
08-Mar-18	BlackRock Investment Management, LLC	on mkt buy	11.78	AUD	ORD	1,405	1,405
08-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.70	AUD	ORD	-24,193	-24,193
08-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.69	AUD	ORD	3,127	3,127
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,094	5,094
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37,356	37,356
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,636	-18,636
08-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-37,272	-37,272
08-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,016	2,016
09-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.83	AUD	ORD	-4,710	-4,710
09-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.83	AUD	ORD	456	456
09-Mar-18	BlackRock Fund Advisors	on mkt buy	11.83	AUD	ORD	5,423	5,423
09-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	728	728
09-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,181	1,181
09-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,710	-8,710
09-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,411	-1,411
09-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-26,964	-26,964
12-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.96	AUD	ORD	1,572	1,572
12-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.96	AUD	ORD	-6,236	-6,236
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.94	AUD	ORD	786	786
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.93	AUD	ORD	815	815
13-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.93	AUD	ORD	-300	-300
13-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.93	AUD	ORD	4,394	4,394
13-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,490	8,490
13-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,106	-3,106
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.80	AUD	ORD	-37,645	-37,645
14-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.80	AUD	ORD	-36,261	-36,261
14-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,830	2,830

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14-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,164	-4,164
15-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.64	AUD	ORD	15,189	15,189
15-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.62	AUD	ORD	786	786
15-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,396	3,396
15-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,245	4,245
16-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.62	AUD	ORD	-150	-150
16-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.62	AUD	ORD	-1,012	-1,012
16-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-3,438	-3,438
16-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,106	-3,106
16-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,205	-5,205
16-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,142	-1,142
19-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,123	-3,123
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,632	-2,632
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-969	-969
20-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.72	AUD	ORD	10,976	10,976
20-Mar-18	BlackRock Fund Advisors	on mkt buy	11.72	AUD	ORD	6,836	6,836
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.72	AUD	ORD	1,574	1,574
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.73	AUD	ORD	1,012	1,012
20-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,226	-5,226
21-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,433	-6,433
21-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.80	AUD	ORD	-29,589	-29,589
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.77	AUD	ORD	2,361	2,361
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.77	AUD	ORD	787	787
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.77	AUD	ORD	1,574	1,574
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.79	AUD	ORD	787	787
21-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-3,717	-3,717
22-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.75	AUD	ORD	17,090	17,090
23-Mar-18	BlackRock Investment Management, LLC	on mkt sell	11.30	AUD	ORD	-4,152	-4,152
23-Mar-18	BlackRock Financial Management, Inc.	on mkt sell	11.30	AUD	ORD	-3,467	-3,467
23-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.28	AUD	ORD	-1,630	-1,630
23-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	11.28	AUD	ORD	102	102
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	969	969
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,632	2,632
23-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,106	-3,106
26-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,226	-5,226
27-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.14	AUD	ORD	-4,201	-4,201
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.15	AUD	ORD	-815	-815
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.15	AUD	ORD	-150	-150
27-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.15	AUD	ORD	4,611	4,611
27-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.15	AUD	ORD	-47,053	-47,053
27-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,411	1,411
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,212	-6,212
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,164	-4,164
28-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	11.05	AUD	ORD	-375	-375
28-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.05	AUD	ORD	-5,449	-5,449
28-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,818	-4,818
29-Mar-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.02	AUD	ORD	12,004	12,004
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	10.96	AUD	ORD	2,355	2,355
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	10.96	AUD	ORD	785	785
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	10.96	AUD	ORD	1,012	1,012
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	10.96	AUD	ORD	-150	-150
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.96	AUD	ORD	3,651	3,651
29-Mar-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,960	1,960

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29-Mar-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	26,835	26,835
03-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.85	AUD	ORD	20,769	20,769
03-Apr-18	BlackRock Fund Advisors	on mkt buy	10.81	AUD	ORD	16,749	16,749
03-Apr-18	BlackRock Fund Advisors	on mkt buy	10.81	AUD	ORD	8,996	8,996
03-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.81	AUD	ORD	6,840	6,840
03-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.81	AUD	ORD	3,982	3,982
03-Apr-18	BlackRock Fund Advisors	on mkt buy	10.81	AUD	ORD	5,356	5,356
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.78	AUD	ORD	-3,798	-3,798
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.78	AUD	ORD	-8,007	-8,007
04-Apr-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	49,429	49,429
04-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.80	AUD	ORD	-45,885	-45,885
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.80	AUD	ORD	-13,855	-13,855
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.80	AUD	ORD	-1,630	-1,630
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.80	AUD	ORD	1,012	1,012
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.80	AUD	ORD	244	244
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.80	AUD	ORD	-150	-150
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,274	-5,274
05-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.94	AUD	ORD	9,743	9,743
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	785	785
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.94	AUD	ORD	380	380
05-Apr-18	BlackRock Fund Advisors	on mkt buy	10.94	AUD	ORD	65,458	65,458
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,830	2,830
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,150	-3,150
06-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.82	AUD	ORD	456	456
06-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.82	AUD	ORD	-375	-375
06-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	10.82	AUD	ORD	-2,602	-2,602
06-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.82	AUD	ORD	4,635	4,635
06-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,200	-4,200
06-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,274	-5,274
09-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.82	AUD	ORD	12,339	12,339
09-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	10.80	AUD	ORD	-6,265	-6,265
09-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.80	AUD	ORD	-6,558	-6,558
09-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.80	AUD	ORD	-3,576	-3,576
09-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	5,491	5,491
10-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.97	AUD	ORD	6,618	6,618
10-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.98	AUD	ORD	532	532
10-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.98	AUD	ORD	4,811	4,811
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,980	2,980
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	7,403	7,403
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	3,983	3,983
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,473	5,473
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,250	-5,250
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,032	-7,032
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,150	-3,150
11-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.00	AUD	ORD	49,773	49,773
12-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.96	AUD	ORD	-3,897	-3,897
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.95	AUD	ORD	110	110
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.95	AUD	ORD	309	309
12-Apr-18	BlackRock Fund Advisors	on mkt buy	10.95	AUD	ORD	3,341	3,341
12-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.95	AUD	ORD	393	393
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,200	-4,200
13-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	11.05	AUD	ORD	206	206
16-Apr-18	BlackRock Asset Management Canada Limited	on mkt buy	11.08	AUD	ORD	416	416
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.92	AUD	ORD	786	786
16-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.92	AUD	ORD	309	309
16-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,259	-1,259
17-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.68	AUD	ORD	-14,250	-14,250
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-532	-532
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.66	AUD	ORD	1,572	1,572
17-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	10.66	AUD	ORD	-28,320	-28,320
17-Apr-18	BlackRock Fund Advisors	on mkt buy	10.66	AUD	ORD	28,265	28,265
17-Apr-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,843	-1,843
18-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.65	AUD	ORD	-1,153	-1,153
18-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.59	AUD	ORD	19,098	19,098
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.56	AUD	ORD	-6,727	-6,727
19-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.56	AUD	ORD	-17,507	-17,507
19-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.51	AUD	ORD	6,288	6,288
19-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	316	316
20-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.35	AUD	ORD	-1,005	-1,005
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,100	-2,100
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.52	AUD	ORD	2,358	2,358
23-Apr-18	BlackRock Fund Advisors	on mkt buy	10.52	AUD	ORD	4,208	4,208
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.59	AUD	ORD	786	786
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,500	2,500
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,060	6,060
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,514	11,514
23-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-13,769	-13,769
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,516	-3,516
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,032	-7,032
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.53	AUD	ORD	25,746	25,746
24-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.52	AUD	ORD	-786	-786
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.52	AUD	ORD	786	786
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.55	AUD	ORD	786	786
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.52	AUD	ORD	309	309
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	310	310
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	930	930
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,120	12,120
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,274	-5,274
25-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,018	-3,018
26-Apr-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	3,093	3,093
26-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.01	AUD	ORD	3,001	3,001
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.00	AUD	ORD	425	425
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	612	612
27-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.95	AUD	ORD	53,607	53,607
27-Apr-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.95	AUD	ORD	26,708	26,708
27-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	9.96	AUD	ORD	861	861
27-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	9.96	AUD	ORD	13,888	13,888
27-Apr-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,235	4,235
27-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	995	995
30-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	10,676	10,676
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.06	AUD	ORD	-2,583	-2,583
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.06	AUD	ORD	1,718	1,718
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	10.06	AUD	ORD	-1,718	-1,718
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	10.06	AUD	ORD	15,811	15,811

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30-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,497	-5,497
30-Apr-18	BlackRock Fund Advisors	in specie	AUD	ORD -930	-930
01-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 43,971	43,971
01-May-18	BlackRock Fund Advisors	in specie	AUD	ORD -5,274	-5,274
02-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 48,091	48,091
02-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 9,010	9,010
02-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 54,213	54,213
02-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,633	7,633
02-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 72,283	72,283
02-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 340	340
02-May-18	BlackRock Fund Advisors	in specie	AUD	ORD 714	714
02-May-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 5,110	5,110
02-May-18	BlackRock Fund Advisors	in specie	AUD	ORD 3,543	3,543
02-May-18	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -4,188	-4,188
02-May-18	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -65,577	-65,577
03-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 33,063	33,063
03-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 861	861
03-May-18	BlackRock Fund Advisors	in specie	AUD	ORD -5,274	-5,274
03-May-18	BlackRock Fund Advisors	in specie	AUD	ORD 2,362	2,362
07-May-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 33,418	33,418
08-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 42,815	42,815
08-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 12,708	12,708
08-May-18	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD -54,029	-54,029
08-May-18	BlackRock Financial Management, Inc.	in specie	AUD	ORD 54,029	54,029
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,321	6,321
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 29,896	29,896
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 4,083	4,083
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 29,896	29,896
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 12,907	12,907
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 25,814	25,814
09-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -792	-792
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 11,609	11,609
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 54,897	54,897
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,497	7,497
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 54,897	54,897
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 23,700	23,700
09-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 47,400	47,400
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 4,305	4,305
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 861	861
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 340	340
09-May-18	BlackRock Financial Management, Inc.	on mkt buy	AUD	ORD 2,610	2,610
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,690	1,690
09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -6,786	-6,786
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 340	340

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09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.19	AUD	ORD	-1,133	-1,133
09-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.19	AUD	ORD	360	360
09-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-9,089	-9,089
10-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.17	AUD	ORD	76,573	76,573
10-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.17	AUD	ORD	2,586	2,586
10-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.14	AUD	ORD	-3,372	-3,372
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.07	AUD	ORD	1,724	1,724
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.07	AUD	ORD	3,448	3,448
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.07	AUD	ORD	425	425
11-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,410	3,410
14-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	2,589	2,589
14-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.13	AUD	ORD	-2,535	-2,535
14-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.13	AUD	ORD	-5,070	-5,070
14-May-18	BlackRock Investment Management, LLC	on mkt buy	10.13	AUD	ORD	14,658	14,658
14-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,550	1,550
15-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.14	AUD	ORD	71,599	71,599
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.13	AUD	ORD	-7,345	-7,345
15-May-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	9,089	9,089
15-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	14,494	14,494
16-May-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,296	1,296
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	14,221	14,221
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	20,052	20,052
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	4,865	4,865
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	37,692	37,692
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	43,558	43,558
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	29,038	29,038
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	58,077	58,077
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.26	AUD	ORD	-786	-786
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.26	AUD	ORD	85	85
16-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.26	AUD	ORD	595	595
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	3,862	3,862
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	5,445	5,445
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	1,321	1,321
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	10,233	10,233
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	11,825	11,825
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	7,884	7,884
16-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	15,767	15,767
16-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
17-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.36	AUD	ORD	89,604	89,604
17-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.41	AUD	ORD	680	680
17-May-18	BlackRock Fund Advisors	on mkt buy	10.41	AUD	ORD	25,760	25,760
17-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,448	-9,448
18-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.44	AUD	ORD	255	255
18-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
18-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,810	-11,810
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	2,773	2,773
21-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,724	-4,724
21-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,101	-4,101
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-533	-533

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22-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.24	AUD	ORD	29,301	29,301
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.28	AUD	ORD	2,244	2,244
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.28	AUD	ORD	360	360
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.28	AUD	ORD	270	270
22-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.28	AUD	ORD	540	540
22-May-18	BlackRock Japan Co., Ltd.	on mkt sell	10.28	AUD	ORD	-256	-256
22-May-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-17,715	-17,715
23-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.30	AUD	ORD	40,278	40,278
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.31	AUD	ORD	765	765
23-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.31	AUD	ORD	-2,529	-2,529
23-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.31	AUD	ORD	-2,529	-2,529
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.31	AUD	ORD	425	425
24-May-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.16	AUD	ORD	1,220	1,220
24-May-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	1,660	1,660
25-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.30	AUD	ORD	2,592	2,592
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.15	AUD	ORD	864	864
30-May-18	BlackRock Advisors (UK) Limited	on mkt sell	10.15	AUD	ORD	-600	-600
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.15	AUD	ORD	637	637
30-May-18	BlackRock Fund Advisors	on mkt buy	10.15	AUD	ORD	9,056	9,056
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	415	415
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	7,559	7,559
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	5,579	5,579
31-May-18	BlackRock Investment Management, LLC	on mkt buy	10.13	AUD	ORD	488	488
31-May-18	BlackRock Investment Management, LLC	on mkt buy	10.13	AUD	ORD	667	667
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	7,217	7,217
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	9,769	9,769
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	2,708	2,708
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	1,997	1,997
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	5,054	5,054
31-May-18	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	6,846	6,846
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	10,266	10,266
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	7,584	7,584
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.13	AUD	ORD	-1,350	-1,350
31-May-18	BlackRock (Netherlands) B.V.	on mkt sell	10.13	AUD	ORD	-10,539	-10,539
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.13	AUD	ORD	-17,751	-17,751
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	44,123	44,123
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.13	AUD	ORD	59,741	59,741
31-May-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.13	AUD	ORD	-1,975	-1,975
31-May-18	BlackRock Investment Management (UK) Limited	on mkt sell	10.13	AUD	ORD	-4,483	-4,483
01-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.08	AUD	ORD	-10,961	-10,961
01-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,465	-9,465
01-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,546	-3,546
04-Jun-18	BlackRock Fund Advisors	on mkt buy	10.06	AUD	ORD	7,995	7,995
04-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.06	AUD	ORD	2,240	2,240
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.12	AUD	ORD	17,577	17,577
05-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.10	AUD	ORD	-608	-608
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,910	-5,910
06-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.09	AUD	ORD	36,682	36,682
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.08	AUD	ORD	4,530	4,530
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.05	AUD	ORD	3,624	3,624
06-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	9,095	9,095
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	624	624

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06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,182	-1,182
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,546	-3,546
07-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.11	AUD	ORD	5,665	5,665
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.08	AUD	ORD	2,724	2,724
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.08	AUD	ORD	3,632	3,632
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.08	AUD	ORD	1,123	1,123
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.08	AUD	ORD	364	364
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	728	728
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,310	-6,310
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.09	AUD	ORD	909	909
08-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.09	AUD	ORD	1,818	1,818
08-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,128	-2,128
12-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.91	AUD	ORD	5,528	5,528
12-Jun-18	BlackRock Advisors, LLC	on mkt sell	9.93	AUD	ORD	-23,889	-23,889
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	9.87	AUD	ORD	1,820	1,820
12-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	9.87	AUD	ORD	910	910
12-Jun-18	BlackRock (Netherlands) B.V.	on mkt buy	9.87	AUD	ORD	338	338
12-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	316	316
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.75	AUD	ORD	832	832
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.75	AUD	ORD	35,848	35,848
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.75	AUD	ORD	2,357	2,357
13-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.75	AUD	ORD	34,911	34,911
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.87	AUD	ORD	8,485	8,485
14-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	9.91	AUD	ORD	3,488	3,488
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.26	AUD	ORD	1,734	1,734
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	33,530	33,530
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	22,899	22,899
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.26	AUD	ORD	11,916	11,916
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.26	AUD	ORD	11,702	11,702
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-790	-790
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,704	-11,704
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,310	-6,310
18-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,144	-7,144
19-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.38	AUD	ORD	14,515	14,515
19-Jun-18	BlackRock Fund Advisors	on mkt sell	10.41	AUD	ORD	-22,110	-22,110
19-Jun-18	BlackRock Fund Advisors	on mkt sell	10.41	AUD	ORD	-14,624	-14,624
19-Jun-18	BlackRock Fund Advisors	on mkt sell	10.41	AUD	ORD	-9,900	-9,900
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,099	-3,099
19-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	5,466	5,466
20-Jun-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.48	AUD	ORD	37,395	37,395
20-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.54	AUD	ORD	18,746	18,746
20-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.54	AUD	ORD	55,063	55,063
20-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.53	AUD	ORD	2,595	2,595
20-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.53	AUD	ORD	-5,873	-5,873
20-Jun-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	8,308	8,308
20-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,715	-13,715
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.50	AUD	ORD	850	850
21-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	10.50	AUD	ORD	-726	-726
21-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,620	-4,620
21-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-667	-667
22-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,952	-10,952
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,030	1,030
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,085	-8,085
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165

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25-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165
26-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.34	AUD	ORD	19,768	19,768
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	455	455
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,155	-1,155
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,110	-2,110
26-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.31	AUD	ORD	8,659	8,659
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.31	AUD	ORD	26,531	26,531
27-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.31	AUD	ORD	44,212	44,212
27-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	10.27	AUD	ORD	-2,730	-2,730
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,516	3,516
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.33	AUD	ORD	24,560	24,560
28-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.32	AUD	ORD	-1,179	-1,179
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	10.32	AUD	ORD	-242	-242
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,310	-2,310
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,516	-3,516
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.28	AUD	ORD	33,548	33,548
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.30	AUD	ORD	8,190	8,190
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	10.19	AUD	ORD	1,742	1,742
29-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	10.19	AUD	ORD	-600	-600
29-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.19	AUD	ORD	-21,589	-21,589
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.19	AUD	ORD	-11,828	-11,828
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,122	1,122
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165
02-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.29	AUD	ORD	90,132	90,132
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,385	-7,385
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,385	-7,385
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,099	-3,099
02-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,465	3,465
03-Jul-18	BlackRock Investment Management, LLC	on mkt buy	10.33	AUD	ORD	1,236	1,236
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.45	AUD	ORD	-1,822	-1,822
03-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.45	AUD	ORD	1,742	1,742
04-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.36	AUD	ORD	24,772	24,772
04-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.35	AUD	ORD	3,050	3,050
04-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.35	AUD	ORD	30,293	30,293
04-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.35	AUD	ORD	38,480	38,480
04-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.35	AUD	ORD	76,959	76,959
04-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.35	AUD	ORD	-9,110	-9,110
04-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.32	AUD	ORD	871	871
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.41	AUD	ORD	-1,498	-1,498
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.49	AUD	ORD	7,922	7,922
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.49	AUD	ORD	340	340
06-Jul-18	BlackRock (Netherlands) B.V.	on mkt buy	10.49	AUD	ORD	1,037	1,037
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,590	-1,590
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
09-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-1,124	-1,124
09-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	10.60	AUD	ORD	14,320	14,320
09-Jul-18	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	15,840	15,840
09-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
10-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.55	AUD	ORD	31,317	31,317
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.57	AUD	ORD	27,270	27,270
10-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.52	AUD	ORD	160	160

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10-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
10-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	19,136	19,136
10-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-27,180	-27,180
10-Jul-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,936	-4,936
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	17,353	17,353
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	51,008	51,008
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	7,691	7,691
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	31,795	31,795
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	5,858	5,858
11-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	12,877	12,877
11-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.65	AUD	ORD	390	390
11-Jul-18	BlackRock Fund Advisors	on mkt buy	10.65	AUD	ORD	5,646	5,646
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.83	AUD	ORD	581	581
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,984	15,984
12-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
13-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.73	AUD	ORD	41,456	41,456
13-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.71	AUD	ORD	273	273
13-Jul-18	BlackRock Asset Management Canada Limited	on mkt buy	10.71	AUD	ORD	7,902	7,902
13-Jul-18	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-12,241	-12,241
16-Jul-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.67	AUD	ORD	3,823	3,823
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.72	AUD	ORD	-26,535	-26,535
16-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.70	AUD	ORD	129	129
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.69	AUD	ORD	-1,503	-1,503
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.69	AUD	ORD	-909	-909
17-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.69	AUD	ORD	-2,246	-2,246
17-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.69	AUD	ORD	-15,638	-15,638
17-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,751	-5,751
18-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.75	AUD	ORD	1,814	1,814
18-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.75	AUD	ORD	48,828	48,828
18-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.75	AUD	ORD	-11,697	-11,697
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,104	-7,104
18-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,552	-3,552
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.84	AUD	ORD	-872	-872
20-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.83	AUD	ORD	-393	-393
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.83	AUD	ORD	871	871
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.83	AUD	ORD	72	72
20-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.83	AUD	ORD	273	273
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,155	1,155
20-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,389	-5,389
20-Jul-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,952	-10,952
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.82	AUD	ORD	273	273
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.82	AUD	ORD	1,818	1,818
23-Jul-18	BlackRock Japan Co., Ltd.	on mkt sell	10.82	AUD	ORD	-295	-295
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,189	-3,189
23-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,806	-10,806
24-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,364	-5,364
24-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.91	AUD	ORD	74,919	74,919
24-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	10.91	AUD	ORD	872	872
24-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
25-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,400	-5,400

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.94	AUD	ORD	3,155	3,155
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.94	AUD	ORD	-10,915	-10,915
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.94	AUD	ORD	31,933	31,933
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.94	AUD	ORD	49,361	49,361
25-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.94	AUD	ORD	-786	-786
25-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	10.94	AUD	ORD	-1,120	-1,120
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-158	-158
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,880	-8,880
26-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,605	-11,605
26-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-9,640	-9,640
27-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.05	AUD	ORD	2,355	2,355
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	11.05	AUD	ORD	3,636	3,636
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	11.05	AUD	ORD	468	468
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	11.05	AUD	ORD	637	637
27-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	11.05	AUD	ORD	28,558	28,558
30-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.10	AUD	ORD	-20,880	-20,880
30-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165
31-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.10	AUD	ORD	-6,832	-6,832
31-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.11	AUD	ORD	209,759	209,759
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	11.11	AUD	ORD	910	910
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	11.11	AUD	ORD	1,820	1,820
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	11.11	AUD	ORD	156	156
31-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	11.11	AUD	ORD	-720	-720
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	700	700
31-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-766	-766
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35	-35
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,328	-5,328
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,328	-5,328
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.06	AUD	ORD	5,068	5,068
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.06	AUD	ORD	16,588	16,588
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.06	AUD	ORD	6,053	6,053
01-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.06	AUD	ORD	-11,849	-11,849
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	11.04	AUD	ORD	20,020	20,020
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	11.06	AUD	ORD	-29,120	-29,120
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,590	-1,590
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	800	800
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165
02-Aug-18	BlackRock Fund Advisors	on mkt sell	10.90	AUD	ORD	-8,905	-8,905
02-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.90	AUD	ORD	-13,465	-13,465
02-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.90	AUD	ORD	-37,588	-37,588
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	11.00	AUD	ORD	-9,090	-9,090
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,560	4,560
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,080	6,080
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,567	-9,567
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,189	-3,189
03-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	10.83	AUD	ORD	546	546
03-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,552	-3,552
03-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,289	-3,289
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,560	4,560
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,552	-3,552
07-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.92	AUD	ORD	236,550	236,550
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	10.91	AUD	ORD	25,396	25,396
07-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	872	872

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08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.95	AUD	ORD 3,240	3,240
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.95	AUD	ORD 1,605	1,605
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.95	AUD	ORD 18,792	18,792
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.95	AUD	ORD 20,714	20,714
08-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.95	AUD	ORD 17,670	17,670
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 10.91	AUD	ORD 2,378	2,378
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 10.91	AUD	ORD 182	182
08-Aug-18	BlackRock Financial Management, Inc.	on mkt buy 10.91	AUD	ORD 1,701	1,701
08-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy 10.91	AUD	ORD 27,605	27,605
08-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,552	-3,552
09-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,000	1,000
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie n/a	AUD	ORD 3,289	3,289
09-Aug-18	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -3,045	-3,045
10-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,000	2,000
13-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell 10.82	AUD	ORD -3,118	-3,118
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 10.82	AUD	ORD 5,478	5,478
13-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell 10.82	AUD	ORD -872	-872
13-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -1,228	-1,228
14-Aug-18	BlackRock Advisors, LLC	on mkt sell 10.99	AUD	ORD -67,671	-67,671
14-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell 10.99	AUD	ORD -1,828	-1,828
14-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy 10.99	AUD	ORD 4,896	4,896
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.09	AUD	ORD 13,073	13,073
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.09	AUD	ORD 54,938	54,938
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.09	AUD	ORD 8,442	8,442
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.09	AUD	ORD 61,824	61,824
15-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.09	AUD	ORD 19,800	19,800
15-Aug-18	BlackRock Investment Management, LLC	on mkt buy 11.13	AUD	ORD 3,785	3,785
15-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy 11.13	AUD	ORD 57,585	57,585
16-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.26	AUD	ORD 3,045	3,045
16-Aug-18	BlackRock Fund Advisors	on mkt sell 11.26	AUD	ORD -1,742	-1,742
16-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,310	2,310
17-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy 11.31	AUD	ORD 836	836
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 11.28	AUD	ORD 1,118	1,118
20-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -14,208	-14,208
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 11.09	AUD	ORD 45	45
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 11.09	AUD	ORD 72	72
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell 11.07	AUD	ORD -19,173	-19,173
21-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell 11.09	AUD	ORD -21,888	-21,888
21-Aug-18	BlackRock Advisors, LLC	on mkt buy 11.09	AUD	ORD 62,629	62,629
21-Aug-18	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -1,455	-1,455
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.96	AUD	ORD 14,222	14,222
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.96	AUD	ORD 9,237	9,237
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.96	AUD	ORD 4,825	4,825
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt buy 10.96	AUD	ORD 6,144	6,144
22-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell 10.96	AUD	ORD -11,726	-11,726
22-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell 10.95	AUD	ORD -4,545	-4,545

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23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell 10.97	AUD	ORD -8,649	-8,649
23-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt sell 10.97	AUD	ORD -3,872	-3,872
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -10,657	-10,657
27-Aug-18	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -7,069	-7,069
28-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.27	AUD	ORD -7,511	-7,511
29-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.44	AUD	ORD -11,099	-11,099
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell 11.52	AUD	ORD -1,744	-1,744
29-Aug-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 3,137	3,137
30-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy 11.54	AUD	ORD 135	135
30-Aug-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.55	AUD	ORD -10,539	-10,539
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell 11.54	AUD	ORD -18,160	-18,160
31-Aug-18	BlackRock International Limited	on mkt buy 11.49	AUD	ORD 7,392	7,392
31-Aug-18	BlackRock Financial Management, Inc.	on mkt buy 11.49	AUD	ORD 11,683	11,683
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 11.49	AUD	ORD 4,828	4,828
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy 11.49	AUD	ORD 4,150	4,150
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.38	AUD	ORD -3,782	-3,782
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.38	AUD	ORD -10,130	-10,130
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.42	AUD	ORD 904	904
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.42	AUD	ORD 156	156
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.39	AUD	ORD 5,424	5,424
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.39	AUD	ORD 9,040	9,040
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell 11.42	AUD	ORD -1,796	-1,796
05-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.26	AUD	ORD -3,118	-3,118
05-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell 11.26	AUD	ORD -2,336	-2,336
05-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -954	-954
05-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,500	2,500
06-Sep-18	BlackRock Investment Management (UK) Limited	on mkt buy 11.13	AUD	ORD 2,923	2,923
06-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 912	912
06-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -6,330	-6,330
06-Sep-18	BlackRock Advisors (UK) Limited	in specie n/a	AUD	ORD -3,698	-3,698
06-Sep-18	BlackRock Advisors (UK) Limited	in specie n/a	AUD	ORD -2,098	-2,098
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.10	AUD	ORD 156	156
07-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.11	AUD	ORD 6,349	6,349
07-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,000	1,000
07-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 6,688	6,688
07-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 5,168	5,168
07-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,552	-3,552
10-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy 11.29	AUD	ORD 1,740	1,740
10-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.29	AUD	ORD 468	468
10-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 1,200	1,200
10-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 2,310	2,310
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.50	AUD	ORD 2,724	2,724
11-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD 70	70
11-Sep-18	BlackRock Institutional Trust Company, National Association	in specie n/a	AUD	ORD -15,265	-15,265
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.43	AUD	ORD -12,899	-12,899
12-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.43	AUD	ORD -6,881	-6,881
12-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,165	-3,165
12-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -3,552	-3,552
13-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.24	AUD	ORD -6,837	-6,837
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell 11.22	AUD	ORD -1,164	-1,164
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.22	AUD	ORD 390	390
13-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy 11.22	AUD	ORD 156	156
13-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell 11.22	AUD	ORD -30,352	-30,352
13-Sep-18	BlackRock Fund Advisors	in specie n/a	AUD	ORD -6,330	-6,330

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13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
13-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,328	-5,328
14-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.29	AUD	ORD	20,562	20,562
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,098	2,098
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	3,698	3,698
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	32,176	32,176
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	47,256	47,256
17-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	11.29	AUD	ORD	1,153	1,153
18-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.43	AUD	ORD	-8,005	-8,005
18-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.41	AUD	ORD	-7,519	-7,519
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	11.41	AUD	ORD	1,503	1,503
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.32	AUD	ORD	-15,796	-15,796
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.32	AUD	ORD	-9,653	-9,653
19-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.31	AUD	ORD	-6,892	-6,892
19-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,328	-5,328
19-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.31	AUD	ORD	-31,604	-31,604
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.36	AUD	ORD	-3,846	-3,846
20-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.38	AUD	ORD	-19,856	-19,856
20-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	11.38	AUD	ORD	1,503	1,503
20-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.38	AUD	ORD	-452	-452
20-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	11.07	AUD	ORD	-7,272	-7,272
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.07	AUD	ORD	-7,024	-7,024
21-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	11.07	AUD	ORD	15,283	15,283
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.07	AUD	ORD	5,224	5,224
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.07	AUD	ORD	7,491	7,491
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.07	AUD	ORD	7,476	7,476
21-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,585	-2,585
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
21-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,715	-13,715
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	11.05	AUD	ORD	-1,796	-1,796
24-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	11.05	AUD	ORD	546	546
24-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.05	AUD	ORD	-12,127	-12,127
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,328	-5,328
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
25-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,465	3,465
25-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	2,443	2,443
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.88	AUD	ORD	3,086	3,086
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.88	AUD	ORD	-9,259	-9,259
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.89	AUD	ORD	3,045	3,045
26-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-3,118	-3,118
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	10.89	AUD	ORD	907	907
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	10.88	AUD	ORD	4,535	4,535
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	10.89	AUD	ORD	390	390
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	10.89	AUD	ORD	702	702
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,216	1,216
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,055	-1,055

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26-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-10,648	-10,648
27-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.90	AUD	ORD	-10,561	-10,561
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	10.93	AUD	ORD	-2,694	-2,694
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	472	472
27-Sep-18	BlackRock Fund Advisors	on mkt buy	10.93	AUD	ORD	36,330	36,330
27-Sep-18	BlackRock Fund Advisors	on mkt buy	10.93	AUD	ORD	8,944	8,944
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.93	AUD	ORD	9,915	9,915
27-Sep-18	BlackRock Fund Advisors	on mkt sell	10.93	AUD	ORD	-3,367	-3,367
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.93	AUD	ORD	-8,273	-8,273
27-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.93	AUD	ORD	-11,147	-11,147
27-Sep-18	BlackRock Asset Management Canada Limited	on mkt sell	10.93	AUD	ORD	-6,491	-6,491
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	900	900
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,583	-1,583
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,014	-2,014
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,014	2,014
28-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt buy	11.00	AUD	ORD	60,737	60,737
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	11.02	AUD	ORD	156	156
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	11.02	AUD	ORD	-5,735	-5,735
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,248	11,248
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,560	4,560
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,380	-5,380
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-2,782	-2,782
28-Sep-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-37,068	-37,068
01-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	10.87	AUD	ORD	-971	-971
01-Oct-18	BlackRock Fund Advisors	on mkt buy	10.87	AUD	ORD	5,748	5,748
02-Oct-18	BlackRock Advisors, LLC	on mkt sell	10.87	AUD	ORD	-3,629	-3,629
02-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.78	AUD	ORD	-18,277	-18,277
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.76	AUD	ORD	312	312
02-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.76	AUD	ORD	826	826
02-Oct-18	BlackRock (Netherlands) B.V.	on mkt buy	10.76	AUD	ORD	528	528
02-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.87	AUD	ORD	4,440	4,440
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.76	AUD	ORD	6,375	6,375
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.76	AUD	ORD	3,329	3,329
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.76	AUD	ORD	27,199	27,199
03-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.76	AUD	ORD	18,012	18,012
03-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.77	AUD	ORD	4,615	4,615
03-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.77	AUD	ORD	390	390
03-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	10.77	AUD	ORD	3,229	3,229
04-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	11.09	AUD	ORD	-7,852	-7,852
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	11.01	AUD	ORD	234	234
04-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	11.01	AUD	ORD	-364	-364
04-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	11.01	AUD	ORD	1,601	1,601
04-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	4,019	4,019
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.79	AUD	ORD	152	152
05-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.79	AUD	ORD	2,610	2,610

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
05-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.79	AUD	ORD	-1,794	-1,794
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,904	7,904
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.64	AUD	ORD	130	130
08-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.64	AUD	ORD	1,510	1,510
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	158	158
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,310	2,310
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	37,068	37,068
09-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,782	2,782
09-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.53	AUD	ORD	-9,491	-9,491
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,100	7,100
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.53	AUD	ORD	-2,453	-2,453
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.53	AUD	ORD	-1,386	-1,386
10-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.53	AUD	ORD	-13,800	-13,800
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.56	AUD	ORD	156	156
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,030	-1,030
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,888	-2,888
11-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.42	AUD	ORD	-9,328	-9,328
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.38	AUD	ORD	-2,688	-2,688
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.38	AUD	ORD	468	468
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.38	AUD	ORD	156	156
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.38	AUD	ORD	-637	-637
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,000	10,000
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,532	-7,532
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,228	-3,228
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.42	AUD	ORD	-896	-896
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.42	AUD	ORD	-3,584	-3,584
12-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.42	AUD	ORD	21,099	21,099
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	10.42	AUD	ORD	-16,989	-16,989
12-Oct-18	BlackRock Advisors, LLC	on mkt sell	10.42	AUD	ORD	-297	-297
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,074	-1,074
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,074	1,074
12-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,189	-3,189
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-11,326	-11,326
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	11,326	11,326
12-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-47,535	-47,535
15-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.30	AUD	ORD	3,031	3,031
15-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.30	AUD	ORD	3,825	3,825
16-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.33	AUD	ORD	-6,136	-6,136
16-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	10.32	AUD	ORD	90,157	90,157
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.32	AUD	ORD	908	908
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.32	AUD	ORD	-908	-908
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	10.32	AUD	ORD	-3,486	-3,486
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	10.32	AUD	ORD	312	312
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,000	9,000
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.43	AUD	ORD	478	478
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.43	AUD	ORD	462	462
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.44	AUD	ORD	-2,566	-2,566
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	10.44	AUD	ORD	-6,166	-6,166
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.45	AUD	ORD	4,428	4,428
17-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	10.45	AUD	ORD	4,282	4,282
17-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	316	316

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected
18-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -9,094	-9,094
18-Oct-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 116,883	116,883
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 312	312
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 1,030	1,030
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	AUD	ORD 2,888	2,888
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 109	109
22-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -1,557	-1,557
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 894	894
22-Oct-18	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ORD 10,161	10,161
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 840	840
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 9,960	9,960
22-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 3,465	3,465
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -6,244	-6,244
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,816	1,816
24-Oct-18	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 4,775	4,775
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,974	7,974
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -895	-895
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 468	468
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,443	5,443
24-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD -3,189	-3,189
25-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,773	8,773
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,818	1,818
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,788	1,788
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	AUD	ORD 17,787	17,787
26-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 2,139	2,139
26-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD -5,283	-5,283
26-Oct-18	BlackRock Advisors, LLC	in specie	AUD	ORD 5,283	5,283
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 26,155	26,155
26-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 13,711	13,711
26-Oct-18	BlackRock Fund Advisors	on mkt buy	AUD	ORD 63	63
29-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 22,745	22,745
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -637	-637
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 858	858
29-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 2,200	2,200
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 13,371	13,371
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 17,530	17,530
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 92,431	92,431
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 12,613	12,613
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,286	8,286
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 12,161	12,161
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 234	234
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ORD -910	-910
31-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 2,800	2,800
31-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD -7,600	-7,600
31-Oct-18	BlackRock Fund Advisors	in specie	AUD	ORD 1,160	1,160

02-Nov-18
Date

Maria Tricarico,
Authorised Signatory

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 19,724	19,724	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	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 5,861	5,861	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	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 52,053	52,053	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 4,697	4,697	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 633,424	633,424	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	JPM - J.P. Morgan 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 27,093	27,093	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 277,275	277,275	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 68,631	68,631	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	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 857,209	857,209	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 7,242	7,242	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 5,283	5,283	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 284,727	284,727	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 8,721	8,721	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	RBC-ROYAL TRUST - TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,078	3,078	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 2,526	2,526	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 206,705	206,705	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 288	288	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 2,260	2,260	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 496	496	Subsidiary of BlackRock, Inc.
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 12,033	12,033	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 32,404	32,404	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.	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 54,566	54,566	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 74,193	74,193	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 3,059	3,059	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	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 5,193	5,193	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 62,786	62,786	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 5,125	5,125	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 5,044,850	5,044,850	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 307,743	307,743	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 5,296,063	5,296,063	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 113,209	113,209	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	RBC-ROYAL TRUST - TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 3,779	3,779	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB BOSTON INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 8,338	8,338	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 317,901	317,901	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 37,911	37,911	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 10,225	10,225	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 1,018	1,018	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 16,281	16,281	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 142,822	142,822	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 60,951	60,951	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 302,880	302,880	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 1,122,615	1,122,615	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 2,011,553	2,011,553	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 258,004	258,004	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 467,866	467,866	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 151,129	151,129	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LON		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 17,718	17,718	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	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 2,715	2,715	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 10,739	10,739	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 173,636	173,636	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 162,750	162,750	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 238,456	238,456	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 253,994	253,994	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 20,786	20,786	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 251,637	251,637	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 28,069	28,069	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 301,037	301,037	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 41,283	41,283	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 16,309	16,309	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 95,827	95,827	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 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 36,430	36,430	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 421,897	421,897	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 225,136	225,136	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 242,623	242,623	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	USB-US BANK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 11,165	11,165	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 5,049	5,049	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 587,885	587,885	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 5,982	5,982	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 302,694	302,694	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 366,351	366,351	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 66,945	66,945	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	SSB-STATE STREET AUSTRALIA		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 147,771	147,771	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 1,554,292	1,554,292	Subsidiary of BlackRock, Inc.

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

	02-Nov-18
Maria Tricarico,	Date
Authorised Signatory	

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 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)