

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**

To Company Name/Scheme _____

ACN/ARSN _____

1. Details of substantial holder(1)

Name _____

ACN/ARSN (if applicable) _____

There was a change in the interests of the
substantial holder on

____ / ____ / ____

The previous notice was given to the company on

____ / ____ / ____

The previous notice was dated

____ / ____ / ____

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)

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

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

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

Signature

print name

capacity

sign here

date / /

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

26-Jul-17

Kayla Mulvihill,
Authorised Signatory

Date

5. Consideration

COCHLEAR LTD (COH)							
Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	667	667
11-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.90	AUD	ord	1,159	1,159
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.90	AUD	ord	1,852	1,852
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	335	335
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	221	221
11-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.98	AUD	ord	1,967	1,967
11-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.98	AUD	ord	224	224
11-May-17	BlackRock Asset Management Canada Limited	on mkt buy	147.98	AUD	ord	772	772
11-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.98	AUD	ord	3,231	3,231
11-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.98	AUD	ord	1,054	1,054
11-May-17	BlackRock Investment Management, LLC	on mkt buy	147.98	AUD	ord	189	189
11-May-17	BlackRock International Limited	on mkt buy	147.90	AUD	ord	2,042	2,042
11-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	147.98	AUD	ord	260	260
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	603	603
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	9,898	9,898
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	582	582
11-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.98	AUD	ord	1,798	1,798
11-May-17	BlackRock Advisors, LLC	on mkt buy	147.98	AUD	ord	313	313
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	2,888	2,888
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	652	652
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	2,887	2,887
11-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.98	AUD	ord	2,099	2,099
11-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.98	AUD	ord	1,643	1,643
11-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.98	AUD	ord	220	220
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	2,764	2,764
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.98	AUD	ord	1,221	1,221
11-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	147.85	AUD	ord	35	35
11-May-17	BlackRock Advisors (UK) Limited	on mkt sell	147.11	AUD	ord	-298	-298
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.11	AUD	ord	519	519
11-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.90	AUD	ord	31,361	31,361
11-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
11-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-390	-390
11-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	390	390
12-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.09	AUD	ord	3,785	3,785

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-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.09	AUD	ord	1,385	1,385
12-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.09	AUD	ord	76	76
12-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.94	AUD	ord	684	684
12-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.09	AUD	ord	351	351
12-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.09	AUD	ord	14	14
12-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.09	AUD	ord	144	144
12-May-17	BlackRock Investment Management (UK) Limited	on mkt sell	146.09	AUD	ord	-16	-16
12-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,155	1,155
12-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
12-May-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	188	188
15-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	145.07	AUD	ord	642	642
15-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	145.07	AUD	ord	37	37
15-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	145.07	AUD	ord	35	35
15-May-17	BlackRock Advisors (UK) Limited	on mkt buy	145.07	AUD	ord	342	342
15-May-17	BlackRock Advisors (UK) Limited	on mkt buy	144.62	AUD	ord	356	356
15-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.62	AUD	ord	-2,611	-2,611
15-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.62	AUD	ord	-711	-711
15-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	430	430
15-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	825	825
15-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	301	301
16-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.01	AUD	ord	168	168
16-May-17	BlackRock Investment Management, LLC	on mkt buy	146.01	AUD	ord	218	218
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	317	317
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	84	84
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	117	117
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.01	AUD	ord	612	612
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.01	AUD	ord	88	88
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.00	AUD	ord	360	360
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.01	AUD	ord	172	172
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.01	AUD	ord	230	230
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.01	AUD	ord	415	415
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.01	AUD	ord	728	728
16-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.01	AUD	ord	157	157
16-May-17	BlackRock Asset Management Canada Limited	on mkt buy	146.01	AUD	ord	344	344
16-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.01	AUD	ord	1,386	1,386
16-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.01	AUD	ord	448	448
16-May-17	BlackRock International Limited	on mkt buy	146.01	AUD	ord	385	385
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	1,285	1,285
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	143	143
16-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.01	AUD	ord	443	443
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	870	870
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.01	AUD	ord	508	508
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.01	AUD	ord	401	401
16-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.01	AUD	ord	493	493
16-May-17	BlackRock Fund Advisors	on mkt buy	145.55	AUD	ord	522	522
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.27	AUD	ord	570	570
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.27	AUD	ord	14	14
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.27	AUD	ord	288	288
16-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.27	AUD	ord	56	56
16-May-17	BlackRock Fund Advisors	on mkt buy	146.27	AUD	ord	1,000	1,000
16-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	146.27	AUD	ord	620	620

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
16-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	146.27	AUD	ord	296	296
16-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	146.27	AUD	ord	377	377
16-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-807	-807
16-May-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	807	807
16-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
16-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
16-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,155	1,155
17-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	143.84	AUD	ord	39	39
17-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	143.84	AUD	ord	2,042	2,042
17-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	143.84	AUD	ord	349	349
17-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	143.84	AUD	ord	352	352
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-171	-171
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-2,137	-2,137
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-677	-677
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-97	-97
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-111	-111
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-837	-837
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	143.81	AUD	ord	-132	-132
17-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	142.76	AUD	ord	136	136
17-May-17	BlackRock Fund Advisors	on mkt buy	142.76	AUD	ord	845	845
17-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-70	-70
17-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-524	-524
17-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-262	-262
17-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
17-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	1,415	1,415
17-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-1,415	-1,415
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	106	106
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	107	107
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	335	335
18-May-17	BlackRock Financial Management, Inc.	on mkt buy	141.61	AUD	ord	157	157
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.61	AUD	ord	385	385
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.67	AUD	ord	738	738
18-May-17	BlackRock Financial Management, Inc.	on mkt buy	141.67	AUD	ord	108	108
18-May-17	BlackRock Asset Management Canada Limited	on mkt buy	141.67	AUD	ord	297	297
18-May-17	BlackRock Financial Management, Inc.	on mkt buy	141.67	AUD	ord	844	844
18-May-17	BlackRock Financial Management, Inc.	on mkt buy	141.67	AUD	ord	273	273
18-May-17	BlackRock Investment Management, LLC	on mkt buy	141.67	AUD	ord	134	134
18-May-17	BlackRock International Limited	on mkt buy	141.61	AUD	ord	843	843
18-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	141.67	AUD	ord	155	155
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	896	896
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	4,383	4,383
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	263	263
18-May-17	BlackRock Financial Management, Inc.	on mkt buy	141.67	AUD	ord	565	565

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-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	494	494
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	145	145
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	677	677
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.67	AUD	ord	913	913
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.67	AUD	ord	712	712
18-May-17	BlackRock Investment Management, LLC	on mkt buy	141.00	AUD	ord	111	111
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	576	576
18-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.67	AUD	ord	307	307
18-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	141.63	AUD	ord	1,470	1,470
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	94	94
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	200	200
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	342	342
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.71	AUD	ord	114	114
18-May-17	BlackRock Advisors (UK) Limited	on mkt sell	141.99	AUD	ord	-298	-298
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	32	32
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	144	144
18-May-17	BlackRock Advisors (UK) Limited	on mkt sell	141.99	AUD	ord	-88	-88
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	4,069	4,069
18-May-17	BlackRock Asset Management Canada Limited	on mkt buy	141.99	AUD	ord	289	289
18-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	141.99	AUD	ord	167	167
18-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.99	AUD	ord	114	114
18-May-17	BlackRock Advisors (UK) Limited	on mkt sell	141.99	AUD	ord	-149	-149
18-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,401	1,401
18-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-2,882	-2,882
18-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-786	-786
18-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	289	289
18-May-17	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	5,471	5,471
19-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.70	AUD	ord	141	141
19-May-17	BlackRock Financial Management, Inc.	on mkt buy	141.70	AUD	ord	1,609	1,609
19-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.70	AUD	ord	25	25
19-May-17	BlackRock Advisors (UK) Limited	on mkt buy	141.64	AUD	ord	160	160
19-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.11	AUD	ord	168	168
19-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.11	AUD	ord	176	176
19-May-17	BlackRock Investment Management (Australia) Limited	on mkt buy	142.11	AUD	ord	419	419
19-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	81	81
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.90	AUD	ord	115	115
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.90	AUD	ord	39	39
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	141.90	AUD	ord	9	9
22-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.11	AUD	ord	114	114
22-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.11	AUD	ord	100	100
22-May-17	BlackRock Investment Management, LLC	on mkt sell	142.11	AUD	ord	-942	-942
22-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	142.11	AUD	ord	-3,150	-3,150
22-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.11	AUD	ord	33	33
22-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-339	-339
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	495	495
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
22-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,485	1,485
22-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-822	-822
23-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	142.97	AUD	ord	100	100
23-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	142.97	AUD	ord	152	152

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		
23-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	142.97	AUD	ord	14	14
23-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.90	AUD	ord	585	585
23-May-17	BlackRock Advisors (UK) Limited	on mkt buy	142.90	AUD	ord	80	80
23-May-17	BlackRock Investment Management (UK) Limited	on mkt sell	142.90	AUD	ord	-2,570	-2,570
23-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	825	825
23-May-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-608	-608
23-May-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-2,255	-2,255
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	144.93	AUD	ord	384	384
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	144.93	AUD	ord	154	154
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	144.93	AUD	ord	1,447	1,447
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	144.93	AUD	ord	566	566
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	144.93	AUD	ord	567	567
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.88	AUD	ord	-124	-124
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.88	AUD	ord	-2,311	-2,311
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.88	AUD	ord	-499	-499
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.88	AUD	ord	-593	-593
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.88	AUD	ord	-99	-99
24-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	144.88	AUD	ord	-80	-80
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	144.93	AUD	ord	18	18
24-May-17	BlackRock Advisors (UK) Limited	on mkt buy	145.51	AUD	ord	96	96
24-May-17	BlackRock Advisors (UK) Limited	on mkt buy	145.51	AUD	ord	128	128
24-May-17	BlackRock Fund Advisors	on mkt buy	145.51	AUD	ord	1,549	1,549
24-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	145.51	AUD	ord	-1,572	-1,572
24-May-17	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ord	483	483
24-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	51	51
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	108	108
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	108	108
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	352	352
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.48	AUD	ord	304	304
25-May-17	BlackRock Investment Management, LLC	on mkt buy	146.50	AUD	ord	439	439
25-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.50	AUD	ord	174	174
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.48	AUD	ord	984	984
25-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.50	AUD	ord	179	179
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	187	187
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	143	143
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	82	82
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.50	AUD	ord	877	877
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.50	AUD	ord	137	137
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.46	AUD	ord	1,658	1,658
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.50	AUD	ord	264	264
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.50	AUD	ord	229	229
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.50	AUD	ord	246	246
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.50	AUD	ord	291	291
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.50	AUD	ord	110	110
25-May-17	BlackRock Asset Management Canada Limited	on mkt buy	146.50	AUD	ord	388	388

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-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.50	AUD	ord	657	657
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.50	AUD	ord	212	212
25-May-17	BlackRock Investment Management, LLC	on mkt buy	146.50	AUD	ord	123	123
25-May-17	BlackRock International Limited	on mkt buy	146.48	AUD	ord	1,284	1,284
25-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.50	AUD	ord	123	123
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	550	550
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	4,112	4,112
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	267	267
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.50	AUD	ord	536	536
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	579	579
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	170	170
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	541	541
25-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.50	AUD	ord	219	219
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.50	AUD	ord	783	783
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.50	AUD	ord	620	620
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.50	AUD	ord	1,124	1,124
25-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.50	AUD	ord	103	103
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	96	96
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	830	830
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	415	415
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.50	AUD	ord	74	74
25-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.50	AUD	ord	70	70
25-May-17	BlackRock Advisors, LLC	on mkt buy	146.50	AUD	ord	70	70
25-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.70	AUD	ord	342	342
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.70	AUD	ord	-386	-386
25-May-17	BlackRock Asset Management Canada Limited	on mkt sell	146.70	AUD	ord	-52	-52
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.70	AUD	ord	-155	-155
25-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.70	AUD	ord	1,052	1,052
25-May-17	BlackRock Asset Management Canada Limited	on mkt sell	146.70	AUD	ord	-721	-721
25-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-103,514	-103,514
25-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-7,676	-7,676
26-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.29	AUD	ord	249	249
26-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.29	AUD	ord	172	172
26-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.29	AUD	ord	27,109	27,109
26-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.07	AUD	ord	1,776	1,776
26-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.29	AUD	ord	14	14
26-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.56	AUD	ord	114	114
26-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	147.56	AUD	ord	-195	-195
26-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	147.56	AUD	ord	-78	-78
26-May-17	BlackRock Advisors (UK) Limited	on mkt sell	147.56	AUD	ord	-672	-672
26-May-17	BlackRock Advisors (UK) Limited	on mkt buy	147.56	AUD	ord	672	672
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	528	528
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	441	441
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-70	-70

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26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	81	81
26-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	498	498
26-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	17,868	17,868
26-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	2,255	2,255
26-May-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	608	608
29-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.52	AUD	ord	272	272
29-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	147.52	AUD	ord	187	187
29-May-17	BlackRock Financial Management, Inc.	on mkt buy	147.52	AUD	ord	7,473	7,473
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-179	-179
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-2,277	-2,277
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-680	-680
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-104	-104
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-903	-903
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-110	-110
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-785	-785
30-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.08	AUD	ord	-91	-91
30-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,485	1,485
30-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.46	AUD	ord	310	310
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.46	AUD	ord	979	979
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.46	AUD	ord	1,603	1,603
31-May-17	BlackRock International Limited	on mkt buy	146.46	AUD	ord	1,339	1,339
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	345	345
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	210	210
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	483	483
31-May-17	BlackRock Investment Management, LLC	on mkt buy	146.53	AUD	ord	515	515
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.53	AUD	ord	197	197
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	94	94
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.53	AUD	ord	181	181
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	218	218
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	125	125
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.53	AUD	ord	28,743	28,743
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.53	AUD	ord	1,149	1,149
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.53	AUD	ord	168	168
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.53	AUD	ord	99	99
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.53	AUD	ord	455	455
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.53	AUD	ord	829	829
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.53	AUD	ord	318	318
31-May-17	BlackRock Japan Co., Ltd.	on mkt buy	146.53	AUD	ord	329	329
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.53	AUD	ord	133	133
31-May-17	BlackRock Asset Management Canada Limited	on mkt buy	146.53	AUD	ord	486	486
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.53	AUD	ord	948	948
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.53	AUD	ord	318	318
31-May-17	BlackRock Investment Management, LLC	on mkt buy	146.53	AUD	ord	168	168

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.53	AUD	ord	154	154
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	630	630
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	370	370
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.53	AUD	ord	829	829
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	646	646
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	810	810
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.53	AUD	ord	346	346
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.53	AUD	ord	1,068	1,068
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.53	AUD	ord	883	883
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.53	AUD	ord	1,410	1,410
31-May-17	BlackRock Financial Management, Inc.	on mkt buy	146.53	AUD	ord	188	188
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	115	115
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	988	988
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.53	AUD	ord	425	425
31-May-17	BlackRock Investment Management (UK) Limited	on mkt sell	146.48	AUD	ord	-421	-421
31-May-17	BlackRock Investment Management, LLC	on mkt buy	146.53	AUD	ord	85	85
31-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.47	AUD	ord	-2,309	-2,309
31-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.44	AUD	ord	-84	-84
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.46	AUD	ord	1,358	1,358
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.45	AUD	ord	301	301
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.46	AUD	ord	286	286
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.59	AUD	ord	232	232
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.45	AUD	ord	232	232
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	146.59	AUD	ord	-234	-234
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.59	AUD	ord	-426	-426
31-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.59	AUD	ord	-9	-9
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.59	AUD	ord	8	8
31-May-17	BlackRock Advisors, LLC	on mkt buy	146.59	AUD	ord	8	8
31-May-17	BlackRock Asset Management Canada Limited	on mkt buy	146.59	AUD	ord	4	4
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.59	AUD	ord	1	1
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.59	AUD	ord	1	1
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.59	AUD	ord	1	1
31-May-17	BlackRock International Limited	on mkt buy	146.59	AUD	ord	4	4
31-May-17	BlackRock Fund Advisors	on mkt buy	146.59	AUD	ord	496	496
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.59	AUD	ord	5	5
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.59	AUD	ord	397	397
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.59	AUD	ord	1	1
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.59	AUD	ord	2	2
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	146.59	AUD	ord	-317	-317
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.59	AUD	ord	2	2
31-May-17	BlackRock Fund Advisors	on mkt sell	146.59	AUD	ord	-29	-29
31-May-17	BlackRock Advisors, LLC	on mkt buy	146.59	AUD	ord	15	15
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.59	AUD	ord	-150	-150
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.59	AUD	ord	-34	-34
31-May-17	BlackRock Investment Management, LLC	on mkt sell	146.59	AUD	ord	-8	-8

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31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.59	AUD	ord	72	72
31-May-17	BlackRock Fund Advisors	on mkt sell	146.59	AUD	ord	-73	-73
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.58	AUD	ord	1,113	1,113
31-May-17	BlackRock Advisors, LLC	on mkt buy	146.58	AUD	ord	1,178	1,178
31-May-17	BlackRock Asset Management Canada Limited	on mkt buy	146.58	AUD	ord	666	666
31-May-17	BlackRock Asset Management Canada Limited	on mkt buy	146.58	AUD	ord	24	24
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.58	AUD	ord	192	192
31-May-17	BlackRock Investment Management (UK) Limited	on mkt buy	146.58	AUD	ord	197	197
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.58	AUD	ord	159	159
31-May-17	BlackRock International Limited	on mkt buy	146.58	AUD	ord	600	600
31-May-17	BlackRock (Netherlands) B.V.	on mkt buy	146.58	AUD	ord	69	69
31-May-17	BlackRock Fund Advisors	on mkt buy	146.58	AUD	ord	68,033	68,033
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.58	AUD	ord	768	768
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.58	AUD	ord	200	200
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.58	AUD	ord	358	358
31-May-17	BlackRock Advisors (UK) Limited	on mkt buy	146.58	AUD	ord	352	352
31-May-17	BlackRock Advisors, LLC	on mkt buy	146.58	AUD	ord	2,046	2,046
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.58	AUD	ord	98	98
31-May-17	BlackRock (Netherlands) B.V.	on mkt buy	146.58	AUD	ord	128	128
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.58	AUD	ord	51	51
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt buy	146.58	AUD	ord	9,965	9,965
31-May-17	BlackRock Investment Management (Australia) Limited	on mkt sell	146.59	AUD	ord	-80	-80
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	146.59	AUD	ord	-2,596	-2,596
31-May-17	BlackRock Fund Advisors	on mkt sell	146.59	AUD	ord	-241	-241
31-May-17	BlackRock Fund Advisors	on mkt sell	146.59	AUD	ord	-6	-6
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.59	AUD	ord	-1,225	-1,225
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.59	AUD	ord	-283	-283
31-May-17	BlackRock Investment Management, LLC	on mkt sell	146.59	AUD	ord	-70	-70
31-May-17	BlackRock Fund Advisors	on mkt sell	146.59	AUD	ord	-600	-600
31-May-17	BlackRock Institutional Trust Company, National Association	on mkt sell	146.59	AUD	ord	-2,307	-2,307
31-May-17	BlackRock Advisors (UK) Limited	on mkt sell	146.59	AUD	ord	-224	-224
31-May-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-194	-194
31-May-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-3,277	-3,277
01-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	149.01	AUD	ord	461	461
01-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	149.01	AUD	ord	283	283
01-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	147.08	AUD	ord	1,015	1,015
01-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	149.01	AUD	ord	4,379	4,379
01-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	149.01	AUD	ord	9	9
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	149.72	AUD	ord	351	351
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	149.72	AUD	ord	112	112
01-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	149.72	AUD	ord	-99	-99
01-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	149.72	AUD	ord	412	412
01-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	210	210
01-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-10,437	-10,437
01-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-2,779	-2,779
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	600	600
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	474	474
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	478	478
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.83	AUD	ord	265	265

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02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	796	796
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	257	257
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	159	159
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.83	AUD	ord	1,383	1,383
02-Jun-17	BlackRock Asset Management North Asia Limited	on mkt buy	150.83	AUD	ord	50	50
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.83	AUD	ord	120	120
02-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	150.83	AUD	ord	517	517
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.83	AUD	ord	1,199	1,199
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.83	AUD	ord	407	407
02-Jun-17	BlackRock Investment Management, LLC	on mkt buy	150.83	AUD	ord	142	142
02-Jun-17	BlackRock International Limited	on mkt buy	150.83	AUD	ord	1,091	1,091
02-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	150.83	AUD	ord	139	139
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	318	318
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	5,086	5,086
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	346	346
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.83	AUD	ord	1,101	1,101
02-Jun-17	BlackRock Fund Advisors	on mkt buy	150.48	AUD	ord	1,952	1,952
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	1,552	1,552
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	525	525
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	1,034	1,034
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.83	AUD	ord	1,382	1,382
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.83	AUD	ord	1,131	1,131
02-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.83	AUD	ord	221	221
02-Jun-17	BlackRock Investment Management, LLC	on mkt buy	150.83	AUD	ord	143	143
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	1,600	1,600
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	1,009	1,009
02-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.83	AUD	ord	12	12
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.64	AUD	ord	116	116
02-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	150.64	AUD	ord	-112	-112
02-Jun-17	BlackRock Advisors, LLC	on mkt sell	150.64	AUD	ord	-166	-166
02-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	24	24
05-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.69	AUD	ord	516	516
05-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.69	AUD	ord	512	512
05-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.69	AUD	ord	10	10
05-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-76	-76
05-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	152.70	AUD	ord	-8,388	-8,388
06-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	149.90	AUD	ord	326	326
06-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	149.90	AUD	ord	526	526
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-204	-204
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-2,783	-2,783
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-761	-761
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-925	-925

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-677	-677
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-109	-109
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-110	-110
06-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	149.72	AUD	ord	-109	-109
06-Jun-17	BlackRock Asset Management North Asia Limited	on mkt sell	149.91	AUD	ord	-51	-51
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.16	AUD	ord	620	620
06-Jun-17	BlackRock Investment Management (UK) Limited	on mkt sell	150.08	AUD	ord	-87	-87
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	149.94	AUD	ord	-80	-80
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	149.92	AUD	ord	-80	-80
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	149.06	AUD	ord	232	232
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	149.88	AUD	ord	-80	-80
06-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	149.06	AUD	ord	-96	-96
06-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,224	1,224
06-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,155	1,155
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	150.27	AUD	ord	2,331	2,331
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.24	AUD	ord	727	727
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.24	AUD	ord	2,135	2,135
07-Jun-17	BlackRock International Limited	on mkt buy	150.24	AUD	ord	2,144	2,144
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	1,464	1,464
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.19	AUD	ord	1,502	1,502
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.32	AUD	ord	1,597	1,597
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.32	AUD	ord	2,575	2,575
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	7,417	7,417
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	1,611	1,611
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	2,303	2,303
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.32	AUD	ord	1,690	1,690
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	2,289	2,289
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	521	521
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	150.32	AUD	ord	515	515
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	150.32	AUD	ord	824	824
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	150.32	AUD	ord	515	515
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	150.32	AUD	ord	603	603
07-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	150.32	AUD	ord	613	613
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.32	AUD	ord	876	876
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.32	AUD	ord	1,442	1,442
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.32	AUD	ord	1,319	1,319
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.32	AUD	ord	1,236	1,236
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	951	951
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	364	364
07-Jun-17	BlackRock Investment Management, LLC	on mkt buy	150.32	AUD	ord	443	443
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	347	347
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	150.32	AUD	ord	335	335
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	484	484
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	469	469
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.32	AUD	ord	429	429
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	150.32	AUD	ord	340	340
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	150.32	AUD	ord	175	175

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 219	219
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 189	189
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 201	201
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 180	180
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 206	206
07-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 259	259
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 170	170
07-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 150	150
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 155	155
07-Jun-17	BlackRock Investment Management, LLC	on mkt buy	AUD	ord 155	155
07-Jun-17	BlackRock Advisors, LLC	on mkt buy	AUD	ord 142	142
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 108	108
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 74	74
07-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 82	82
07-Jun-17	BlackRock Investment Management, LLC	on mkt buy	AUD	ord 52	52
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 33	33
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 29	29
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -80	-80
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -80	-80
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -80	-80
07-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -2,355	-2,355
07-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ord -896	-896
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -48	-48
07-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -33	-33
07-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 390	390
07-Jun-17	BlackRock Investment Management (UK) Limited	in specie	AUD	ord 2,779	2,779
07-Jun-17	BlackRock Investment Management (UK) Limited	in specie	AUD	ord 10,437	10,437
07-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 144	144
08-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 2,274	2,274
08-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 59	59
08-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 97	97
08-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 116	116
08-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -232	-232
08-Jun-17	BlackRock Advisors, LLC	on mkt buy	AUD	ord 3,428	3,428
08-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 105	105
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 1,335	1,335
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 503	503
09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 723	723
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 2,008	2,008
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 221	221
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 171	171
09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 117	117
09-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 1,346	1,346
09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 175	175
09-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ord 593	593

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09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.79	AUD	ord	2,492	2,492
09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.79	AUD	ord	847	847
09-Jun-17	BlackRock Investment Management, LLC	on mkt buy	150.79	AUD	ord	149	149
09-Jun-17	BlackRock International Limited	on mkt buy	150.80	AUD	ord	2,056	2,056
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	468	468
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	7,166	7,166
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	453	453
09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.79	AUD	ord	1,391	1,391
09-Jun-17	BlackRock Advisors, LLC	on mkt buy	150.79	AUD	ord	94	94
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	499	499
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	195	195
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	2,226	2,226
09-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.79	AUD	ord	1,502	1,502
09-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	150.79	AUD	ord	1,178	1,178
09-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	150.79	AUD	ord	197	197
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	561	561
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	896	896
09-Jun-17	BlackRock Investment Management, LLC	on mkt buy	150.79	AUD	ord	50	50
09-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	149.95	AUD	ord	1,506	1,506
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	150.51	AUD	ord	-1,809	-1,809
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	150.51	AUD	ord	-4,766	-4,766
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.79	AUD	ord	28	28
09-Jun-17	BlackRock Investment Management (UK) Limited	on mkt sell	150.49	AUD	ord	-60	-60
09-Jun-17	BlackRock Advisors, LLC	on mkt buy	151.04	AUD	ord	7,415	7,415
09-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	151.04	AUD	ord	38	38
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	151.04	AUD	ord	-569	-569
09-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	151.04	AUD	ord	-873	-873
09-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	151.04	AUD	ord	-1,074	-1,074
09-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,040	-1,040
09-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-934	-934
09-Jun-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	-1,079	-1,079
12-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	330	330
13-Jun-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	3,072	3,072
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	152.63	AUD	ord	421	421
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.63	AUD	ord	1,136	1,136
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.55	AUD	ord	1,987	1,987
13-Jun-17	BlackRock International Limited	on mkt buy	152.63	AUD	ord	1,385	1,385
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	721	721
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	152.60	AUD	ord	781	781
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	152.60	AUD	ord	271	271
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	115	115
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	152.60	AUD	ord	318	318
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	308	308

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13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	118	118
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	128	128
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	152.60	AUD	ord	1,400	1,400
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	152.60	AUD	ord	281	281
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.60	AUD	ord	150	150
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.60	AUD	ord	934	934
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.60	AUD	ord	1,495	1,495
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.60	AUD	ord	813	813
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.60	AUD	ord	878	878
13-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	152.60	AUD	ord	608	608
13-Jun-17	BlackRock Advisors, LLC	on mkt buy	150.74	AUD	ord	1,478	1,478
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	152.60	AUD	ord	293	293
13-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	152.60	AUD	ord	814	814
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	152.60	AUD	ord	2,879	2,879
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	152.60	AUD	ord	975	975
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	152.60	AUD	ord	236	236
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	152.60	AUD	ord	374	374
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	878	878
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	8,279	8,279
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	679	679
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	152.60	AUD	ord	1,806	1,806
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	2,271	2,271
13-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	152.60	AUD	ord	617	617
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	152.60	AUD	ord	2,042	2,042
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	152.60	AUD	ord	1,603	1,603
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	152.60	AUD	ord	2,242	2,242
13-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	152.60	AUD	ord	131	131
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	196	196
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	579	579
13-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.60	AUD	ord	462	462
13-Jun-17	BlackRock Investment Management, LLC	on mkt buy	152.60	AUD	ord	94	94
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	153.99	AUD	ord	580	580
13-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	153.99	AUD	ord	22	22
13-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.99	AUD	ord	-4,947	-4,947
13-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	825	825
13-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	24	24
14-Jun-17	BlackRock Investment Management, LLC	on mkt buy	153.86	AUD	ord	110	110
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-162	-162
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-1,808	-1,808
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-548	-548
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-802	-802
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-86	-86
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-89	-89
14-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.92	AUD	ord	-77	-77
14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.84	AUD	ord	1,446	1,446

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14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 687	687
14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 119	119
14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 20	20
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 464	464
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 11	11
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 80	80
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 548	548
14-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -797	-797
14-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 2,900	2,900
14-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 135	135
14-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 645	645
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 912	912
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 11	11
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 636	636
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 409	409
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 1,114	1,114
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 1,416	1,416
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 158	158
15-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ord 713	713
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 1,572	1,572
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 527	527
15-Jun-17	BlackRock Investment Management, LLC	on mkt buy	AUD	ord 166	166
15-Jun-17	BlackRock International Limited	on mkt buy	AUD	ord 1,430	1,430
15-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 185	185
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 899	899
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 4,888	4,888
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 399	399
15-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 1,395	1,395
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 1,297	1,297
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 1,724	1,724
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 1,334	1,334
15-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 249	249
15-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 58	58
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 348	348
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 112	112
15-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 12,760	12,760
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 653	653
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 106	106
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 8	8
16-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ord 670	670
16-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 112	112
16-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 1,160	1,160
16-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -77	-77
16-Jun-17	BlackRock (Singapore) Limited	on mkt buy	AUD	ord 271	271
16-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ord 567	567
16-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ord 185	185

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16-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	154.34	AUD	ord	197	197
16-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.34	AUD	ord	1,552	1,552
16-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-252	-252
16-Jun-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	233	233
16-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-10,452	-10,452
16-Jun-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-2,773	-2,773
19-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.24	AUD	ord	247	247
19-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.24	AUD	ord	185	185
19-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	154.19	AUD	ord	6,424	6,424
19-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.25	AUD	ord	116	116
19-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.25	AUD	ord	348	348
19-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.25	AUD	ord	32	32
19-Jun-17	BlackRock Fund Advisors	on mkt buy	154.25	AUD	ord	3,817	3,817
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-1,558	-1,558
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-592	-592
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-124	-124
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-412	-412
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-100	-100
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-80	-80
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	154.59	AUD	ord	-67	-67
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	154.63	AUD	ord	581	581
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	266	266
20-Jun-17	BlackRock International Limited	on mkt buy	154.61	AUD	ord	625	625
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	174	174
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.61	AUD	ord	224	224
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.61	AUD	ord	131	131
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	154.61	AUD	ord	152	152
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	154.61	AUD	ord	264	264
20-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	154.61	AUD	ord	183	183
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	582	582
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	1,364	1,364
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	154.61	AUD	ord	236	236
20-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	154.61	AUD	ord	128	128
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.61	AUD	ord	367	367
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.61	AUD	ord	291	291
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	588	588
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	395	395
20-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	154.61	AUD	ord	103	103
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	116	116
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	154.61	AUD	ord	118	118
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.61	AUD	ord	95	95
20-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	154.61	AUD	ord	128	128
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.43	AUD	ord	116	116
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.43	AUD	ord	580	580
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	154.43	AUD	ord	112	112
20-Jun-17	BlackRock Investment Management, LLC	on mkt buy	154.43	AUD	ord	644	644
20-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	154.43	AUD	ord	4,747	4,747

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20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 10,383	10,383
20-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ord 683	683
20-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 138	138
20-Jun-17	BlackRock Fund Advisors	on mkt sell	AUD	ord -1,528	-1,528
20-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 2,204	2,204
20-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ord 4,815	4,815
20-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 498	498
20-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord -771	-771
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	AUD	ord -5,567	-5,567
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	AUD	ord -2,463	-2,463
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	AUD	ord -251	-251
20-Jun-17	BlackRock Advisors (UK) Limited	in specie	AUD	ord -324	-324
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 44	44
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 114	114
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 2,032	2,032
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 717	717
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 715	715
21-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 27	27
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -3,780	-3,780
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -8,911	-8,911
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 217	217
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 347	347
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 222	222
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 216	216
21-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 348	348
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -995	-995
21-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -143	-143
21-Jun-17	BlackRock Fund Advisors	in specie	AUD	ord 460	460
22-Jun-17	BlackRock Institutional Trust Company, National Association	in specie	AUD	ord 1,283	1,283
22-Jun-17	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ord -160	-160
22-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 94	94
22-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 12	12
22-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 81	81
22-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 16	16
22-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	AUD	ord -928	-928
22-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -222	-222
22-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 4,248	4,248
22-Jun-17	BlackRock Investment Management (UK) Limited	in specie	AUD	ord 10,452	10,452
22-Jun-17	BlackRock Investment Management (UK) Limited	in specie	AUD	ord 2,773	2,773
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 149	149
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 179	179
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 130	130
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 435	435
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 22,811	22,811

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23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.94	AUD	ord	387	387
23-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	158.94	AUD	ord	191	191
23-Jun-17	BlackRock International Limited	on mkt buy	158.90	AUD	ord	668	668
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.94	AUD	ord	597	597
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.94	AUD	ord	965	965
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.94	AUD	ord	76	76
23-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	158.94	AUD	ord	315	315
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.94	AUD	ord	447	447
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.94	AUD	ord	348	348
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.94	AUD	ord	226	226
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	159.54	AUD	ord	-353	-353
23-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	159.54	AUD	ord	49	49
23-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	159.54	AUD	ord	-297	-297
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	158.90	AUD	ord	-232	-232
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	159.54	AUD	ord	19	19
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	159.54	AUD	ord	38	38
23-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	159.54	AUD	ord	51	51
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	5,567	5,567
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	251	251
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	2,463	2,463
23-Jun-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	324	324
26-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	159.24	AUD	ord	7,572	7,572
26-Jun-17	BlackRock Asset Management North Asia Limited	on mkt buy	159.24	AUD	ord	71	71
26-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	158.64	AUD	ord	-5,457	-5,457
26-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	440	440
26-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-765	-765
26-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	486	486
27-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.19	AUD	ord	252	252
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-168	-168
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-1,555	-1,555
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-557	-557
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-94	-94
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-112	-112
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-888	-888
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-81	-81
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	158.10	AUD	ord	-686	-686
27-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt buy	158.42	AUD	ord	56	56
27-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.42	AUD	ord	116	116
27-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	158.42	AUD	ord	71	71
27-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	158.42	AUD	ord	-468	-468
27-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,320	1,320
27-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	572	572
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	158.27	AUD	ord	450	450
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.30	AUD	ord	219	219
28-Jun-17	BlackRock International Limited	on mkt buy	158.30	AUD	ord	406	406
28-Jun-17	BlackRock Investment Management, LLC	on mkt buy	158.36	AUD	ord	303	303

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.48	AUD	ord	2,676	2,676
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.48	AUD	ord	691	691
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.48	AUD	ord	684	684
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.36	AUD	ord	581	581
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.36	AUD	ord	1,196	1,196
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.36	AUD	ord	310	310
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.36	AUD	ord	239	239
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.36	AUD	ord	125	125
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.36	AUD	ord	216	216
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	158.36	AUD	ord	120	120
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	158.36	AUD	ord	232	232
28-Jun-17	BlackRock Asset Management Canada Limited	on mkt buy	158.36	AUD	ord	128	128
28-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	158.36	AUD	ord	216	216
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.36	AUD	ord	104	104
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	158.36	AUD	ord	92	92
28-Jun-17	BlackRock Japan Co., Ltd.	on mkt buy	158.37	AUD	ord	87	87
28-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	158.35	AUD	ord	87	87
28-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	158.69	AUD	ord	92	92
28-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
28-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	70	70
29-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	159.94	AUD	ord	237	237
29-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	159.91	AUD	ord	92	92
29-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	159.91	AUD	ord	51	51
29-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
29-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	156.62	AUD	ord	116	116
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	156.62	AUD	ord	891	891
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	156.62	AUD	ord	1,068	1,068
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	156.62	AUD	ord	83	83
30-Jun-17	BlackRock Financial Management, Inc.	on mkt buy	156.62	AUD	ord	209	209
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	156.62	AUD	ord	292	292
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	156.62	AUD	ord	227	227
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	156.63	AUD	ord	178	178
30-Jun-17	BlackRock International Limited	on mkt buy	156.63	AUD	ord	316	316
30-Jun-17	BlackRock Investment Management (UK) Limited	on mkt buy	155.45	AUD	ord	453	453
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt buy	155.45	AUD	ord	38	38
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	155.45	AUD	ord	475	475
30-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	155.45	AUD	ord	-16	-16
30-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	155.45	AUD	ord	-26	-26
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt sell	155.45	AUD	ord	-244	-244
30-Jun-17	BlackRock Advisors (UK) Limited	on mkt sell	155.45	AUD	ord	-837	-837
30-Jun-17	BlackRock Investment Management (Australia) Limited	on mkt sell	155.45	AUD	ord	-1,698	-1,698
30-Jun-17	BlackRock Japan Co., Ltd.	on mkt sell	155.45	AUD	ord	-108	-108
30-Jun-17	BlackRock Institutional Trust Company, National Association	on mkt buy	155.45	AUD	ord	324	324
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,760	1,760
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	1,100	1,100
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,530	-1,530
30-Jun-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	426	426
03-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	154.97	AUD	ord	-888	-888

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03-Jul-17	BlackRock Asset Management North Asia Limited	on mkt buy	153.43	AUD	ord	100	100
03-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	154.16	AUD	ord	147	147
03-Jul-17	BlackRock Advisors, LLC	on mkt sell	152.46	AUD	ord	-422	-422
03-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-68	-68
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	153.77	AUD	ord	210	210
04-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.81	AUD	ord	168	168
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.76	AUD	ord	-1,730	-1,730
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.76	AUD	ord	-60	-60
04-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.81	AUD	ord	61	61
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.76	AUD	ord	-58	-58
04-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.82	AUD	ord	33	33
04-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.76	AUD	ord	-41	-41
05-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.93	AUD	ord	184	184
05-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.93	AUD	ord	19	19
05-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.93	AUD	ord	92	92
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	152.93	AUD	ord	765	765
05-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	152.93	AUD	ord	323	323
05-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	880	880
05-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	-1,020	-1,020
05-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	140	140
05-Jul-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ord	-4,761	-4,761
06-Jul-17	BlackRock Fund Advisors	on mkt buy	153.04	AUD	ord	442	442
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	153.20	AUD	ord	4	4
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	154.33	AUD	ord	1,138	1,138
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.39	AUD	ord	709	709
06-Jul-17	BlackRock International Limited	on mkt buy	154.39	AUD	ord	938	938
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	154.39	AUD	ord	276	276
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.42	AUD	ord	323	323
06-Jul-17	BlackRock Investment Management, LLC	on mkt buy	154.42	AUD	ord	635	635
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	154.42	AUD	ord	728	728
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	154.42	AUD	ord	401	401
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	154.42	AUD	ord	729	729
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	154.42	AUD	ord	310	310
06-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	154.42	AUD	ord	377	377
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	154.42	AUD	ord	1,194	1,194
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	154.42	AUD	ord	406	406
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.42	AUD	ord	748	748
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.42	AUD	ord	4,543	4,543
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.42	AUD	ord	298	298
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	154.42	AUD	ord	694	694
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.42	AUD	ord	964	964
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	154.42	AUD	ord	991	991
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	154.42	AUD	ord	797	797
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	154.42	AUD	ord	1,055	1,055
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	154.42	AUD	ord	226	226
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	154.42	AUD	ord	235	235
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	154.42	AUD	ord	145	145

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06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 137	137
06-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 215	215
06-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 206	206
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 149	149
06-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 132	132
06-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 131	131
06-Jul-17	BlackRock Investment Management, LLC	on mkt buy	AUD	ord 120	120
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 92	92
06-Jul-17	BlackRock Investment Management, LLC	on mkt buy	AUD	ord 78	78
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 57	57
06-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 17	17
06-Jul-17	BlackRock Fund Advisors	on mkt buy	AUD	ord 458	458
06-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 660	660
06-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 246	246
06-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 140	140
06-Jul-17	BlackRock Investment Management (Australia) Limited	in specie	AUD	ord -6,643	-6,643
07-Jul-17	BlackRock Asset Management North Asia Limited	on mkt buy	AUD	ord 220	220
07-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 1,048	1,048
07-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 154	154
07-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 147	147
07-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 121	121
07-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 234	234
07-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 184	184
07-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 1,760	1,760
07-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 880	880
07-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 2,772	2,772
07-Jul-17	BlackRock Investment Management (UK) Limited	in specie	AUD	ord 258	258
07-Jul-17	BlackRock Institutional Trust Company, National Association	in specie	AUD	ord -1,985	-1,985
10-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 13	13
10-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 60	60
10-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 9	9
10-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 38	38
10-Jul-17	BlackRock Fund Advisors	on mkt buy	AUD	ord 427	427
10-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 70	70
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 147	147
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 211	211
11-Jul-17	BlackRock Investment Management, LLC	on mkt buy	AUD	ord 395	395
11-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 96	96
11-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 117	117
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 113	113
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 613	613
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 121	121
11-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 175	175
11-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 302	302
11-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 161	161
11-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 172	172
11-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	AUD	ord 149	149
11-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ord 270	270

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	152.70	AUD	ord	1,265	1,265
11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	152.70	AUD	ord	418	418
11-Jul-17	BlackRock Investment Management, LLC	on mkt buy	152.70	AUD	ord	94	94
11-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	152.70	AUD	ord	107	107
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.70	AUD	ord	767	767
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.70	AUD	ord	3,161	3,161
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.70	AUD	ord	226	226
11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	152.70	AUD	ord	653	653
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.70	AUD	ord	922	922
11-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	152.70	AUD	ord	337	337
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.70	AUD	ord	592	592
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.70	AUD	ord	436	436
11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	152.69	AUD	ord	129	129
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.69	AUD	ord	513	513
11-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	152.68	AUD	ord	789	789
11-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	152.70	AUD	ord	86	86
11-Jul-17	BlackRock International Limited	on mkt buy	152.69	AUD	ord	873	873
11-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.70	AUD	ord	9	9
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.70	AUD	ord	128	128
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.70	AUD	ord	92	92
11-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.70	AUD	ord	495	495
11-Jul-17	BlackRock Advisors, LLC	on mkt buy	152.70	AUD	ord	5,267	5,267
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	150.31	AUD	ord	-1,280	-1,280
12-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.25	AUD	ord	1,359	1,359
12-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.25	AUD	ord	288	288
12-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.25	AUD	ord	291	291
12-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.35	AUD	ord	146	146
12-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	150.36	AUD	ord	39	39
12-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	149.94	AUD	ord	-33	-33
12-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	149.94	AUD	ord	-232	-232
12-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	149.94	AUD	ord	329	329
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	152	152
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	122	122
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	265	265
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	153.28	AUD	ord	157	157
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.28	AUD	ord	584	584
13-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	153.33	AUD	ord	780	780
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	153.33	AUD	ord	103	103
13-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	153.33	AUD	ord	436	436
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	153.33	AUD	ord	1,262	1,262
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	153.33	AUD	ord	420	420
13-Jul-17	BlackRock Investment Management, LLC	on mkt buy	153.33	AUD	ord	120	120
13-Jul-17	BlackRock International Limited	on mkt buy	153.28	AUD	ord	605	605

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-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	153.33	AUD	ord	135	135
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	770	770
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	3,423	3,423
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	251	251
13-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	153.33	AUD	ord	662	662
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	502	502
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	971	971
13-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	153.33	AUD	ord	868	868
13-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	153.33	AUD	ord	698	698
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	430	430
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	312	312
13-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	153.33	AUD	ord	99	99
13-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	150	150
13-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	16	16
14-Jul-17	BlackRock Fund Advisors	on mkt buy	154.72	AUD	ord	92	92
14-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.66	AUD	ord	206	206
14-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	154.63	AUD	ord	1,478	1,478
14-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	154.73	AUD	ord	116	116
14-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	154.73	AUD	ord	57	57
14-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.73	AUD	ord	1,984	1,984
14-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	154.73	AUD	ord	3,963	3,963
14-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	528	528
14-Jul-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	526	526
14-Jul-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	209	209
14-Jul-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ord	1,671	1,671
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.17	AUD	ord	-1,376	-1,376
18-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt sell	153.17	AUD	ord	-86	-86
18-Jul-17	BlackRock Advisors (UK) Limited	on mkt sell	153.36	AUD	ord	-23	-23
18-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	153.36	AUD	ord	-856	-856
18-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	440	440
18-Jul-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ord	-2,150	-2,150
19-Jul-17	BlackRock Investment Management, LLC	on mkt buy	152.02	AUD	ord	247	247
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.03	AUD	ord	213	213
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.02	AUD	ord	246	246
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	152.00	AUD	ord	308	308
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	152.02	AUD	ord	138	138
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	152.02	AUD	ord	211	211
19-Jul-17	BlackRock Japan Co., Ltd.	on mkt buy	152.02	AUD	ord	99	99
19-Jul-17	BlackRock Asset Management Canada Limited	on mkt buy	152.02	AUD	ord	131	131
19-Jul-17	BlackRock International Limited	on mkt buy	152.03	AUD	ord	290	290
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.02	AUD	ord	658	658
19-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.02	AUD	ord	1,024	1,024
19-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	152.02	AUD	ord	180	180
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.02	AUD	ord	279	279
19-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	152.02	AUD	ord	222	222
19-Jul-17	BlackRock International Limited	on mkt sell	151.92	AUD	ord	-1,155	-1,155
19-Jul-17	BlackRock Fund Advisors	in specie	n/a	AUD	ord	660	660
20-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	152.72	AUD	ord	2,569	2,569

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected
20-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ord -56	-56
20-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 13,320	13,320
20-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 6,843	6,843
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 348	348
20-Jul-17	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ord 368	368
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 232	232
20-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 57	57
20-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 1,100	1,100
20-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 497	497
20-Jul-17	BlackRock Institutional Trust Company, National Association	in specie	AUD	ord -729	-729
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 153	153
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 165	165
21-Jul-17	BlackRock International Limited	on mkt buy	AUD	ord 219	219
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 690	690
21-Jul-17	BlackRock Financial Management, Inc.	on mkt buy	AUD	ord 153	153
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 216	216
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 174	174
21-Jul-17	BlackRock Financial Management, Inc.	on mkt sell	AUD	ord -5,751	-5,751
21-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 368	368
21-Jul-17	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ord 734	734
21-Jul-17	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ord -85	-85
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 7,201	7,201
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 4,930	4,930
21-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 1,848	1,848
21-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 660	660
21-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 378	378
21-Jul-17	BlackRock Fund Advisors	in specie	AUD	ord 252	252
24-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 13,443	13,443
24-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 5,831	5,831
24-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ord 2,355	2,355
24-Jul-17	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ord 92	92
24-Jul-17	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ord -179	-179
24-Jul-17	BlackRock Investment Management (UK) Limited	in specie	AUD	ord 2,150	2,150

26-Jul-17

Kayla Mulvihill,
Authorised Signatory

Date

4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	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 897	897	Subsidiary of BlackRock, Inc.
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 2,735	2,735	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 8,592	8,592	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 1,720	1,720	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 124,024	124,024	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 3,305	3,305	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 91,386	91,386	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 14,984	14,984	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	RBC-DEXIA BIL- 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 13,179	13,179	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	RBC-RBC DEXIA 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 2,427	2,427	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 145,928	145,928	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 273	273	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) 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 1,090	1,090	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 8,893	8,893	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 44,597	44,597	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 5,338	5,338	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	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 4,676	4,676	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 241	241	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 37,045	37,045	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 1,572	1,572	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 292	292	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 82	82	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 1,152	1,152	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 24,078	24,078	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	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 1,474	1,474	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 7,900	7,900	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 2,400	2,400	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 6,150	6,150	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	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 4,569	4,569	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	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 240,999	240,999	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 43,654	43,654	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 2,462	2,462	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 12,389	12,389	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 3,188	3,188	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 789,155	789,155	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	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 4,036	4,036	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	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 184,099	184,099	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 4,928	4,928	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 15,754	15,754	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	GS-GOLDMAN SACHS 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 447	447	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 57,847	57,847	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 2,286	2,286	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 85,631	85,631	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 7,205	7,205	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 71,609	71,609	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 22,619	22,619	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 3,024	3,024	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 906,827	906,827	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 15,172	15,172	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 24,600	24,600	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 19,784	19,784	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 1,865	1,865	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 2,624	2,624	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 232,847	232,847	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 26,787	26,787	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 68,271	68,271	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	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	8,408	8,408	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	1,777	1,777	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	27,751	27,751	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	27,375	27,375	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord	2,608	2,608	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CB-CACEIS BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord	371	371	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	45,893	45,893	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	13,150	13,150	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	3,501	3,501	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	23,098	23,098	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord	3,677	3,677	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	38,656	38,656	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	PICT-PICTET & CIE		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	1,356	1,356	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	1,433	1,433	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	3,217	3,217	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	14,511	14,511	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord	2,656	2,656	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord	5,136	5,136	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	26,541	26,541	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	38,047	38,047	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 38,289	38,289	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 2,395	2,395	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 5,188	5,188	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 1,075	1,075	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 720	720	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 61,186	61,186	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 25,186	25,186	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUMI-SUMITOMO TRUST		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 7,262	7,262	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 889	889	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-Citigroup Australia - 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 7,822	7,822	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 36,879	36,879	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 60,129	60,129	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 held in its capacity as investment manager.	ord 5,587	5,587	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 163,533	163,533	Subsidiary of BlackRock, Inc.

Annexure C

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

26-Jul-17
Kayla Mulvihill,
Authorised Signatory

Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock 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)