

**Form 604**

**Corporations Act 2001**  
**Section 671B**

**Notice of change of interests of substantial holder**

To Company Name/Scheme TABCORP HOLDINGS LTD

ACN/ARSN 063 780 709

**1. Details of substantial holder(1)**

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

There was a change in the interests of the substantial holder on 22 / 01 / 2020

The previous notice was given to the company on 23 / 05 / 2019

The previous notice was dated 21 / 05 / 2019

**2. Previous and present voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ord	101,144,422	5.00	121,798,304	6.01
ADR 2:1	334	0.00		

**3. Changes in relevant interests**

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

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
	See Annexure A				

**4. Present relevant interests**

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

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

## 5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

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

## 6. Addresses

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

Name	Address
Annexure C	

## Signature

print name Maria Tricarico

capacity \*Authorised Signatory

sign here

date 24 / 01 / 2020

\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

### DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
  - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

This is Annexure A of 36 pages referred to in form 604 Notice of change of interests of substantial shareholder

24-Jan-20

Maria Tricarico,  
Authorised Signatory

Date

## 5. Consideration

TABCORP HOLDINGS LTD (TAH)							
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
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,070	-3,070
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-29,656	-29,656
22-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.65	AUD	ORD	-82,934	-82,934
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.64	AUD	ORD	3,299	3,299
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.64	AUD	ORD	12,888	12,888
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.64	AUD	ORD	130,231	130,231
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.64	AUD	ORD	-130,231	-130,231
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,415	23,415
22-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	46,830	46,830
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,578	-12,578
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	52,574	52,574
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,660	-12,660
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	12,660	12,660
22-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	259,902	259,902
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64	AUD	ORD	41,652	41,652
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64	AUD	ORD	7,064	7,064
23-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.64	AUD	ORD	10,103	10,103
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64	AUD	ORD	19,047	19,047
23-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.62	AUD	ORD	101,865	101,865
23-May-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.62	AUD	ORD	-13,078	-13,078
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59	AUD	ORD	20,165	20,165
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	AUD	ORD	-44,631	-44,631
24-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	AUD	ORD	39,995	39,995
24-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,768	5,768
27-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	AUD	ORD	666	666
28-May-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.56	AUD	ORD	4,356	4,356
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	8,990	8,990
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	5,317	5,317
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	5,692	5,692
28-May-19	BlackRock Japan Co., Ltd.	on mkt buy	4.56	AUD	ORD	7,478	7,478
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	9,652	9,652
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	7,827	7,827
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.56	AUD	ORD	10,432	10,432
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	78,420	78,420

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	84,263	84,263
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.56	AUD	ORD	810	810
28-May-19	BlackRock International Limited	on mkt buy	4.56	AUD	ORD	16,679	16,679
28-May-19	BlackRock (Netherlands) B.V.	on mkt buy	4.56	AUD	ORD	1,322	1,322
28-May-19	BlackRock Investment Management, LLC	on mkt buy	4.56	AUD	ORD	39,248	39,248
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	4,980	4,980
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	12,712	12,712
28-May-19	BlackRock Fund Advisors	on mkt buy	4.56	AUD	ORD	71,318	71,318
28-May-19	BlackRock Fund Advisors	on mkt buy	4.56	AUD	ORD	37,994	37,994
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	26,790	26,790
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	11,583	11,583
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	4,515	4,515
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	65,218	65,218
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	17,463	17,463
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	AUD	ORD	1,342	1,342
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	4,050	4,050
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	4,867	4,867
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	112,248	112,248
28-May-19	BlackRock Fund Advisors	on mkt buy	4.56	AUD	ORD	34,250	34,250
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	26,970	26,970
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	15,954	15,954
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	17,080	17,080
28-May-19	BlackRock Japan Co., Ltd.	on mkt buy	4.56	AUD	ORD	22,440	22,440
28-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	AUD	ORD	28,964	28,964
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	23,484	23,484
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.56	AUD	ORD	31,298	31,298
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	235,251	235,251
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	252,782	252,782
28-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.56	AUD	ORD	2,436	2,436
28-May-19	BlackRock International Limited	on mkt buy	4.56	AUD	ORD	50,031	50,031
28-May-19	BlackRock (Netherlands) B.V.	on mkt buy	4.56	AUD	ORD	3,969	3,969
28-May-19	BlackRock Investment Management, LLC	on mkt buy	4.56	AUD	ORD	117,735	117,735
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	14,943	14,943
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	38,134	38,134
28-May-19	BlackRock Fund Advisors	on mkt buy	4.56	AUD	ORD	213,950	213,950
28-May-19	BlackRock Fund Advisors	on mkt buy	4.56	AUD	ORD	113,976	113,976
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	80,361	80,361
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	34,747	34,747
28-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	13,552	13,552
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	195,646	195,646
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	52,384	52,384
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.56	AUD	ORD	-35,720	-35,720
28-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	AUD	ORD	4,035	4,035
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	12,150	12,150
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	14,602	14,602

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	AUD	ORD	336,728	336,728
28-May-19	BlackRock Fund Advisors	on mkt buy	4.56	AUD	ORD	102,741	102,741
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	2,473	2,473
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	713	713
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	4.53	AUD	ORD	8,706	8,706
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	4.53	AUD	ORD	5,102	5,102
29-May-19	BlackRock Japan Co., Ltd.	on mkt buy	4.53	AUD	ORD	4,724	4,724
29-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.53	AUD	ORD	6,561	6,561
29-May-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	AUD	ORD	3,996	3,996
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	4,392	4,392
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	4.53	AUD	ORD	-2,196	-2,196
29-May-19	BlackRock Advisors (UK) Limited	on mkt sell	4.53	AUD	ORD	-5,605	-5,605
29-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	15,839	15,839
29-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,378	-6,378
29-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,051	-16,051
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	AUD	ORD	29,434	29,434
30-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.52	AUD	ORD	11,929	11,929
30-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	AUD	ORD	9,360	9,360
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	4.53	AUD	ORD	-1,466	-1,466
30-May-19	BlackRock Advisors (UK) Limited	on mkt sell	4.53	AUD	ORD	-2,199	-2,199
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	1,255	1,255
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	8,096	8,096
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	3,199	3,199
31-May-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.50	AUD	ORD	4,909	4,909
31-May-19	BlackRock Investment Management, LLC	on mkt buy	4.50	AUD	ORD	4,539	4,539
31-May-19	BlackRock International Limited	on mkt buy	4.50	AUD	ORD	14,605	14,605
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	50,440	50,440
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	6,440	6,440
31-May-19	BlackRock Asset Management Canada Limited	on mkt buy	4.50	AUD	ORD	7,995	7,995
31-May-19	BlackRock Investment Management, LLC	on mkt buy	4.50	AUD	ORD	4,155	4,155
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	13,990	13,990
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	AUD	ORD	9,368	9,368
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51	AUD	ORD	136	136
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51	AUD	ORD	25,230	25,230
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	4.51	AUD	ORD	32,910	32,910
31-May-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,312	-27,312
03-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.47	AUD	ORD	1,294	1,294
03-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.47	AUD	ORD	-1,602	-1,602
03-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	90,453	90,453
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	5,800	5,800
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	5,151	5,151
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.42	AUD	ORD	10,176	10,176
04-Jun-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.42	AUD	ORD	12,757	12,757
04-Jun-19	BlackRock Investment Management, LLC	on mkt buy	4.42	AUD	ORD	3,216	3,216
04-Jun-19	BlackRock International Limited	on mkt buy	4.42	AUD	ORD	11,563	11,563
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	33,187	33,187
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	4,975	4,975

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
04-Jun-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.42	AUD	ORD	4,982	4,982
04-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	4.42	AUD	ORD	8,455	8,455
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	16,647	16,647
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	15,068	15,068
04-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	4.42	AUD	ORD	10,349	10,349
04-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	AUD	ORD	169,072	169,072
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.41	AUD	ORD	3,720	3,720
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.41	AUD	ORD	-3,198	-3,198
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41	AUD	ORD	44,476	44,476
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,102	-32,102
05-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	11,275	11,275
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.43	AUD	ORD	12,032	12,032
05-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.43	AUD	ORD	15,349	15,349
05-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	AUD	ORD	5,994	5,994
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.41	AUD	ORD	-1,674	-1,674
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.41	AUD	ORD	-3,060	-3,060
05-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.41	AUD	ORD	-102,848	-102,848
05-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,869	36,869
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	AUD	ORD	614	614
06-Jun-19	BlackRock Fund Advisors	on mkt buy	4.43	AUD	ORD	99,248	99,248
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	AUD	ORD	46,405	46,405
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	AUD	ORD	6,274	6,274
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.43	AUD	ORD	-57,252	-57,252
06-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	4.44	AUD	ORD	9,844	9,844
06-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.44	AUD	ORD	20,677	20,677
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	AUD	ORD	-9,990	-9,990
06-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	AUD	ORD	3,996	3,996
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	AUD	ORD	4,410	4,410
06-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	AUD	ORD	13,230	13,230
06-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
07-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43	AUD	ORD	-90,453	-90,453
07-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	AUD	ORD	10,292	10,292
07-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	1,785	1,785
07-Jun-19	BlackRock Fund Advisors	on mkt buy	4.48	AUD	ORD	40,200	40,200
07-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	3,562	3,562
10-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,102	-32,102
11-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	4.54	AUD	ORD	12,581	12,581
11-Jun-19	BlackRock Investment Management, LLC	on mkt buy	4.54	AUD	ORD	6,515	6,515
11-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	4.60	AUD	ORD	9,973	9,973
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63	AUD	ORD	-2,229	-2,229
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.63	AUD	ORD	3,008	3,008
11-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.63	AUD	ORD	3,008	3,008
11-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,919	5,919
12-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	AUD	ORD	132,085	132,085
12-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	AUD	ORD	12,771	12,771
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	4,446	4,446
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	752	752
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.56	AUD	ORD	-6,574	-6,574
12-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.56	AUD	ORD	49,798	49,798
12-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,030	-16,030

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
13-Jun-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	46,211	46,211
13-Jun-19	BlackRock (Netherlands) B.V.	on mkt buy	4.54	AUD	ORD	1,376	1,376
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	AUD	ORD	42,448	42,448
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	AUD	ORD	25,075	25,075
13-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.54	AUD	ORD	68,551	68,551
14-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	AUD	ORD	12,963	12,963
14-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	AUD	ORD	4,150	4,150
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.59	AUD	ORD	-1,454	-1,454
14-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.59	AUD	ORD	-3,272	-3,272
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-44,320	-44,320
14-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-33,240	-33,240
17-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.57	AUD	ORD	492	492
17-Jun-19	BlackRock Fund Advisors	on mkt sell	4.57	AUD	ORD	-40,037	-40,037
17-Jun-19	BlackRock Fund Advisors	on mkt sell	4.57	AUD	ORD	-22,756	-22,756
17-Jun-19	BlackRock Fund Advisors	on mkt sell	4.57	AUD	ORD	-3,515	-3,515
17-Jun-19	BlackRock Fund Advisors	on mkt sell	4.57	AUD	ORD	-62,934	-62,934
17-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-40,327	-40,327
17-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,188	-6,188
18-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.58	AUD	ORD	-17,936	-17,936
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.64	AUD	ORD	-713	-713
19-Jun-19	BlackRock Japan Co., Ltd.	on mkt buy	4.63	AUD	ORD	9,973	9,973
19-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.66	AUD	ORD	16,499	16,499
19-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	269	269
19-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	2,833	2,833
19-Jun-19	BlackRock Fund Advisors	on mkt buy	4.66	AUD	ORD	39,862	39,862
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.61	AUD	ORD	-9,226	-9,226
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.61	AUD	ORD	-3,271	-3,271
20-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.61	AUD	ORD	3,835	3,835
20-Jun-19	BlackRock Fund Advisors	on mkt buy	4.61	AUD	ORD	22,954	22,954
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.60	AUD	ORD	-11,877	-11,877
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	AUD	ORD	38,208	38,208
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	AUD	ORD	64,614	64,614
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55	AUD	ORD	-9,839	-9,839
21-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	AUD	ORD	3,076	3,076
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	AUD	ORD	-120,441	-120,441
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	AUD	ORD	15,968	15,968
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	AUD	ORD	-5,837	-5,837
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55	AUD	ORD	-4,846	-4,846
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	AUD	ORD	-59,337	-59,337
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	4.55	AUD	ORD	-3,010	-3,010
21-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	4.55	AUD	ORD	47,577	47,577
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.55	AUD	ORD	11,746	11,746
21-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.55	AUD	ORD	-17,507	-17,507
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	AUD	ORD	19,426	19,426
21-Jun-19	BlackRock Fund Advisors	on mkt buy	4.55	AUD	ORD	48,005	48,005
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55	AUD	ORD	-14,543	-14,543
21-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.55	AUD	ORD	-178,015	-178,015

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21-Jun-19	BlackRock Asset Management Canada Limited	on mkt sell	4.55	AUD	ORD	-9,034	-9,034
21-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.55	AUD	ORD	-18,536	-18,536
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,224	16,224
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-29,010	-29,010
21-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-34,812	-34,812
24-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.57	AUD	ORD	4,626	4,626
24-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.57	AUD	ORD	-42,726	-42,726
24-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,647	10,647
24-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	4.57	AUD	ORD	32,660	32,660
25-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	4.55	AUD	ORD	2,631	2,631
25-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	767	767
25-Jun-19	BlackRock Investment Management, LLC	on mkt buy	4.53	AUD	ORD	3,650	3,650
25-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	6,529	6,529
25-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-29,115	-29,115
26-Jun-19	BlackRock International Limited	on mkt buy	4.54	AUD	ORD	16,501	16,501
26-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.50	AUD	ORD	-59,896	-59,896
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	4.49	AUD	ORD	-702	-702
26-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	AUD	ORD	33,773	33,773
26-Jun-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.49	AUD	ORD	-10,407	-10,407
26-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,053	-16,053
26-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,188	6,188
27-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	12,771	12,771
27-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	AUD	ORD	12,679	12,679
27-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,432	8,432
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	AUD	ORD	273	273
28-Jun-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.45	AUD	ORD	16,002	16,002
28-Jun-19	BlackRock Fund Advisors	on mkt buy	4.45	AUD	ORD	312,631	312,631
28-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	4.45	AUD	ORD	18,346	18,346
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	AUD	ORD	-22,826	-22,826
28-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.45	AUD	ORD	-13,751	-13,751
28-Jun-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.45	AUD	ORD	-2,930	-2,930
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,117	13,117
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,591	6,591
28-Jun-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,106	-32,106
01-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	12,635	12,635
01-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	12,635	12,635
01-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	AUD	ORD	65,974	65,974
01-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,008	-19,008
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	4.54	AUD	ORD	-17,896	-17,896
02-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	4.54	AUD	ORD	-1,442	-1,442
02-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.54	AUD	ORD	14,794	14,794
02-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	AUD	ORD	42,508	42,508
03-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.55	AUD	ORD	2,470	2,470
03-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-29,821	-29,821
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	AUD	ORD	4,140	4,140
04-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.55	AUD	ORD	15,492	15,492
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.59	AUD	ORD	4,464	4,464
05-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.59	AUD	ORD	986	986
05-Jul-19	BlackRock Japan Co., Ltd.	on mkt sell	4.59	AUD	ORD	-12,419	-12,419
05-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.59	AUD	ORD	12,623	12,623



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05-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,068	-24,068
08-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	12,621	12,621
08-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.63	AUD	ORD	4,464	4,464
08-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	AUD	ORD	43,637	43,637
08-Jul-19	BlackRock Fund Advisors	on mkt buy	4.63	AUD	ORD	21,646	21,646
09-Jul-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-53,717	-53,717
10-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	AUD	ORD	5,621	5,621
10-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
11-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	275	275
11-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
12-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	AUD	ORD	27,684	27,684
12-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.62	AUD	ORD	4,560	4,560
12-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	AUD	ORD	116,694	116,694
12-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
15-Jul-19	BlackRock Asset Management Canada Limited	on mkt buy	4.65	AUD	ORD	42,972	42,972
16-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.64	AUD	ORD	8,928	8,928
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,717	15,717
16-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,342	-11,342
17-Jul-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	AUD	ORD	22,647	22,647
17-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.62	AUD	ORD	8,800	8,800
17-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.62	AUD	ORD	37,753	37,753
18-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	AUD	ORD	12,654	12,654
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60	AUD	ORD	4,455	4,455
18-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60	AUD	ORD	8,910	8,910
18-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	AUD	ORD	83,771	83,771
19-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	AUD	ORD	12,654	12,654
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt sell	4.60	AUD	ORD	-2,970	-2,970
19-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60	AUD	ORD	57,928	57,928
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,072	6,072
19-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,300	27,300
22-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60	AUD	ORD	722	722
22-Jul-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	59,049	59,049
23-Jul-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.61	AUD	ORD	-12,588	-12,588
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.61	AUD	ORD	729	729
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.61	AUD	ORD	365	365
23-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.61	AUD	ORD	1,084	1,084
23-Jul-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	AUD	ORD	-30,415	-30,415
23-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-26,669	-26,669
24-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.59	AUD	ORD	4,477	4,477
24-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	AUD	ORD	16,149	16,149
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,081	9,081
25-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,400	36,400
26-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	AUD	ORD	5,984	5,984
26-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	AUD	ORD	3,434	3,434
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	AUD	ORD	4,495	4,495
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	AUD	ORD	4,617	4,617
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	AUD	ORD	1,119	1,119
29-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.54	AUD	ORD	2,984	2,984
29-Jul-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
30-Jul-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	6,935	6,935
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	758	758
30-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	988	988
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.48	AUD	ORD	-72,989	-72,989

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31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	AUD	ORD	4,468	4,468
31-Jul-19	BlackRock Advisors (UK) Limited	on mkt buy	4.49	AUD	ORD	3,595	3,595
31-Jul-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49	AUD	ORD	-1,217,608	-1,217,608
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.47	AUD	ORD	5,644	5,644
01-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.47	AUD	ORD	-9,756	-9,756
01-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.47	AUD	ORD	-31,980	-31,980
01-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,845	5,845
01-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-170,514	-170,514
02-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.42	AUD	ORD	5,644	5,644
02-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,175	4,175
05-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.31	AUD	ORD	5,644	5,644
06-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.27	AUD	ORD	16,149	16,149
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.27	AUD	ORD	4,468	4,468
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.27	AUD	ORD	-3,402	-3,402
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.27	AUD	ORD	-1,503	-1,503
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.27	AUD	ORD	-4,158	-4,158
06-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.27	AUD	ORD	-3,032	-3,032
07-Aug-19	BlackRock Investment Management, LLC	on mkt buy	4.32	AUD	ORD	9,593	9,593
07-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.32	AUD	ORD	10,827	10,827
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.33	AUD	ORD	-1,516	-1,516
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.33	AUD	ORD	-4,518	-4,518
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.33	AUD	ORD	275	275
07-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.33	AUD	ORD	-1,506	-1,506
07-Aug-19	BlackRock Investment Management, LLC	on mkt buy	4.33	AUD	ORD	4,871	4,871
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	AUD	ORD	-5,533	-5,533
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	AUD	ORD	-5,533	-5,533
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	AUD	ORD	-1,116	-1,116
08-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	AUD	ORD	-95,825	-95,825
08-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.37	AUD	ORD	2,758	2,758
08-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
08-Aug-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-399,501	-399,501
09-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.34	AUD	ORD	-19,890	-19,890
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	AUD	ORD	18,456	18,456
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	AUD	ORD	5,660	5,660
09-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.38	AUD	ORD	10,788	10,788
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	AUD	ORD	29,883	29,883
09-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	AUD	ORD	30,443	30,443
09-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
12-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,106	-32,106
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.37	AUD	ORD	4,469	4,469
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.37	AUD	ORD	-5,509	-5,509
13-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.37	AUD	ORD	13,407	13,407
13-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	535	535
14-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.36	AUD	ORD	-21,368	-21,368
14-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	AUD	ORD	11,320	11,320
14-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.40	AUD	ORD	-3,028	-3,028
14-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,053	-16,053
14-Aug-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,928	-3,928
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	AUD	ORD	-2,820	-2,820
15-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.45	AUD	ORD	-2,820	-2,820
15-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	AUD	ORD	25,828	25,828
15-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,760	13,760
15-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,943	1,943

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16-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.42	AUD	ORD	19,973	19,973
16-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.43	AUD	ORD	-2,676	-2,676
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,690	-11,690
16-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,742	5,742
19-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.42	AUD	ORD	54,687	54,687
20-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.43	AUD	ORD	-24,424	-24,424
20-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.43	AUD	ORD	-489,047	-489,047
20-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.43	AUD	ORD	-85,756	-85,756
20-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.43	AUD	ORD	-1,942,906	-1,942,906
20-Aug-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.43	AUD	ORD	-157,911	-157,911
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	AUD	ORD	18,456	18,456
20-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	AUD	ORD	2,073	2,073
20-Aug-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-28,608	-28,608
21-Aug-19	BlackRock Fund Advisors	on mkt sell	4.33	AUD	ORD	-81,703	-81,703
21-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.37	AUD	ORD	6,921	6,921
21-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.37	AUD	ORD	4,514	4,514
22-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.36	AUD	ORD	-2,785	-2,785
22-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,200	-18,200
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	11,535	11,535
23-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	AUD	ORD	2,073	2,073
23-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-42,434	-42,434
26-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.48	AUD	ORD	15,370	15,370
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.48	AUD	ORD	307,763	307,763
26-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	AUD	ORD	53,966	53,966
26-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	AUD	ORD	1,222,696	1,222,696
26-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.48	AUD	ORD	99,375	99,375
26-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50	AUD	ORD	-59,995	-59,995
26-Aug-19	BlackRock (Singapore) Limited	on mkt sell	4.50	AUD	ORD	-8,985	-8,985
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,886	3,886
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,886	3,886
26-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,183	-18,183
27-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.60	AUD	ORD	9,054	9,054
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	AUD	ORD	181,284	181,284
27-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	AUD	ORD	31,790	31,790
27-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	AUD	ORD	720,210	720,210
27-Aug-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	AUD	ORD	58,536	58,536
27-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	5,645	5,645
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.63	AUD	ORD	-77,526	-77,526
27-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	4.63	AUD	ORD	-114	-114
27-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.63	AUD	ORD	-13,866	-13,866
27-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,350	-8,350
27-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,845	-5,845
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	4.64	AUD	ORD	-8,706	-8,706
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	4.64	AUD	ORD	-5,102	-5,102
28-Aug-19	BlackRock Japan Co., Ltd.	on mkt sell	4.64	AUD	ORD	-4,724	-4,724
28-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	30,429	30,429

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28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63	AUD	ORD	-22,665	-22,665
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63	AUD	ORD	-136	-136
28-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63	AUD	ORD	-9,236	-9,236
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-72,168	-72,168
28-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,056	-24,056
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	AUD	ORD	-6,578	-6,578
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	AUD	ORD	-5,938	-5,938
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	AUD	ORD	-21,938	-21,938
29-Aug-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.61	AUD	ORD	-4,982	-4,982
29-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	4.61	AUD	ORD	-5,618	-5,618
29-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.61	AUD	ORD	-12,646	-12,646
29-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62	AUD	ORD	16,935	16,935
29-Aug-19	BlackRock Advisors (UK) Limited	on mkt sell	4.62	AUD	ORD	-5,555	-5,555
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68	AUD	ORD	-7,318	-7,318
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68	AUD	ORD	-2,412	-2,412
30-Aug-19	BLACKROCK ADVISORS, LLC	on mkt sell	4.68	AUD	ORD	-5,325	-5,325
30-Aug-19	BlackRock Asset Management Canada Limited	on mkt sell	4.68	AUD	ORD	-7,537	-7,537
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68	AUD	ORD	-16,413	-16,413
30-Aug-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	AUD	ORD	4,146	4,146
30-Aug-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	AUD	ORD	1,062	1,062
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	150,376	150,376
30-Aug-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	12,101	12,101
30-Aug-19	BlackRock (Netherlands) B.V.	on mkt buy	4.71	AUD	ORD	121,654	121,654
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,408	11,408
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,205	-19,205
30-Aug-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,845	-5,845
02-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	22,114	22,114
02-Sep-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	462,153	462,153
03-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.68	AUD	ORD	19,564	19,564
03-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	AUD	ORD	13,842	13,842
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.65	AUD	ORD	-35,688	-35,688
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65	AUD	ORD	136	136
03-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.65	AUD	ORD	2,124	2,124
04-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	AUD	ORD	-383	-383
04-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.65	AUD	ORD	-16,550	-16,550
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.66	AUD	ORD	-17,872	-17,872
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	383	383
04-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	275	275
04-Sep-19	BlackRock Japan Co., Ltd.	on mkt buy	4.66	AUD	ORD	18,089	18,089
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	109,200	109,200
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,300	27,300
04-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.71	AUD	ORD	-10,176	-10,176
05-Sep-19	BLACKROCK ADVISORS, LLC	on mkt sell	4.71	AUD	ORD	-13,200	-13,200
05-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.71	AUD	ORD	-13,326	-13,326
05-Sep-19	BlackRock International Limited	on mkt sell	4.71	AUD	ORD	-11,241	-11,241
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	AUD	ORD	-64,650	-64,650
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	AUD	ORD	-11,202	-11,202
05-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	4.71	AUD	ORD	-15,607	-15,607

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05-Sep-19	BlackRock Investment Management, LLC	on mkt sell	4.71	AUD	ORD	-4,155	-4,155
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	AUD	ORD	-37,381	-37,381
05-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71	AUD	ORD	-13,175	-13,175
05-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	1,596	1,596
05-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.72	AUD	ORD	16,764	16,764
05-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.72	AUD	ORD	-36,342	-36,342
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,920	9,920
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,952	5,952
05-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	45,500	45,500
06-Sep-19	BLACKROCK ADVISORS, LLC	on mkt sell	4.77	AUD	ORD	-11,594	-11,594
06-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.77	AUD	ORD	-41,614	-41,614
06-Sep-19	BlackRock Investment Management, LLC	on mkt sell	4.77	AUD	ORD	-3,243	-3,243
06-Sep-19	BlackRock International Limited	on mkt sell	4.77	AUD	ORD	-14,927	-14,927
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-93,467	-93,467
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-15,144	-15,144
06-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	4.77	AUD	ORD	-21,978	-21,978
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-34,987	-34,987
06-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-20,073	-20,073
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	27,684	27,684
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	1,528	1,528
06-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	275	275
06-Sep-19	BlackRock Asset Management Canada Limited	on mkt buy	4.77	AUD	ORD	82,326	82,326
06-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	11,290	11,290
06-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,936	7,936
09-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	AUD	ORD	-1,552	-1,552
09-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	AUD	ORD	70,916	70,916
09-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,300	27,300
09-Sep-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-735,507	-735,507
10-Sep-19	BlackRock Investment Management, LLC	on mkt sell	4.77	AUD	ORD	-4,512	-4,512
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-64,371	-64,371
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-3,115	-3,115
10-Sep-19	BlackRock Asset Management Canada Limited	on mkt sell	4.77	AUD	ORD	-10,288	-10,288
10-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	AUD	ORD	-15,381	-15,381
10-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	18,456	18,456
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	4,692	4,692
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	1,143	1,143
10-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	2,286	2,286
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,928	8,928
10-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,020	-12,020
11-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	27,249	27,249
11-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.77	AUD	ORD	-5,360	-5,360
11-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	1,524	1,524
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,472	3,472
11-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,576	-23,576
12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	AUD	ORD	-33,219	-33,219

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12-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	AUD	ORD	-14,208	-14,208
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	1,900	1,900
12-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	2,124	2,124
12-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	AUD	ORD	-52,054	-52,054
13-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.83	AUD	ORD	5,730	5,730
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,472	3,472
13-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,440	2,440
16-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	AUD	ORD	-40,844	-40,844
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,072	8,072
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,772	7,772
16-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,094	-3,094
17-Sep-19	BlackRock Fund Advisors	on mkt buy	4.79	AUD	ORD	45,156	45,156
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	3,000	3,000
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	3,584	3,584
17-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	3,000	3,000
17-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
18-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	AUD	ORD	4,146	4,146
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.83	AUD	ORD	1,900	1,900
18-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.83	AUD	ORD	2,124	2,124
18-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	1,524	1,524
19-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	3,584	3,584
20-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86	AUD	ORD	16,149	16,149
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.86	AUD	ORD	-3,060	-3,060
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.86	AUD	ORD	-26,964	-26,964
20-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	2,660	2,660
20-Sep-19	BlackRock Fund Advisors	on mkt buy	4.86	AUD	ORD	10,303	10,303
20-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	10,466	10,466
20-Sep-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,525	-4,525
20-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,053	-16,053
20-Sep-19	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	409,402	409,402
23-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
23-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,200	18,200
24-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.88	AUD	ORD	3,048	3,048
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88	AUD	ORD	-148,526	-148,526
24-Sep-19	BlackRock Fund Advisors	on mkt sell	4.88	AUD	ORD	-30,373	-30,373
24-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.88	AUD	ORD	-11,951	-11,951
24-Sep-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.88	AUD	ORD	-19,664	-19,664
24-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,752	4,752
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87	AUD	ORD	20,763	20,763
25-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87	AUD	ORD	5,645	5,645
25-Sep-19	BlackRock Advisors (UK) Limited	on mkt sell	4.87	AUD	ORD	-1,384	-1,384
25-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.87	AUD	ORD	-45,568	-45,568
26-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	AUD	ORD	5,645	5,645
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.83	AUD	ORD	26,369	26,369
26-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.83	AUD	ORD	-25,465	-25,465
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	118,249	118,249
27-Sep-19	BlackRock (Netherlands) B.V.	on mkt buy	4.87	AUD	ORD	2,634	2,634
27-Sep-19	BlackRock Fund Advisors	on mkt buy	4.87	AUD	ORD	30,410	30,410
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	34,450	34,450
27-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.87	AUD	ORD	7,227	7,227
27-Sep-19	BlackRock Fund Advisors	on mkt buy	4.87	AUD	ORD	23,372	23,372
27-Sep-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.87	AUD	ORD	-10,518	-10,518

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27-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
30-Sep-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	23,070	23,070
30-Sep-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	4,484	4,484
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	148,513	148,513
30-Sep-19	BlackRock Fund Advisors	on mkt buy	4.85	AUD	ORD	30,629	30,629
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	24,763	24,763
30-Sep-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	12,022	12,022
30-Sep-19	BlackRock (Netherlands) B.V.	on mkt sell	4.85	AUD	ORD	-102,590	-102,590
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,462	-32,462
30-Sep-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,829	5,829
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.87	AUD	ORD	67,320	67,320
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.87	AUD	ORD	8,611	8,611
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	AUD	ORD	2,307	2,307
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	AUD	ORD	11,290	11,290
01-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.91	AUD	ORD	3,585	3,585
01-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	AUD	ORD	5,412	5,412
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,772	7,772
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,432	8,432
01-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,432	8,432
01-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-55,280	-55,280
02-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86	AUD	ORD	22,002	22,002
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	1,910	1,910
02-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	1,910	1,910
03-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	21,886	21,886
03-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,448	2,448
04-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	AUD	ORD	64,596	64,596
04-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.83	AUD	ORD	4,529	4,529
04-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,656	-7,656
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.85	AUD	ORD	-11,286	-11,286
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.85	AUD	ORD	-719	-719
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	1,524	1,524
07-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	276	276
07-Oct-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-14,857	-14,857
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,010	-5,010
07-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,090	13,090
08-Oct-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	409,366	409,366
08-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	AUD	ORD	53,061	53,061
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.90	AUD	ORD	3,411	3,411
08-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-144,905	-144,905
08-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.90	AUD	ORD	11,315	11,315
08-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-155,839	-155,839
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.88	AUD	ORD	20,111	20,111
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	5,622	5,622
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	47,320	47,320
09-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.85	AUD	ORD	-41,617	-41,617
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.85	AUD	ORD	-9,749	-9,749
09-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.85	AUD	ORD	-16,166	-16,166
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,501	-27,501
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,772	7,772
09-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,501	-27,501
10-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.83	AUD	ORD	20,086	20,086
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	AUD	ORD	4,278	4,278
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	AUD	ORD	3,586	3,586

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10-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	AUD	ORD	9,076	9,076
10-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.82	AUD	ORD	-16,971	-16,971
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	1,528	1,528
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.86	AUD	ORD	-1,032	-1,032
11-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.86	AUD	ORD	-1,596	-1,596
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,140	2,140
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,845	-5,845
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,900	11,900
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,900	11,900
11-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,800	23,800
14-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	50,912	50,912
14-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	AUD	ORD	5,615	5,615
14-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.82	AUD	ORD	3,056	3,056
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,454	2,454
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
15-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	1,428	1,428
15-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
16-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.95	AUD	ORD	131,373	131,373
16-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.95	AUD	ORD	2,073	2,073
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.95	AUD	ORD	9,022	9,022
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.95	AUD	ORD	3,800	3,800
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.95	AUD	ORD	2,154	2,154
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.95	AUD	ORD	1,900	1,900
16-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.95	AUD	ORD	3,469	3,469
16-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,715	9,715
17-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	AUD	ORD	11,210	11,210
17-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	AUD	ORD	6,852	6,852
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.90	AUD	ORD	1,432	1,432
17-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.90	AUD	ORD	424	424
17-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,316	23,316
17-Oct-19	BlackRock Investment Management, LLC	in specie	n/a	USD	ADR 2:1	-167	-334
18-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	11,420	11,420
18-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	AUD	ORD	-239,918	-239,918
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	1,480	1,480
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	1,110	1,110
18-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	7,770	7,770
18-Oct-19	BlackRock Fund Advisors	on mkt buy	4.84	AUD	ORD	18,306	18,306
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,864	16,864
18-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,231	-16,231
21-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,704	-3,704
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87	AUD	ORD	11,228	11,228
21-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	AUD	ORD	-13,070	-13,070
21-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87	AUD	ORD	7,785	7,785
21-Oct-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	11,135	11,135
22-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	4,146	4,146
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	AUD	ORD	201,705	201,705
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	532	532
23-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	1,596	1,596
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	34,575	34,575
23-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	4,744	4,744
23-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,078	4,078
24-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.85	AUD	ORD	93,931	93,931
24-Oct-19	BlackRock Advisors (UK) Limited	on mkt sell	4.85	AUD	ORD	-4,619	-4,619
24-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	11,938	11,938
24-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,078	4,078



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24-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-57,836	-57,836
25-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	9,004	9,004
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	76,280	76,280
25-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.84	AUD	ORD	-7,641	-7,641
25-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,864	16,864
28-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,460	2,460
28-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	41,433	41,433
29-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,236	1,236
29-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	13,704	13,704
29-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	3,445	3,445
30-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	926	926
30-Oct-19	BlackRock Investment Management, LLC	on mkt buy	4.84	AUD	ORD	6,888	6,888
30-Oct-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.83	AUD	ORD	198,801	198,801
30-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	AUD	ORD	129,594	129,594
30-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	3,586	3,586
30-Oct-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	AUD	ORD	-18,676	-18,676
30-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,668	36,668
31-Oct-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	8,422	8,422
31-Oct-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,422	7,422
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.80	AUD	ORD	3,420	3,420
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.80	AUD	ORD	2,984	2,984
31-Oct-19	BlackRock Advisors (UK) Limited	on mkt buy	4.80	AUD	ORD	61,264	61,264
31-Oct-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.80	AUD	ORD	-79,813	-79,813
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,741	3,741
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	27,714	27,714
01-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.81	AUD	ORD	-5,598	-5,598
01-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,855	7,855
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	AUD	ORD	5,614	5,614
04-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	AUD	ORD	13,704	13,704
04-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
05-Nov-19	BlackRock International Limited	on mkt buy	4.83	AUD	ORD	9,589	9,589
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	18,272	18,272
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	11,228	11,228
05-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	11,228	11,228
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	13,533	13,533
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	742	742
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	2,597	2,597
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	273	273
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	277	277
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.84	AUD	ORD	-3,469	-3,469
05-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	819	819
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	55,002	55,002
05-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,690	11,690
06-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-15,565	-15,565
06-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.84	AUD	ORD	240,686	240,686
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	207,843	207,843
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	20,280	20,280
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	AUD	ORD	130,422	130,422
06-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	AUD	ORD	11,228	11,228
06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.73	AUD	ORD	1,895	1,895

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06-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.73	AUD	ORD	14,893	14,893
06-Nov-19	BlackRock Fund Advisors	on mkt buy	4.73	AUD	ORD	22,697	22,697
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,548	24,548
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,450	39,450
07-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	AUD	ORD	4,146	4,146
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.78	AUD	ORD	-3,587	-3,587
07-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	22,132	22,132
07-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	97,136	97,136
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	46,175	46,175
07-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,117	6,117
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,568	12,568
08-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	5,722	5,722
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.77	AUD	ORD	27,066	27,066
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	2,611	2,611
08-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	511	511
08-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	AUD	ORD	56,274	56,274
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,420	31,420
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,432	8,432
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,020	10,020
08-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,350	8,350
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-37,117	-37,117
08-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-61,050	-61,050
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	52,536	52,536
11-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	AUD	ORD	4,568	4,568
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	9,166	9,166
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.81	AUD	ORD	-2,908	-2,908
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	2,604	2,604
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	2,604	2,604
11-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	3,586	3,586
11-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.81	AUD	ORD	4,520	4,520
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,117	6,117
11-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,175	4,175
12-Nov-19	BlackRock Fund Advisors	on mkt buy	4.81	AUD	ORD	231,277	231,277
12-Nov-19	BlackRock Fund Advisors	on mkt sell	4.81	AUD	ORD	-46,801	-46,801
12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	56,556	56,556
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	1,683	1,683
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	1,090	1,090
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	7,782	7,782
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	6,630	6,630
12-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.81	AUD	ORD	20,547	20,547
12-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.81	AUD	ORD	21,653	21,653
12-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.81	AUD	ORD	8,384	8,384
12-Nov-19	BlackRock International Limited	on mkt buy	4.81	AUD	ORD	13,192	13,192
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	4,065	4,065
12-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.81	AUD	ORD	5,341	5,341
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	83,147	83,147
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	14,621	14,621
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	15,397	15,397
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.81	AUD	ORD	11,966	11,966
12-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.81	AUD	ORD	4,483	4,483
12-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.81	AUD	ORD	25,339	25,339
12-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	17,900	17,900
12-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.81	AUD	ORD	-18,640	-18,640

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12-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,432	8,432
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	AUD	ORD	11,795	11,795
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	AUD	ORD	7,364	7,364
13-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.80	AUD	ORD	6,476	6,476
13-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	AUD	ORD	13,788	13,788
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.80	AUD	ORD	29,579	29,579
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.80	AUD	ORD	9,909	9,909
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.80	AUD	ORD	11,749	11,749
13-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.80	AUD	ORD	3,655	3,655
13-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.80	AUD	ORD	6,547	6,547
13-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.80	AUD	ORD	4,302	4,302
13-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	AUD	ORD	6,792	6,792
13-Nov-19	BlackRock Fund Advisors	on mkt buy	4.80	AUD	ORD	38,468	38,468
13-Nov-19	BlackRock Fund Advisors	on mkt sell	4.80	AUD	ORD	-3,140	-3,140
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,775	23,775
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	AUD	ORD	223,696	223,696
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	AUD	ORD	207,114	207,114
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	AUD	ORD	109,878	109,878
13-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	AUD	ORD	2,073	2,073
13-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	AUD	ORD	78,000	78,000
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	120,055	120,055
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	55,410	55,410
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	46,175	46,175
13-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,940	36,940
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	8,724	8,724
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	1,977	1,977
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	4,574	4,574
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	18,258	18,258
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	5,435	5,435
14-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.79	AUD	ORD	17,705	17,705
14-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.79	AUD	ORD	12,893	12,893
14-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.79	AUD	ORD	4,937	4,937
14-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.79	AUD	ORD	25,984	25,984
14-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.79	AUD	ORD	11,332	11,332
14-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.79	AUD	ORD	3,270	3,270
14-Nov-19	BlackRock International Limited	on mkt buy	4.79	AUD	ORD	15,604	15,604
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	3,510	3,510
14-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.79	AUD	ORD	8,214	8,214
14-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.79	AUD	ORD	4,192	4,192
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	77,109	77,109
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	11,530	11,530
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	22,093	22,093
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	20,233	20,233
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	15,270	15,270
14-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.79	AUD	ORD	5,133	5,133
14-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.79	AUD	ORD	3,058	3,058

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
14-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.79	AUD	ORD	19,707	19,707
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	19,120	19,120
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	15,395	15,395
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	AUD	ORD	13,704	13,704
14-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	AUD	ORD	5,614	5,614
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	4,566	4,566
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	514	514
14-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	AUD	ORD	-19,778	-19,778
14-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.79	AUD	ORD	-9,356	-9,356
14-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.79	AUD	ORD	165	165
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,572	3,572
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	46,175	46,175
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,231	-16,231
14-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64,645	64,645
14-Nov-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-7,297	-7,297
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	5,076	5,076
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	1,633	1,633
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	5,618	5,618
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	6,885	6,885
15-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.78	AUD	ORD	13,526	13,526
15-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.78	AUD	ORD	10,073	10,073
15-Nov-19	BlackRock International Limited	on mkt buy	4.78	AUD	ORD	12,862	12,862
15-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.78	AUD	ORD	3,082	3,082
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	67,817	67,817
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	9,103	9,103
15-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	12,299	12,299
15-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	9,645	9,645
15-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.78	AUD	ORD	5,386	5,386
15-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.78	AUD	ORD	15,883	15,883
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	18,013	18,013
15-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	14,423	14,423
15-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	AUD	ORD	18,272	18,272
15-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	1,137	1,137
15-Nov-19	BlackRock Fund Advisors	on mkt buy	4.79	AUD	ORD	44,019	44,019
15-Nov-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-5,670	-5,670
18-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,920	15,920
18-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-27,947	-27,947
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	AUD	ORD	10,795	10,795
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	AUD	ORD	3,775	3,775
18-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.84	AUD	ORD	18,272	18,272
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	3,393	3,393
18-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.84	AUD	ORD	1,885	1,885
18-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.84	AUD	ORD	-8,207	-8,207
19-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	50,272	50,272
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	658	658
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	2,666	2,666

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19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	6,305	6,305
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	14,810	14,810
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	19,292	19,292
19-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.86	AUD	ORD	40,690	40,690
19-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.86	AUD	ORD	9,649	9,649
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	AUD	ORD	4,252	4,252
19-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.86	AUD	ORD	6,867	6,867
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	AUD	ORD	34,979	34,979
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	AUD	ORD	14,495	14,495
19-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.86	AUD	ORD	4,390	4,390
19-Nov-19	BlackRock International Limited	on mkt buy	4.86	AUD	ORD	22,078	22,078
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	142,113	142,113
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	6,093	6,093
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	AUD	ORD	9,306	9,306
19-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.86	AUD	ORD	7,423	7,423
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	166,492	166,492
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	26,692	26,692
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	31,250	31,250
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	27,041	27,041
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	20,646	20,646
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	AUD	ORD	13,793	13,793
19-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.86	AUD	ORD	8,327	8,327
19-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.86	AUD	ORD	45,891	45,891
19-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.86	AUD	ORD	4,277	4,277
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	91,082	91,082
19-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	AUD	ORD	55,603	55,603
19-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	AUD	ORD	4,993	4,993
19-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.87	AUD	ORD	-32,641	-32,641
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	670	670
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	206,657	206,657
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	81,396	81,396
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	AUD	ORD	182,923	182,923
20-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.85	AUD	ORD	28,987	28,987
20-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.85	AUD	ORD	5,870	5,870
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	3,155	3,155
20-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	AUD	ORD	2,404	2,404
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.85	AUD	ORD	3,632	3,632
20-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.85	AUD	ORD	7,685	7,685
20-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.85	AUD	ORD	8,678	8,678
20-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.85	AUD	ORD	3,229	3,229
20-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.85	AUD	ORD	2,955	2,955
20-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.85	AUD	ORD	9,019	9,019

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20-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.85	AUD	ORD	9,032	9,032
20-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86	AUD	ORD	18,272	18,272
20-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.86	AUD	ORD	9,658	9,658
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,828	3,828
20-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,871	17,871
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	11,933	11,933
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	1,921	1,921
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	AUD	ORD	1,875	1,875
21-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.81	AUD	ORD	2,514	2,514
21-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.80	AUD	ORD	21,356	21,356
21-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.80	AUD	ORD	8,756	8,756
21-Nov-19	BlackRock International Limited	on mkt buy	4.80	AUD	ORD	9,730	9,730
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	AUD	ORD	23,873	23,873
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.80	AUD	ORD	8,423	8,423
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.80	AUD	ORD	6,090	6,090
21-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.81	AUD	ORD	6,001	6,001
21-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.80	AUD	ORD	7,738	7,738
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	AUD	ORD	11,228	11,228
21-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	AUD	ORD	9,136	9,136
21-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.80	AUD	ORD	-4,677	-4,677
21-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	AUD	ORD	12,182	12,182
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,940	36,940
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,702	1,702
21-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,156	8,156
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	AUD	ORD	4,599	4,599
22-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.77	AUD	ORD	22,243	22,243
22-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.77	AUD	ORD	4,599	4,599
22-Nov-19	BlackRock International Limited	on mkt buy	4.77	AUD	ORD	10,804	10,804
22-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.77	AUD	ORD	4,630	4,630
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	AUD	ORD	99,925	99,925
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	AUD	ORD	13,697	13,697
22-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.77	AUD	ORD	8,091	8,091
22-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.77	AUD	ORD	3,531	3,531
22-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.77	AUD	ORD	12,532	12,532
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	AUD	ORD	38,174	38,174
22-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	AUD	ORD	15,890	15,890
22-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,423	20,423
22-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	10,463	10,463
25-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	AUD	ORD	4,146	4,146
25-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	AUD	ORD	355	355
25-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	AUD	ORD	829	829
25-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.73	AUD	ORD	-14,031	-14,031
25-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.73	AUD	ORD	2,646	2,646
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	1,013	1,013

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26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	3,533	3,533
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	7,467	7,467
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	18,942	18,942
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	10,033	10,033
26-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	23,517	23,517
26-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	8,902	8,902
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	2,955	2,955
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	9,487	9,487
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	41,977	41,977
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	16,977	16,977
26-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	4,578	4,578
26-Nov-19	BlackRock International Limited	on mkt buy	4.75	AUD	ORD	27,179	27,179
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	86,765	86,765
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	8,736	8,736
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	10,085	10,085
26-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	5,328	5,328
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	86,014	86,014
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	16,352	16,352
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	37,492	37,492
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	22,033	22,033
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	17,302	17,302
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	10,460	10,460
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	5,215	5,215
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	25,663	25,663
26-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	3,989	3,989
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	5,397	5,397
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	39,704	39,704
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	29,686	29,686
26-Nov-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	5,788	5,788
26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	3,311	3,311
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt sell	4.75	AUD	ORD	-23,325	-23,325
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	1,488	1,488
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	10,127	10,127
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.75	AUD	ORD	-12,525	-12,525
26-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	17,700	17,700
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	2,896	2,896
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-90,649	-90,649
26-Nov-19	BlackRock (Netherlands) B.V.	on mkt sell	4.75	AUD	ORD	-1,252	-1,252
26-Nov-19	BlackRock Fund Advisors	on mkt buy	4.75	AUD	ORD	124,803	124,803
26-Nov-19	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	115	115
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	1,888	1,888
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-66,436	-66,436

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26-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	53,503	53,503
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-41,315	-41,315
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-32,042	-32,042
26-Nov-19	BlackRock Fund Advisors	on mkt sell	4.75	AUD	ORD	-38,846	-38,846
26-Nov-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.75	AUD	ORD	-225	-225
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-1,620	-1,620
26-Nov-19	BlackRock (Netherlands) B.V.	on mkt sell	4.75	AUD	ORD	-23	-23
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-1,187	-1,187
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-738	-738
26-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.75	AUD	ORD	-574	-574
26-Nov-19	BlackRock Fund Advisors	on mkt sell	4.75	AUD	ORD	-694	-694
26-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,762	-6,762
26-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	37,706	37,706
27-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	AUD	ORD	89,438	89,438
27-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.79	AUD	ORD	6,232	6,232
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	2,618	2,618
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	656	656
27-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	2,017	2,017
27-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.78	AUD	ORD	127,314	127,314
27-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.79	AUD	ORD	17,447	17,447
27-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.79	AUD	ORD	3,936	3,936
27-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.79	AUD	ORD	4,825	4,825
27-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.79	AUD	ORD	3,787	3,787
27-Nov-19	BlackRock Japan Co., Ltd.	on mkt buy	4.79	AUD	ORD	2,887	2,887
27-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.78	AUD	ORD	80,593	80,593
27-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.78	AUD	ORD	190,938	190,938
27-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.79	AUD	ORD	1,072	1,072
27-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.78	AUD	ORD	77,963	77,963
27-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	AUD	ORD	7,732	7,732
27-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	271	271
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,762	6,762
27-Nov-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	25,360	25,360
28-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.83	AUD	ORD	80,790	80,790
28-Nov-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.83	AUD	ORD	51,142	51,142
28-Nov-19	BlackRock Investment Management, LLC	on mkt buy	4.83	AUD	ORD	121,162	121,162
28-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.83	AUD	ORD	49,473	49,473
28-Nov-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	AUD	ORD	18,272	18,272
29-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.81	AUD	ORD	9,126	9,126
29-Nov-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.81	AUD	ORD	20,864	20,864
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	713	713
29-Nov-19	BlackRock Advisors (UK) Limited	on mkt buy	4.79	AUD	ORD	760	760
29-Nov-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	AUD	ORD	17,597	17,597
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-71,258	-71,258
29-Nov-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	71,258	71,258
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.72	AUD	ORD	-4,668	-4,668



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02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	5,631	5,631
02-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	1,516	1,516
02-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72	AUD	ORD	10,859	10,859
02-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-604,673	-604,673
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	29,916	29,916
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	8,766	8,766
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	28,526	28,526
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	15,153	15,153
03-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.67	AUD	ORD	20,478	20,478
03-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.67	AUD	ORD	30,135	30,135
03-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.67	AUD	ORD	6,453	6,453
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	4,719	4,719
03-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.67	AUD	ORD	10,969	10,969
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	61,953	61,953
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	21,807	21,807
03-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.67	AUD	ORD	5,878	5,878
03-Dec-19	BlackRock International Limited	on mkt buy	4.67	AUD	ORD	37,508	37,508
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	159,580	159,580
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	11,082	11,082
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	12,605	12,605
03-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.67	AUD	ORD	8,865	8,865
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	118,751	118,751
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	21,964	21,964
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	47,047	47,047
03-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.67	AUD	ORD	46,422	46,422
03-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.67	AUD	ORD	36,750	36,750
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	13,402	13,402
03-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.67	AUD	ORD	6,562	6,562
03-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.67	AUD	ORD	42,046	42,046
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	11,306	11,306
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	65,826	65,826
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	34,669	34,669
03-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.67	AUD	ORD	3,937	3,937
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	3,662	3,662
03-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.67	AUD	ORD	11,976	11,976
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,106	5,106
03-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,381	-3,381
03-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.61	AUD	ORD	11,023	11,023
03-Dec-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-49,345	-49,345
04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt sell	4.64	AUD	ORD	-10,627	-10,627
04-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,613	17,613
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	AUD	ORD	45,975	45,975

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04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	AUD	ORD	131,580	131,580
04-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.63	AUD	ORD	559,435	559,435
04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	AUD	ORD	89,150	89,150
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.63	AUD	ORD	9,984	9,984
04-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	AUD	ORD	1,918	1,918
04-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	AUD	ORD	4,614	4,614
04-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.63	AUD	ORD	4,009	4,009
04-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.63	AUD	ORD	1,125	1,125
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.63	AUD	ORD	1,143	1,143
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.63	AUD	ORD	2,523	2,523
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.63	AUD	ORD	1,582	1,582
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.63	AUD	ORD	1,906	1,906
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.63	AUD	ORD	4,001	4,001
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.63	AUD	ORD	3,123	3,123
04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	AUD	ORD	5,278	5,278
04-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.63	AUD	ORD	1,034	1,034
04-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.63	AUD	ORD	483	483
04-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.64	AUD	ORD	55,137	55,137
04-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.64	AUD	ORD	3,830	3,830
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	2,284	2,284
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	13,704	13,704
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63	AUD	ORD	-1,596	-1,596
04-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.63	AUD	ORD	-2,660	-2,660
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.63	AUD	ORD	-66,419	-66,419
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	8,607	8,607
04-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63	AUD	ORD	16,301	16,301
04-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,762	-6,762
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.66	AUD	ORD	10,498	10,498
05-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	41,097	41,097
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	30,060	30,060
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	3,756	3,756
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	3,740	3,740
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	902	902
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	1,493	1,493
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.67	AUD	ORD	36,558	36,558
05-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.68	AUD	ORD	1,015	1,015
05-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.68	AUD	ORD	608	608
05-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.68	AUD	ORD	2,920	2,920
05-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.68	AUD	ORD	1,226	1,226
05-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.67	AUD	ORD	155,433	155,433
05-Dec-19	BlackRock International Limited	on mkt buy	4.68	AUD	ORD	2,573	2,573
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	11,027	11,027
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	846	846

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05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.67	AUD	ORD	24,769	24,769
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	5,752	5,752
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	891	891
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	2,803	2,803
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	2,387	2,387
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	1,884	1,884
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.67	AUD	ORD	778	778
05-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.68	AUD	ORD	1,699	1,699
05-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.68	AUD	ORD	605	605
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	1,835	1,835
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	1,240	1,240
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	546	546
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	113	113
05-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	470	470
05-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.68	AUD	ORD	392	392
05-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.67	AUD	ORD	345	345
05-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.68	AUD	ORD	502	502
05-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.68	AUD	ORD	339	339
05-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.68	AUD	ORD	391	391
05-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.68	AUD	ORD	507	507
05-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	AUD	ORD	5,657	5,657
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	719	719
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	719	719
05-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.68	AUD	ORD	-9,984	-9,984
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	AUD	ORD	42,392	42,392
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	187	187
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	1,479	1,479
06-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	AUD	ORD	36,593	36,593
06-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.69	AUD	ORD	756	756
06-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.69	AUD	ORD	642	642
06-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.69	AUD	ORD	577	577
06-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.69	AUD	ORD	4,253	4,253
06-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.69	AUD	ORD	1,661	1,661
06-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	155,580	155,580
06-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	585	585
06-Dec-19	BlackRock International Limited	on mkt buy	4.69	AUD	ORD	2,469	2,469
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	9,834	9,834
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	571	571
06-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	AUD	ORD	24,793	24,793
06-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.69	AUD	ORD	534	534
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	8,366	8,366

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06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	1,377	1,377
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	4,214	4,214
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.69	AUD	ORD	2,043	2,043
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.69	AUD	ORD	1,626	1,626
06-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.69	AUD	ORD	387	387
06-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.69	AUD	ORD	2,418	2,418
06-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	452	452
06-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.69	AUD	ORD	692	692
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	2,949	2,949
06-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	AUD	ORD	9,136	9,136
06-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.69	AUD	ORD	4,539	4,539
06-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	15,759	15,759
06-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	166	166
06-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-19,414	-19,414
06-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,808	6,808
09-Dec-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-8,269	-8,269
09-Dec-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	8,269	8,269
09-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	1,394	1,394
09-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	83,929	83,929
09-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	356,837	356,837
09-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	56,865	56,865
09-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.71	AUD	ORD	9,892	9,892
09-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	AUD	ORD	22,840	22,840
09-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	12,768	12,768
09-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,462	-32,462
09-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,160	8,160
09-Dec-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-495,488	-495,488
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	3,084	3,084
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	2,219	2,219
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	2,304	2,304
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	6,295	6,295
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	1,694	1,694
10-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.66	AUD	ORD	45,184	45,184
10-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.66	AUD	ORD	8,884	8,884
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	1,443	1,443
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.66	AUD	ORD	2,408	2,408
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	14,100	14,100
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	5,757	5,757
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	192,109	192,109
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	1,904	1,904
10-Dec-19	BlackRock International Limited	on mkt buy	4.66	AUD	ORD	9,270	9,270

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10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	34,392	34,392
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	4,101	4,101
10-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.66	AUD	ORD	30,614	30,614
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	3,121	3,121
10-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.66	AUD	ORD	3,802	3,802
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	72,337	72,337
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	10,353	10,353
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	10,538	10,538
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	8,642	8,642
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	6,852	6,852
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	1,244	1,244
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.66	AUD	ORD	3,057	3,057
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.66	AUD	ORD	17,619	17,619
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	2,196	2,196
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	2,746	2,746
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	15,521	15,521
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	13,026	13,026
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	834	834
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	641	641
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	666	666
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	1,818	1,818
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	490	490
10-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.66	AUD	ORD	12,211	12,211
10-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.66	AUD	ORD	2,566	2,566
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	417	417
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.66	AUD	ORD	696	696
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	4,071	4,071
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	1,663	1,663
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	51,915	51,915
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	551	551
10-Dec-19	BlackRock International Limited	on mkt buy	4.66	AUD	ORD	2,676	2,676
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	9,931	9,931
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	1,185	1,185
10-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.66	AUD	ORD	8,273	8,273
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	902	902
10-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.66	AUD	ORD	1,099	1,099
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	20,887	20,887
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	2,989	2,989
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	3,043	3,043
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	2,496	2,496

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10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.66	AUD	ORD	1,979	1,979
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	360	360
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.66	AUD	ORD	883	883
10-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.66	AUD	ORD	5,087	5,087
10-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.66	AUD	ORD	635	635
10-Dec-19	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	AUD	ORD	794	794
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	4,481	4,481
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	AUD	ORD	3,761	3,761
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	AUD	ORD	27,408	27,408
10-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.64	AUD	ORD	274	274
10-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.64	AUD	ORD	8,806	8,806
10-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.64	AUD	ORD	16,971	16,971
10-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,762	6,762
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	1,343	1,343
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	425	425
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	2,351	2,351
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	1,622	1,622
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	AUD	ORD	49,099	49,099
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.70	AUD	ORD	1,688	1,688
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.70	AUD	ORD	2,250	2,250
11-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.69	AUD	ORD	88,222	88,222
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	295,535	295,535
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	AUD	ORD	41,913	41,913
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	2,468	2,468
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	15,830	15,830
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	38,998	38,998
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.69	AUD	ORD	16,455	16,455
11-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69	AUD	ORD	-25,553	-25,553
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	1,574	1,574
11-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	498	498
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	2,755	2,755
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	1,901	1,901
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	53,937	53,937
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.70	AUD	ORD	1,978	1,978
11-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.70	AUD	ORD	2,637	2,637
11-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.70	AUD	ORD	96,914	96,914
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	324,651	324,651
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	46,042	46,042
11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	2,893	2,893
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	18,542	18,542
11-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	45,678	45,678
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.70	AUD	ORD	-9,334	-9,334
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	3,048	3,048
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	2,286	2,286
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	3,587	3,587
11-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	3,587	3,587

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11-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	5,796	5,796
11-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	AUD	ORD	139,126	139,126
11-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,078	4,078
11-Dec-19	BlackRock Asset Management North Asia Limited	in specie	n/a	AUD	ORD	-9,761	-9,761
12-Dec-19	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	98,004	98,004
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	7,154	7,154
12-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.68	AUD	ORD	17,940	17,940
12-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.68	AUD	ORD	32,234	32,234
12-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.67	AUD	ORD	9,872	9,872
12-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.68	AUD	ORD	107,982	107,982
12-Dec-19	BlackRock International Limited	on mkt buy	4.67	AUD	ORD	12,099	12,099
12-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.68	AUD	ORD	15,314	15,314
12-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.67	AUD	ORD	5,399	5,399
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	85,930	85,930
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	11,481	11,481
12-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.67	AUD	ORD	4,213	4,213
12-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.67	AUD	ORD	24,029	24,029
12-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	16,518	16,518
12-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67	AUD	ORD	29,692	29,692
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.67	AUD	ORD	-6,718	-6,718
12-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.67	AUD	ORD	94,746	94,746
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	7,206	7,206
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	7,422	7,422
13-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.70	AUD	ORD	7,280	7,280
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	36,727	36,727
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	41,642	41,642
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	6,232	6,232
13-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.70	AUD	ORD	14,846	14,846
13-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	17,072	17,072
13-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.70	AUD	ORD	85,198	85,198
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	AUD	ORD	13,938	13,938
13-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.71	AUD	ORD	11,314	11,314
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	AUD	ORD	9,060	9,060
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.71	AUD	ORD	-1,593	-1,593
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	AUD	ORD	4,180	4,180
13-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.71	AUD	ORD	3,800	3,800
13-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	4,111	4,111
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,624	-10,624
16-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.73	AUD	ORD	4,539	4,539
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	AUD	ORD	-63,831	-63,831
16-Dec-19	BlackRock Fund Advisors	on mkt buy	4.73	AUD	ORD	39,517	39,517
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.73	AUD	ORD	-63,337	-63,337
16-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	AUD	ORD	-13,207	-13,207
16-Dec-19	BlackRock Fund Advisors	on mkt sell	4.73	AUD	ORD	-40,245	-40,245
16-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070

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17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	4,863	4,863
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	15,283	15,283
17-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.76	AUD	ORD	6,169	6,169
17-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.76	AUD	ORD	6,452	6,452
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.76	AUD	ORD	6,397	6,397
17-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.76	AUD	ORD	4,218	4,218
17-Dec-19	BlackRock International Limited	on mkt buy	4.76	AUD	ORD	23,302	23,302
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	47,041	47,041
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	5,115	5,115
17-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.76	AUD	ORD	3,496	3,496
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	80,579	80,579
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	11,824	11,824
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.76	AUD	ORD	8,762	8,762
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.76	AUD	ORD	6,843	6,843
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.76	AUD	ORD	3,679	3,679
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.76	AUD	ORD	23,569	23,569
17-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.76	AUD	ORD	4,135	4,135
17-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	AUD	ORD	15,333	15,333
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	AUD	ORD	6,748	6,748
17-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	AUD	ORD	22,840	22,840
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.74	AUD	ORD	-3,603	-3,603
17-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	278	278
17-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.74	AUD	ORD	14,580	14,580
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,700	22,700
18-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.74	AUD	ORD	3,705	3,705
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	6,476	6,476
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	3,713	3,713
18-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.74	AUD	ORD	2,791	2,791
18-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	55,308	55,308
18-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.74	AUD	ORD	4,949	4,949
18-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.74	AUD	ORD	10,379	10,379
18-Dec-19	BlackRock Japan Co., Ltd.	on mkt buy	4.74	AUD	ORD	8,144	8,144
18-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	61,927	61,927
18-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	126,734	126,734
18-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	37,035	37,035
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	31,575	31,575
18-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	AUD	ORD	3,734	3,734
18-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	AUD	ORD	1,096	1,096
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	4,539	4,539
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	36,312	36,312
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.74	AUD	ORD	-5,638	-5,638
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	36,312	36,312
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	1,376	1,376
18-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.74	AUD	ORD	274	274
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,070	1,070
18-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-152,660	-152,660
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	12,666	12,666
19-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.78	AUD	ORD	5,904	5,904
19-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.78	AUD	ORD	5,472	5,472



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19-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.78	AUD	ORD	4,285	4,285
19-Dec-19	BlackRock International Limited	on mkt buy	4.78	AUD	ORD	13,510	13,510
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	85,553	85,553
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	6,446	6,446
19-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.78	AUD	ORD	3,075	3,075
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	48,873	48,873
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	7,735	7,735
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	12,761	12,761
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	9,689	9,689
19-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	AUD	ORD	3,077	3,077
19-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.78	AUD	ORD	14,595	14,595
19-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.78	AUD	ORD	3,897	3,897
19-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.78	AUD	ORD	1,062	1,062
19-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	AUD	ORD	33,254	33,254
19-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,736	6,736
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.75	AUD	ORD	-27,384	-27,384
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt sell	4.75	AUD	ORD	-30,920	-30,920
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	10,212	10,212
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	3,146	3,146
20-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	11,617	11,617
20-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	5,303	5,303
20-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	4,234	4,234
20-Dec-19	BlackRock International Limited	on mkt buy	4.75	AUD	ORD	13,813	13,813
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	85,060	85,060
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	6,652	6,652
20-Dec-19	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	5,004	5,004
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	74,369	74,369
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	13,726	13,726
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	14,613	14,613
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	11,567	11,567
20-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	4,530	4,530
20-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	23,399	23,399
20-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	3,556	3,556
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	13,268	13,268
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	10,529	10,529
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	9,098	9,098
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.75	AUD	ORD	-9,332	-9,332
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	1,516	1,516
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.75	AUD	ORD	-2,274	-2,274
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	2,124	2,124
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt sell	4.75	AUD	ORD	-512	-512
20-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	3,186	3,186
20-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	6,085	6,085
20-Dec-19	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	18,252	18,252
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	6,640	6,640
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	19,919	19,919

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20-Dec-19	BlackRock Investment Management, LLC	on mkt sell	4.75	AUD	ORD	-2,605	-2,605
20-Dec-19	BlackRock Fund Advisors	on mkt buy	4.75	AUD	ORD	42,443	42,443
20-Dec-19	BlackRock Fund Advisors	on mkt buy	4.75	AUD	ORD	127,304	127,304
20-Dec-19	BlackRock Fund Advisors	on mkt buy	4.75	AUD	ORD	847	847
20-Dec-19	BlackRock Fund Advisors	on mkt buy	4.75	AUD	ORD	2,548	2,548
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	5,397	5,397
20-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	16,197	16,197
20-Dec-19	BlackRock Asset Management Canada Limited	on mkt sell	4.75	AUD	ORD	-8,834	-8,834
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	10,836	10,836
20-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	3,610	3,610
20-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-35,920	-35,920
20-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-31,690	-31,690
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,443	-14,443
23-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.67	AUD	ORD	5,644	5,644
23-Dec-19	BlackRock Investment Management, LLC	on mkt buy	4.67	AUD	ORD	6,287	6,287
23-Dec-19	BlackRock Asset Management Canada Limited	on mkt buy	4.67	AUD	ORD	1,011	1,011
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,675	2,675
23-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,420	8,420
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,731	36,731
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	34,602	34,602
24-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	AUD	ORD	4,568	4,568
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,090	6,090
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,736	6,736
24-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,736	6,736
27-Dec-19	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67	AUD	ORD	13,704	13,704
27-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.67	AUD	ORD	37,745	37,745
27-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	AUD	ORD	13,486	13,486
27-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,120	8,120
30-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	4,550	4,550
30-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.68	AUD	ORD	1,446	1,446
30-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.68	AUD	ORD	57,252	57,252
30-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68	AUD	ORD	-13,440	-13,440
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	720	720
31-Dec-19	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	2,244	2,244
31-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	1,300	1,300
31-Dec-19	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53	AUD	ORD	-25,304	-25,304
31-Dec-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,104	10,104
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	AUD	ORD	20,556	20,556
02-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	AUD	ORD	4,568	4,568
03-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	AUD	ORD	120,479	120,479
03-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.60	AUD	ORD	200,778	200,778
03-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.60	AUD	ORD	217,218	217,218
03-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	AUD	ORD	7,050	7,050
03-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.62	AUD	ORD	37,084	37,084
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	AUD	ORD	5,651	5,651
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	AUD	ORD	722	722
03-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.57	AUD	ORD	1,064	1,064
03-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.57	AUD	ORD	-1,699	-1,699
06-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	61,580	61,580

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-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	AUD	ORD	26,249	26,249
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	8,446	8,446
06-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.54	AUD	ORD	5,805	5,805
06-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.53	AUD	ORD	4,550	4,550
06-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,736	6,736
07-Jan-20	BlackRock Investment Management, LLC	on mkt sell	4.59	AUD	ORD	-6,960	-6,960
07-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.60	AUD	ORD	-29,666	-29,666
07-Jan-20	BlackRock Investment Management, LLC	on mkt sell	4.60	AUD	ORD	-6,213	-6,213
07-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,524	18,524
08-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.55	AUD	ORD	8,986	8,986
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.53	AUD	ORD	-12,031	-12,031
08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	AUD	ORD	-3,164	-3,164
08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	AUD	ORD	-3,327	-3,327
08-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.54	AUD	ORD	-3,284	-3,284
08-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.54	AUD	ORD	3,329	3,329
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,780	11,780
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,605	1,605
08-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,578	7,578
09-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.59	AUD	ORD	-29,666	-29,666
09-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-49,994	-49,994
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,943	-26,943
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,894	5,894
09-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,736	6,736
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.65	AUD	ORD	4,559	4,559
10-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.65	AUD	ORD	-4,559	-4,559
13-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,062	-7,062
13-Jan-20	BlackRock Investment Management (UK) Limited	on mkt sell	4.63	AUD	ORD	-11,208	-11,208
13-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69	AUD	ORD	107,254	107,254
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.69	AUD	ORD	-36,472	-36,472
13-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69	AUD	ORD	274	274
14-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	3,317	3,317
14-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	AUD	ORD	29,097	29,097
14-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.69	AUD	ORD	114,948	114,948
14-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	173,844	173,844
14-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.69	AUD	ORD	6,620	6,620
14-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	41,123	41,123
14-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.69	AUD	ORD	7,748	7,748
14-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	40,698	40,698
14-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	AUD	ORD	11,410	11,410
14-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	AUD	ORD	9,999	9,999
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	8,206	8,206
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.70	AUD	ORD	-2,665	-2,665
14-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.70	AUD	ORD	548	548
14-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	56,098	56,098
14-Jan-20	BlackRock Japan Co., Ltd.	on mkt sell	4.70	AUD	ORD	-25,079	-25,079
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,684	1,684
14-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,578	7,578

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
14-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.70	AUD	ORD	134,512	134,512
15-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	118,931	118,931
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,211	-8,211
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.69	AUD	ORD	-854	-854
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.69	AUD	ORD	-819	-819
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	609	609
15-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	AUD	ORD	5,490	5,490
15-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.69	AUD	ORD	3,415	3,415
15-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.69	AUD	ORD	7,784	7,784
15-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.69	AUD	ORD	11,805	11,805
15-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.69	AUD	ORD	10,431	10,431
15-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	1,542	1,542
15-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.69	AUD	ORD	4,625	4,625
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69	AUD	ORD	-32,934	-32,934
15-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.69	AUD	ORD	13,892	13,892
15-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	AUD	ORD	43,358	43,358
15-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.68	AUD	ORD	-5,740	-5,740
15-Jan-20	BLACKROCK ADVISORS, LLC	on mkt sell	4.68	AUD	ORD	-9,042	-9,042
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-44,905	-44,905
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-44,905	-44,905
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-71,848	-71,848
15-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,894	5,894
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	463	463
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	926	926
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	4,759	4,759
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	6,332	6,332
16-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.71	AUD	ORD	17,863	17,863
16-Jan-20	BlackRock International Limited	on mkt buy	4.71	AUD	ORD	12,227	12,227
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	47,663	47,663
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	3,095	3,095
16-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.71	AUD	ORD	3,312	3,312
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	58,099	58,099
16-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	AUD	ORD	8,731	8,731
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.71	AUD	ORD	8,466	8,466
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.71	AUD	ORD	6,787	6,787
16-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.71	AUD	ORD	3,095	3,095
16-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.71	AUD	ORD	16,633	16,633
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,229	11,229
16-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72	AUD	ORD	22,820	22,820
16-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	1,140	1,140
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,510	12,510
16-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,357	-4,357
16-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,092	7,092
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	5,335	5,335
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	4,937	4,937
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	13,065	13,065
17-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	41,694	41,694
17-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	4,206	4,206

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
17-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	5,466	5,466
17-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	22,445	22,445
17-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	8,611	8,611
17-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	4,335	4,335
17-Jan-20	BlackRock International Limited	on mkt buy	4.75	AUD	ORD	17,202	17,202
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	87,186	87,186
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	10,016	10,016
17-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	8,265	8,265
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	111,342	111,342
17-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	24,584	24,584
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	20,669	20,669
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	16,744	16,744
17-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	6,978	6,978
17-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.75	AUD	ORD	40,293	40,293
17-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	4,858	4,858
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	2,166	2,166
17-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	2,660	2,660
17-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,344	8,344
17-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,736	6,736
17-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	206,020	206,020
17-Jan-20	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-206,020	-206,020
17-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	67,573	67,573
20-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	AUD	ORD	314	314
20-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	AUD	ORD	8,775	8,775
20-Jan-20	BlackRock Asset Management Canada Limited	on mkt buy	4.72	AUD	ORD	27,402	27,402
20-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt sell	4.72	AUD	ORD	-43,358	-43,358
20-Jan-20	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	-18,071	-18,071
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	132	132
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	822	822
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt sell	4.72	AUD	ORD	-3,603	-3,603
21-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.72	AUD	ORD	2,274	2,274
21-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72	AUD	ORD	115,898	115,898
21-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	498	498
21-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,264	6,264
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,468	15,468
22-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	274,086	274,086
22-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.75	AUD	ORD	83,368	83,368
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	13,810	13,810
22-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	20,450	20,450
22-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	4,105	4,105
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	7,220	7,220
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	4,146	4,146
22-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	10,166	10,166
22-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	7,644	7,644
22-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	106,466	106,466
22-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.75	AUD	ORD	6,551	6,551

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
22-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.75	AUD	ORD	29,497	29,497
22-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.75	AUD	ORD	42,164	42,164
22-Jan-20	BLACKROCK ADVISORS, LLC	on mkt buy	4.75	AUD	ORD	45,758	45,758
22-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	59,196	59,196
22-Jan-20	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	AUD	ORD	26,070	26,070
22-Jan-20	BlackRock Advisors (UK) Limited	on mkt buy	4.75	AUD	ORD	34,900	34,900
22-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	4,727	4,727
22-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	5,193	5,193
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	2,515	2,515
22-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.75	AUD	ORD	2,764	2,764
22-Jan-20	BlackRock Japan Co., Ltd.	on mkt buy	4.75	AUD	ORD	3,225	3,225
22-Jan-20	BlackRock Investment Management, LLC	on mkt buy	4.75	AUD	ORD	1,162	1,162
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	1,521	1,521
22-Jan-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.75	AUD	ORD	9,229	9,229
22-Jan-20	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	AUD	ORD	3,884	3,884
22-Jan-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	AUD	ORD	45,640	45,640
22-Jan-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	337,483	337,483
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,380	-16,380
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,420	8,420
22-Jan-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,495	10,495
22-Jan-20	BlackRock (Netherlands) B.V.	in specie	n/a	AUD	ORD	-32,119	-32,119

24-Jan-20

Date

Maria Tricarico,  
Authorised Signatory

4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	105,074	105,074	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	KAS-KAS BANK - AMSTERDAM		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	409,402	409,402	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	278,966	278,966	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	3,249	3,249	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock 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 2,517,348	2,517,348	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 2,160,636	2,160,636	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 228,973	228,973	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 4,986,262	4,986,262	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 38,574	38,574	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 60,367	60,367	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 281,983	281,983	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 804,489	804,489	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 1,171,712	1,171,712	Subsidiary of BlackRock, Inc.



Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock 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 426,661	426,661	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 7,453	7,453	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 1,044,949	1,044,949	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 18,129	18,129	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 90,500	90,500	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 362,493	362,493	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 7,795	7,795	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 25,979	25,979	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 2,733	2,733	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BLACKROCK FINANCIAL MANAGEMENT, INC.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	49,099	49,099	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	130,150	130,150	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	22,757	22,757	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	201,612	201,612	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	Mitsubishi UFJ Investor Services & Banking Lux S.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	13,059	13,059	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,540	21,540	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	356,360	356,360	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	SSB-STATE STREET BANK & TRUST TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	19,135	19,135	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	358,037	358,037	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Fund Advisors	SSB-STATE STREET 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 86,499	86,499	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 30,078,750	30,078,750	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 2,428,615	2,428,615	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 54,542	54,542	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 32,166	32,166	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 29,116,798	29,116,798	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 368,237	368,237	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 668,789	668,789	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 118,558	118,558	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,934	5,934	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	74,250	74,250	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	267,687	267,687	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	779,176	779,176	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,596,247	2,596,247	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,058,381	1,058,381	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	5,382,336	5,382,336	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	1,786,871	1,786,871	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET SINGAPORE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	98,004	98,004	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	1,096,861	1,096,861	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LUX		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,107	8,107	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	42,705	42,705	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	1,718,889	1,718,889	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	938,933	938,933	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	575,070	575,070	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	1,000,273	1,000,273	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	2,204,335	2,204,335	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	2,488,146	2,488,146	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	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	107,433	107,433	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	65,380	65,380	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	541,286	541,286	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) 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	337,483	337,483	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	61,761	61,761	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	1,993,914	1,993,914	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	126,191	126,191	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	91,552	91,552	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	472,645	472,645	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	SSB-State Street Bank 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	66,057	66,057	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	138,298	138,298	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	1,081,564	1,081,564	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	80,919	80,919	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,303,459	3,303,459	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	1,217,672	1,217,672	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,192,551	1,192,551	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	38,730	38,730	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	224,176	224,176	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	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	62,622	62,622	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	43,955	43,955	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	30,883	30,883	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	1,442,055	1,442,055	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	325,641	325,641	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUI-SUMITOMO TRUST		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	56,259	56,259	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	33,805	33,805	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ORD	158,617	158,617	Subsidiary of BlackRock, Inc.



Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	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	1,080,413	1,080,413	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	6,142,348	6,142,348	Subsidiary of BlackRock, Inc.

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

Maria Tricarico,  
Authorised Signatory

24-Jan-20  
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)