

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme ORICA LIMITED

ACN/ARSN 004 145 868

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 12 / 03 / 2019

The previous notice was given to the company on 19 / 10 / 2018

The previous notice was dated 17 / 10 / 2018

2. Previous and present voting power

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

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ord	19,019,422	5.01	22,871,889	6.01

3. Changes in relevant interests

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

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

4. Present relevant interests

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

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

5. Changes in association

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

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

6. Addresses

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

Name	Address
Annexure C	

Signature

print name Maria Tricarico

capacity *Authorised Signatory

sign here

date 14 / 03 / 2019

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

DIRECTIONS

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

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

This is Annexure A of 27 pages referred to in form 604 Notice of change of interests of substantial shareholder

14-Mar-19

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

ORICA LTD (ORI)							
Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
18-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.69	AUD	ORD	572	572
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	992	992
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	926	926
18-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-926	-926
18-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,596	-2,596
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	2,596	2,596
19-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.86	AUD	ORD	6,062	6,062
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.86	AUD	ORD	104	104
22-Oct-18	BlackRock Investment Management, LLC	on mkt buy	16.68	AUD	ORD	1,692	1,692
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.85	AUD	ORD	834	834
22-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.85	AUD	ORD	1,057	1,057
22-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.85	AUD	ORD	6,302	6,302
22-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,203	1,203
23-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	16.76	AUD	ORD	-14,106	-14,106
23-Oct-18	BlackRock Fund Advisors	on mkt buy	16.76	AUD	ORD	11,998	11,998
23-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.76	AUD	ORD	2,747	2,747
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.76	AUD	ORD	1,694	1,694
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.89	AUD	ORD	40,050	40,050
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.89	AUD	ORD	18,714	18,714
24-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.89	AUD	ORD	40,411	40,411
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	16.88	AUD	ORD	-834	-834
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.88	AUD	ORD	858	858
24-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.88	AUD	ORD	2,373	2,373
24-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,031	-3,031
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.44	AUD	ORD	1,696	1,696
25-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.44	AUD	ORD	1,668	1,668
25-Oct-18	BlackRock Advisors, LLC	on mkt sell	16.44	AUD	ORD	-316	-316
25-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	16.44	AUD	ORD	-2,357	-2,357
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,274	-1,274
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,240	1,240
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	17,388	17,388
25-Oct-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-17,388	-17,388
25-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	998	998
26-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,028	-5,028
26-Oct-18	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	5,028	5,028
26-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.44	AUD	ORD	16,436	16,436
26-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.44	AUD	ORD	13,812	13,812
26-Oct-18	BlackRock Fund Advisors	on mkt buy	16.44	AUD	ORD	13,023	13,023
26-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.44	AUD	ORD	1,087	1,087
26-Oct-18	BlackRock Financial Management, Inc.	on mkt buy	16.44	AUD	ORD	966	966
26-Oct-18	BlackRock Fund Advisors	on mkt buy	16.44	AUD	ORD	67	67

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	16.74	AUD	ORD	-861	-861
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	16.74	AUD	ORD	1,573	1,573
29-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.74	AUD	ORD	2,969	2,969
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-637	-637
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,046	2,046
30-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.00	AUD	ORD	7,328	7,328
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.19	AUD	ORD	9,124	9,124
31-Oct-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.19	AUD	ORD	21,433	21,433
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	17.16	AUD	ORD	429	429
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	17.16	AUD	ORD	-1,220	-1,220
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	17.16	AUD	ORD	7,169	7,169
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.16	AUD	ORD	27,285	27,285
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.16	AUD	ORD	16,051	16,051
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,274	-1,274
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,604	2,604
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,325	-7,325
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	812	812
01-Nov-18	BlackRock (Singapore) Limited	in specie	n/a	AUD	ORD	2,326	2,326
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	16.65	AUD	ORD	-52,393	-52,393
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	16.65	AUD	ORD	715	715
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	16.65	AUD	ORD	784	784
01-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.65	AUD	ORD	7,844	7,844
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,031	-3,031
01-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-11,112	-11,112
02-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.72	AUD	ORD	3,897	3,897
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.72	AUD	ORD	848	848
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.72	AUD	ORD	-366	-366
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.72	AUD	ORD	-8,784	-8,784
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.72	AUD	ORD	-1,670	-1,670
02-Nov-18	BlackRock Fund Advisors	on mkt buy	17.72	AUD	ORD	2,242	2,242
02-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.72	AUD	ORD	892	892
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,488	1,488
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	998	998
02-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	33,047	33,047
05-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.82	AUD	ORD	-516	-516
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,856	2,856
05-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	226	226
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.04	AUD	ORD	-15,204	-15,204
06-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.04	AUD	ORD	1,001	1,001
06-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-35,030	-35,030
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.11	AUD	ORD	46,844	46,844
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.11	AUD	ORD	13,429	13,429
07-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.11	AUD	ORD	29,926	29,926
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	850	850
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	580	580
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.15	AUD	ORD	-257	-257
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	580	580
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,680	1,680
07-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	18.04	AUD	ORD	-224,452	-224,452
07-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,376	-1,376
07-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	998	998
08-Nov-18	BlackRock Asset Management Canada Limited	on mkt buy	18.23	AUD	ORD	373	373
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.35	AUD	ORD	-2,562	-2,562
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.35	AUD	ORD	840	840
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.35	AUD	ORD	2,592	2,592

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
08-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.35	AUD	ORD	2,707	2,707
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,380	2,380
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,996	1,996
08-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-19,536	-19,536
09-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.47	AUD	ORD	290	290
09-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.47	AUD	ORD	45,690	45,690
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-637	-637
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,428	1,428
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,840	1,840
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	920	920
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	422	422
09-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,390	-4,390
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	14,031	14,031
09-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	12,617	12,617
12-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	18.37	AUD	ORD	29,094	29,094
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.37	AUD	ORD	-2,580	-2,580
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	18.37	AUD	ORD	841	841
12-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	18.37	AUD	ORD	-1,668	-1,668
12-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,031	-3,031
13-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.89	AUD	ORD	11,590	11,590
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.87	AUD	ORD	841	841
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.87	AUD	ORD	1,001	1,001
13-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,968	3,968
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	3,484	3,484
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	16,250	16,250
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	2,249	2,249
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	16,344	16,344
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	10,670	10,670
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	7,113	7,113
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.81	AUD	ORD	14,226	14,226
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	6,191	6,191
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	28,879	28,879
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	3,999	3,999
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	29,047	29,047
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	18,962	18,962
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	12,640	12,640
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	25,282	25,282
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	1,862	1,862
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	8,686	8,686
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	1,202	1,202
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	8,737	8,737
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	5,704	5,704
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	3,802	3,802
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	7,605	7,605

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	3,716	3,716
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	17,326	17,326
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	2,400	2,400
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	17,426	17,426
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	11,377	11,377
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	7,586	7,586
14-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.43	AUD	ORD	15,169	15,169
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.44	AUD	ORD	-2,589	-2,589
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.44	AUD	ORD	841	841
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.44	AUD	ORD	1,430	1,430
14-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,808	3,808
14-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,376	1,376
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.46	AUD	ORD	11,778	11,778
15-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	3,897	3,897
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.51	AUD	ORD	-560	-560
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.51	AUD	ORD	838	838
15-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.51	AUD	ORD	-2,844	-2,844
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,856	2,856
16-Nov-18	BlackRock Financial Management, Inc.	on mkt sell	17.71	AUD	ORD	-2,802	-2,802
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.71	AUD	ORD	528	528
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.71	AUD	ORD	52	52
16-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.71	AUD	ORD	-1,649	-1,649
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,392	2,392
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
16-Nov-18	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	5,630	5,630
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,630	-5,630
19-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-4,349	-4,349
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.58	AUD	ORD	-1,730	-1,730
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	920	920
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,080	2,080
19-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	250,042	250,042
20-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.46	AUD	ORD	1,944	1,944
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	1,668	1,668
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	842	842
20-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	151	151
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,040	1,040
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	339	339
20-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-250,042	-250,042
21-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.36	AUD	ORD	46,158	46,158
21-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,053	1,053
21-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-9,788	-9,788
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-7,388	-7,388
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-4,246	-4,246
21-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	140,000	140,000
22-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.41	AUD	ORD	4,757	4,757
22-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	72,345	72,345
22-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,000	-18,000
23-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,332	3,332
23-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-14,777	-14,777
23-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-72,343	-72,343
23-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	131,248	131,248
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.48	AUD	ORD	-1,116	-1,116
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.48	AUD	ORD	-1,430	-1,430
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.48	AUD	ORD	117	117

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26-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.48	AUD	ORD	-496	-496
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.48	AUD	ORD	24,839	24,839
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.48	AUD	ORD	753	753
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	802	802
26-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,512	8,512
26-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	66,154	66,154
26-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-171,248	-171,248
27-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	17.63	AUD	ORD	-2,753	-2,753
27-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.70	AUD	ORD	4,330	4,330
27-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.70	AUD	ORD	-864	-864
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.70	AUD	ORD	-9,642	-9,642
27-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.70	AUD	ORD	-1,246	-1,246
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	736	736
27-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-12,369	-12,369
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	17.73	AUD	ORD	-11,912	-11,912
28-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.75	AUD	ORD	45,178	45,178
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.74	AUD	ORD	700	700
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,748	1,748
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	802	802
28-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4	-4
29-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt sell	17.72	AUD	ORD	-5,539	-5,539
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.72	AUD	ORD	2,502	2,502
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.72	AUD	ORD	-704	-704
29-Nov-18	BlackRock Advisors, LLC	on mkt sell	17.72	AUD	ORD	-33,571	-33,571
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,856	2,856
29-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,000	-8,000
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	17.52	AUD	ORD	135,479	135,479
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	17.50	AUD	ORD	337	337
30-Nov-18	BlackRock Japan Co., Ltd.	on mkt buy	17.50	AUD	ORD	1,014	1,014
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	1,480	1,480
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	4,437	4,437
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.50	AUD	ORD	-2,936	-2,936
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.50	AUD	ORD	2,326	2,326
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.50	AUD	ORD	775	775
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	17.50	AUD	ORD	-2,836	-2,836
30-Nov-18	BlackRock Fund Advisors	on mkt buy	17.50	AUD	ORD	10,987	10,987
30-Nov-18	BlackRock Fund Advisors	on mkt buy	17.50	AUD	ORD	32,941	32,941
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	3,025	3,025
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	9,066	9,066
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	762	762
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	2,293	2,293
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	545	545
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	17.50	AUD	ORD	1,639	1,639
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	17.50	AUD	ORD	-965	-965
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.50	AUD	ORD	544	544
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.50	AUD	ORD	1,634	1,634
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.50	AUD	ORD	-7,530	-7,530
30-Nov-18	BlackRock Investment Management, LLC	on mkt sell	17.50	AUD	ORD	-807	-807
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	17.50	AUD	ORD	196	196
30-Nov-18	BlackRock Investment Management, LLC	on mkt buy	17.50	AUD	ORD	593	593
30-Nov-18	BlackRock Financial Management, Inc.	on mkt buy	17.50	AUD	ORD	484	484

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30-Nov-18	BlackRock Financial Management, Inc.	on mkt buy	17.50	AUD	ORD	1,454	1,454
30-Nov-18	BlackRock Investment Management (UK) Limited	on mkt sell	17.50	AUD	ORD	-958	-958
30-Nov-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	44,012	44,012
30-Nov-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-74,000	-74,000
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt sell	17.90	AUD	ORD	-34,202	-34,202
03-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.98	AUD	ORD	22,176	22,176
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.87	AUD	ORD	2,015	2,015
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.80	AUD	ORD	145	145
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-832	-832
04-Dec-18	BlackRock Investment Management (UK) Limited	on mkt sell	17.80	AUD	ORD	-9,561	-9,561
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,618	2,618
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,720	3,720
04-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,102	1,102
05-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.45	AUD	ORD	21,374	21,374
06-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	346,563	346,563
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.37	AUD	ORD	-3,452	-3,452
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.37	AUD	ORD	5,291	5,291
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.37	AUD	ORD	1,152	1,152
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.37	AUD	ORD	1,544	1,544
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,570	3,570
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,256	4,256
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,010	1,010
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,102	1,102
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,768	13,768
06-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,935	4,935
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.31	AUD	ORD	2,835	2,835
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.31	AUD	ORD	-120	-120
07-Dec-18	BlackRock Fund Advisors	on mkt buy	17.31	AUD	ORD	2,720	2,720
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,570	3,570
07-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,480	2,480
07-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,533	-4,533
07-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	104,779	104,779
10-Dec-18	BlackRock Japan Co., Ltd.	on mkt buy	16.90	AUD	ORD	11,337	11,337
10-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.87	AUD	ORD	2,165	2,165
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.87	AUD	ORD	-2,586	-2,586
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.87	AUD	ORD	198	198
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.87	AUD	ORD	642	642
10-Dec-18	BlackRock Fund Advisors	on mkt buy	16.87	AUD	ORD	2,615	2,615
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,320	5,320
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	791	791
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,053	1,053
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,653	1,653
10-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	11,498	11,498
10-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	74,461	74,461
10-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3,595	3,595
10-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	130,977	130,977
10-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	56,366	56,366
10-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	76,655	76,655
11-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.88	AUD	ORD	4,330	4,330
11-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.88	AUD	ORD	1,664	1,664
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,856	2,856
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,653	1,653
11-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,085	-1,085
11-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	10,948	10,948
11-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-500	-500
11-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	16,342	16,342

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11-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,648	-4,648
11-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-9,270	-9,270
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.14	AUD	ORD	8,733	8,733
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.14	AUD	ORD	5,848	5,848
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.14	AUD	ORD	43,678	43,678
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.14	AUD	ORD	3,464	3,464
12-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.14	AUD	ORD	14,881	14,881
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.19	AUD	ORD	432	432
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.19	AUD	ORD	-492	-492
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,094	3,094
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,142	2,142
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,440	7,440
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,080	1,080
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	565	565
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	339	339
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,570	3,570
12-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-819	-819
12-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	87,492	87,492
12-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	127	127
12-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,122	-3,122
12-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,267	-1,267
12-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,919	4,919
13-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.94	AUD	ORD	3,630	3,630
13-Dec-18	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-7,189	-7,189
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,163	-5,163
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	6,022	6,022
13-Dec-18	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-6,022	-6,022
13-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1,009	1,009
13-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,368	6,368
13-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-26	-26
13-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,920	-4,920
13-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-105	-105
13-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,092	4,092
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.68	AUD	ORD	530	530
14-Dec-18	BlackRock Advisors, LLC	on mkt buy	16.68	AUD	ORD	1,329	1,329
14-Dec-18	BlackRock Financial Management, Inc.	on mkt buy	16.68	AUD	ORD	2,592	2,592
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.67	AUD	ORD	-3,440	-3,440
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.67	AUD	ORD	-2,190	-2,190
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.67	AUD	ORD	145	145
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.67	AUD	ORD	6,140	6,140
14-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	16.67	AUD	ORD	9,004	9,004
14-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	16.67	AUD	ORD	-2,063	-2,063
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,140	7,140
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,996	1,996
14-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,102	1,102
14-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,180	-1,180
14-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	291	291
14-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-24	-24

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14-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,207	6,207
14-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,406	-4,406
14-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-888	-888
17-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.25	AUD	ORD	-176	-176
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,142	2,142
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,200	6,200
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	744	744
17-Dec-18	BlackRock Advisors, LLC	on mkt sell	17.01	AUD	ORD	-1,275	-1,275
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,106	2,106
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,996	1,996
17-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	684	684
17-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-383,802	-383,802
17-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	203	203
17-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-8,294	-8,294
17-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,525	4,525
17-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,673	2,673
18-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.32	AUD	ORD	27,398	27,398
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.17	AUD	ORD	-6,041	-6,041
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.31	AUD	ORD	-1,029	-1,029
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.34	AUD	ORD	-882	-882
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	17.34	AUD	ORD	146	146
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.34	AUD	ORD	-123	-123
18-Dec-18	BlackRock Fund Advisors	on mkt sell	17.34	AUD	ORD	-14,880	-14,880
18-Dec-18	BlackRock Fund Advisors	on mkt sell	17.34	AUD	ORD	-8,232	-8,232
18-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.34	AUD	ORD	-1,680	-1,680
18-Dec-18	BlackRock Fund Advisors	on mkt sell	17.34	AUD	ORD	-18,603	-18,603
18-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,238	-18,238
18-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	146	146
18-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	383,207	383,207
18-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-96	-96
18-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,199	1,199
18-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,176	-2,176
18-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	902	902
19-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	17.47	AUD	ORD	7,191	7,191
19-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	105,530	105,530
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.45	AUD	ORD	-1,722	-1,722
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.45	AUD	ORD	-1,740	-1,740
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.45	AUD	ORD	-240	-240
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.45	AUD	ORD	-244	-244
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.45	AUD	ORD	-1,015	-1,015
19-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,274	-1,274
19-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,632	1,632
19-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-53	-53
19-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-284,360	-284,360
19-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	142,084	142,084
19-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-39	-39
19-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,267	2,267
19-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,007	-1,007
19-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,512	-1,512
20-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.08	AUD	ORD	58,034	58,034
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.92	AUD	ORD	-240	-240
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.92	AUD	ORD	-360	-360

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20-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	16.92	AUD	ORD	2,697	2,697
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.92	AUD	ORD	584	584
20-Dec-18	BlackRock (Netherlands) B.V.	on mkt buy	16.92	AUD	ORD	187	187
20-Dec-18	BlackRock Fund Advisors	on mkt buy	16.92	AUD	ORD	4,982	4,982
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.92	AUD	ORD	12,501	12,501
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.92	AUD	ORD	2,498	2,498
20-Dec-18	BlackRock (Netherlands) B.V.	on mkt buy	16.92	AUD	ORD	885	885
20-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	16.92	AUD	ORD	-7,201	-7,201
20-Dec-18	BlackRock Fund Advisors	on mkt buy	16.92	AUD	ORD	5,821	5,821
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.09	AUD	ORD	-2,622	-2,622
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,220	4,220
20-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,712	-6,712
20-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,772	-1,772
20-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,829	-1,829
20-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-142,084	-142,084
20-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-582	-582
20-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,103	-4,103
20-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	21,444	21,444
20-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-14,012	-14,012
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.56	AUD	ORD	27,404	27,404
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.56	AUD	ORD	4,404	4,404
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.58	AUD	ORD	-720	-720
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.58	AUD	ORD	-492	-492
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	16.58	AUD	ORD	-3,504	-3,504
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.58	AUD	ORD	52	52
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.58	AUD	ORD	6,602	6,602
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	16.58	AUD	ORD	33,301	33,301
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	16.58	AUD	ORD	51,348	51,348
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.58	AUD	ORD	11,941	11,941
21-Dec-18	BlackRock Investment Management (UK) Limited	on mkt buy	16.58	AUD	ORD	7,354	7,354
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.58	AUD	ORD	5,555	5,555
21-Dec-18	BlackRock Fund Advisors	on mkt sell	16.58	AUD	ORD	-45,864	-45,864
21-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	16.58	AUD	ORD	984	984
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	16.58	AUD	ORD	16,159	16,159
21-Dec-18	BlackRock Asset Management Canada Limited	on mkt buy	16.58	AUD	ORD	4,831	4,831
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.58	AUD	ORD	3,705	3,705
21-Dec-18	BlackRock Financial Management, Inc.	on mkt buy	16.58	AUD	ORD	7,033	7,033
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	16.58	AUD	ORD	4,414	4,414
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,856	2,856
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,800	5,800
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,035	1,035
21-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,739	-1,739
21-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-34,227	-34,227
21-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	97,682	97,682
21-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-593	-593
21-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	18,295	18,295
21-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,413	-3,413

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21-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-13,019	-13,019
24-Dec-18	BlackRock Fund Advisors	on mkt buy	16.83	AUD	ORD	2,625	2,625
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,140	7,140
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,232	2,232
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,088	1,088
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,176	2,176
24-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1,520	1,520
24-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	481	481
24-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	213,259	213,259
24-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	414	414
24-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-19,427	-19,427
24-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,438	6,438
24-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	10,574	10,574
25-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-8,209	-8,209
25-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-66,541	-66,541
25-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-310,941	-310,941
25-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,479	-2,479
25-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-135,422	-135,422
25-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-71,750	-71,750
25-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-61,115	-61,115
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,764	1,764
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,220	4,220
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,984	1,984
26-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,456	5,456
26-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	6,940	6,940
26-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,167	6,167
26-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	189,841	189,841
26-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,029	2,029
26-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	133,880	133,880
26-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	60,894	60,894
26-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	51,717	51,717
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.07	AUD	ORD	27,503	27,503
27-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	17.07	AUD	ORD	42,597	42,597
27-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	17.06	AUD	ORD	-32,538	-32,538
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,385	7,385
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,448	6,448
27-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	128	128
27-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,000	-4,000
27-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-189,841	-189,841
27-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-30	-30
27-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10,629	-10,629
27-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	14,999	14,999
27-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,613	-5,613
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.21	AUD	ORD	-372	-372
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.21	AUD	ORD	-853	-853
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.21	AUD	ORD	-853	-853
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.21	AUD	ORD	-292	-292
28-Dec-18	BlackRock Asset Management Canada Limited	on mkt sell	17.21	AUD	ORD	-732	-732
28-Dec-18	BlackRock Investment Management, LLC	on mkt buy	17.21	AUD	ORD	1,592	1,592
28-Dec-18	BlackRock Financial Management, Inc.	on mkt buy	17.21	AUD	ORD	50,166	50,166

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28-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-148	-148
28-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	89	89
28-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	78	78
28-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-16,254	-16,254
28-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,804	-18,804
28-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,498	1,498
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	1,187	1,187
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	-1,187	-1,187
31-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	17.25	AUD	ORD	-1,008	-1,008
31-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	17.25	AUD	ORD	2,752	2,752
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	904	904
31-Dec-18	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,064	5,064
31-Dec-18	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	186	186
31-Dec-18	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	116	116
31-Dec-18	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	48,243	48,243
31-Dec-18	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	91	91
31-Dec-18	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,350	2,350
31-Dec-18	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,262	-5,262
31-Dec-18	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,519	2,519
01-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1	1
01-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-48,243	-48,243
01-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	24	24
01-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-32	-32
01-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
01-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	11	11
02-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.90	AUD	ORD	21,576	21,576
02-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	16.90	AUD	ORD	56,594	56,594
02-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	16.90	AUD	ORD	147	147
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,944	6,944
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,988	-5,988
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,064	5,064
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,632	1,632
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,646	2,646
02-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-599	-599
02-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-165	-165
02-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	54,383	54,383
02-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-160	-160
02-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10,559	10,559
02-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,105	-4,105
02-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,532	-5,532
03-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.07	AUD	ORD	-2,975	-2,975
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.03	AUD	ORD	16,566	16,566
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.03	AUD	ORD	2,755	2,755
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.03	AUD	ORD	42,446	42,446
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.02	AUD	ORD	35,828	35,828
03-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.02	AUD	ORD	13,931	13,931

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03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,632	1,632
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,764	1,764
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	339	339
03-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-417	-417
03-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-132	-132
03-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-54,383	-54,383
03-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-156	-156
03-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	11,248	11,248
03-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,970	-6,970
03-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,572	-3,572
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	16.74	AUD	ORD	-1,090	-1,090
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	16.74	AUD	ORD	-584	-584
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.74	AUD	ORD	536	536
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	16.74	AUD	ORD	103,079	103,079
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,142	2,142
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,095	4,095
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,584	1,584
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	339	339
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,106	2,106
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,488	1,488
04-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	58	58
04-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	11	11
04-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-15	-15
04-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,784	-4,784
04-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	58,312	58,312
04-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-403	-403
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	16.97	AUD	ORD	-3,508	-3,508
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	16.97	AUD	ORD	348	348
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	16.97	AUD	ORD	-4,385	-4,385
07-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	207	207
07-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	10,494	10,494
07-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7	7
07-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,675	-1,675
07-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	886	886
07-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	550	550
07-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-155	-155
08-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.19	AUD	ORD	19,503	19,503
08-Jan-19	BlackRock Japan Co., Ltd.	on mkt sell	17.26	AUD	ORD	-2,022	-2,022
08-Jan-19	BlackRock Fund Advisors	on mkt sell	17.27	AUD	ORD	-9,450	-9,450
08-Jan-19	BlackRock Investment Management, LLC	on mkt sell	17.27	AUD	ORD	-1,445	-1,445
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,274	1,274
08-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	2,801	2,801
08-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	24	24
08-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	75,559	75,559
08-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	8	8
08-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,339	1,339
08-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-53,503	-53,503
08-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,548	-4,548
09-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.39	AUD	ORD	-3,670	-3,670
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.38	AUD	ORD	13,807	13,807

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09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.38	AUD	ORD	18,927	18,927
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.38	AUD	ORD	2,305	2,305
09-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.38	AUD	ORD	20,249	20,249
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.39	AUD	ORD	1,064	1,064
09-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.39	AUD	ORD	704	704
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,988	-5,988
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,988	-5,988
09-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-4,126	-4,126
09-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-9,427	-9,427
09-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	49,273	49,273
09-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	40	40
09-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-11,449	-11,449
09-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,815	5,815
09-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	9,194	9,194
10-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.39	AUD	ORD	12,155	12,155
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.42	AUD	ORD	354	354
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.42	AUD	ORD	177	177
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.41	AUD	ORD	1,776	1,776
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.42	AUD	ORD	294	294
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,404	1,404
10-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,836	-1,836
10-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-394	-394
10-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-121,719	-121,719
10-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	25	25
10-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,785	-3,785
10-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,380	3,380
10-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,210	2,210
11-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	33,363	33,363
11-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.37	AUD	ORD	681	681
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.30	AUD	ORD	888	888
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.30	AUD	ORD	853	853
11-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.30	AUD	ORD	7,229	7,229
11-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.30	AUD	ORD	1,684	1,684
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.30	AUD	ORD	842	842
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
11-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,480	-2,480
11-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-1,542	-1,542
11-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	429	429
11-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	58,794	58,794
11-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
11-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,906	1,906
11-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,514	-9,514
11-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	41,939	41,939
11-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	5,474	5,474
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,856	-2,856
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,448	-6,448
14-Jan-19	BlackRock Advisors, LLC	on mkt sell	17.28	AUD	ORD	-847	-847
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-791	-791
14-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	2,142	2,142
14-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	33,964	33,964
14-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	41,265	41,265
14-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,905	-1,905

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14-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	9,063	9,063
14-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,792	-40,792
14-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-8,827	-8,827
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.35	AUD	ORD	888	888
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.37	AUD	ORD	372	372
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,380	-2,380
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,664	-6,664
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,728	-2,728
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,736	-1,736
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,128	-10,128
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,330	-6,330
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,380	-2,380
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,770	-14,770
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,736	-1,736
15-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,841	-1,841
15-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-7,970	-7,970
15-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	59,094	59,094
15-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5	5
15-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,520	-1,520
15-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,436	4,436
15-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,297	-1,297
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.41	AUD	ORD	80	80
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.41	AUD	ORD	9,104	9,104
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.41	AUD	ORD	22,280	22,280
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.41	AUD	ORD	3,200	3,200
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.41	AUD	ORD	8,476	8,476
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-3,881	-3,881
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.45	AUD	ORD	146	146
16-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.45	AUD	ORD	15,333	15,333
16-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.45	AUD	ORD	-2,791	-2,791
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,428	-1,428
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,640	4,640
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,088	-1,088
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,624	-1,624
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-6,020	-6,020
16-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-226	-226
16-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-68,658	-68,658
16-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	9	9
16-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,391	-3,391
16-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-923	-923
16-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,689	4,689
17-Jan-19	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	2,686	2,686
17-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.54	AUD	ORD	10,976	10,976
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.55	AUD	ORD	4,445	4,445
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.53	AUD	ORD	3,267	3,267
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.53	AUD	ORD	372	372
17-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	17.53	AUD	ORD	1,562	1,562
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,092	1,092
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,600	-11,600
17-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	94	94

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17-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-15,541	-15,541
17-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-103,478	-103,478
17-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	10	10
17-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,917	-1,917
17-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,203	2,203
17-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-833	-833
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.58	AUD	ORD	382	382
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.58	AUD	ORD	249	249
18-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.58	AUD	ORD	2,958	2,958
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.58	AUD	ORD	981	981
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.58	AUD	ORD	886	886
18-Jan-19	BlackRock Advisors, LLC	on mkt buy	17.58	AUD	ORD	2,112	2,112
18-Jan-19	BlackRock International Limited	on mkt buy	17.58	AUD	ORD	627	627
18-Jan-19	BlackRock Financial Management, Inc.	on mkt buy	17.58	AUD	ORD	565	565
18-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.58	AUD	ORD	772	772
18-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.51	AUD	ORD	9,721	9,721
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,428	-1,428
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,380	-2,380
18-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-450	-450
18-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-286	-286
18-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-36	-36
18-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	8,363	8,363
18-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,579	-5,579
18-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,345	-3,345
21-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.48	AUD	ORD	760	760
21-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.48	AUD	ORD	702	702
21-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.47	AUD	ORD	2,562	2,562
21-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	217	217
21-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,576	1,576
21-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	27	27
21-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,294	-7,294
21-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	29,704	29,704
21-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,165	1,165
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.46	AUD	ORD	-29,526	-29,526
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.47	AUD	ORD	218	218
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.47	AUD	ORD	890	890
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.47	AUD	ORD	177	177
22-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.47	AUD	ORD	8,133	8,133
22-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.47	AUD	ORD	3,856	3,856
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,618	-2,618
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,232	-2,232
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,632	-1,632
22-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,436	-2,436
22-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	159	159
22-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,041	1,041
22-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	12	12
22-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,641	-7,641

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22-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-20,806	-20,806
22-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,841	1,841
23-Jan-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.38	AUD	ORD	-1,674	-1,674
23-Jan-19	BlackRock Fund Advisors	on mkt sell	17.34	AUD	ORD	-7,939	-7,939
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.34	AUD	ORD	5,170	5,170
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.34	AUD	ORD	14,795	14,795
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.34	AUD	ORD	1,727	1,727
23-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.34	AUD	ORD	16,741	16,741
23-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.40	AUD	ORD	218	218
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.40	AUD	ORD	166	166
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.40	AUD	ORD	-6,026	-6,026
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.40	AUD	ORD	1,367	1,367
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,808	-3,808
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,380	-2,380
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,736	-1,736
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,480	-2,480
23-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,088	-1,088
23-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	60	60
23-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,187	-1,187
23-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-12	-12
23-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,594	1,594
23-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-308	-308
23-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-147	-147
23-Jan-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-25,922	-25,922
24-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.26	AUD	ORD	414	414
24-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.24	AUD	ORD	-8,921	-8,921
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.27	AUD	ORD	888	888
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,379	-1,379
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,220	-5,220
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,610	-2,610
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-452	-452
24-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,828	2,828
24-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	84	84
24-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	272	272
24-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	106,273	106,273
24-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	42,053	42,053
24-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	20,793	20,793
24-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,210	1,210
25-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.42	AUD	ORD	407	407
25-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.44	AUD	ORD	2,598	2,598
25-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-490	-490
25-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6	6
25-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
25-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	14,396	14,396
25-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	18,908	18,908
25-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,774	-2,774

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25-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,431	-1,431
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,428	-1,428
28-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,240	-1,240
28-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-1,566	-1,566
28-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,921	1,921
28-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3	-3
28-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3,960	3,960
28-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,042	2,042
28-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,371	-3,371
28-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,986	-2,986
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.33	AUD	ORD	6,379	6,379
29-Jan-19	BlackRock Financial Management, Inc.	on mkt sell	17.29	AUD	ORD	-9,176	-9,176
29-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.33	AUD	ORD	6,928	6,928
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,380	-2,380
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,618	-2,618
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,240	-1,240
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,984	-1,984
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,624	-1,624
29-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	1,619	1,619
29-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,730	1,730
29-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-124,633	-124,633
29-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-61,636	-61,636
29-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-17,268	-17,268
29-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	888	888
30-Jan-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.35	AUD	ORD	10,561	10,561
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-714	-714
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-788	-788
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,988	5,988
30-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-3,199	-3,199
30-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-943	-943
30-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-68	-68
30-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	34,329	34,329
30-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,107	-18,107
30-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-12,014	-12,014
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.15	AUD	ORD	356	356
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	17.15	AUD	ORD	-3,416	-3,416
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.15	AUD	ORD	846	846
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	17.15	AUD	ORD	248	248
31-Jan-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.15	AUD	ORD	46,202	46,202
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,904	-1,904
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,488	-1,488
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-140	-140
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,988	5,988
31-Jan-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-7,386	-7,386
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	7,386	7,386
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,609	-5,609
31-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,609	5,609
31-Jan-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-2	-2
31-Jan-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-359	-359
31-Jan-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	417,287	417,287

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31-Jan-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	7	7
31-Jan-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-931	-931
31-Jan-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	604	604
31-Jan-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	681	681
01-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.34	AUD	ORD	2,310	2,310
01-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.34	AUD	ORD	-3,349	-3,349
01-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,088	-1,088
01-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	681	681
01-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,166	-1,166
01-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,837	6,837
01-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-31	-31
01-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10,575	10,575
01-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,891	-5,891
01-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,169	-4,169
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.35	AUD	ORD	288	288
04-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.35	AUD	ORD	496	496
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,550	-10,550
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-812	-812
04-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,720	-2,720
04-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-672	-672
04-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	329	329
04-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9,292	9,292
04-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	34	34
04-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-12,413	-12,413
04-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	7,618	7,618
04-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	5,105	5,105
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-339	-339
05-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-32	-32
05-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-726	-726
05-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,759	1,759
05-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-38	-38
05-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-38,372	-38,372
05-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	43,936	43,936
05-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,768	-4,768
05-Feb-19	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	-1,186	-1,186
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.94	AUD	ORD	1,601	1,601
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.94	AUD	ORD	5,503	5,503
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.94	AUD	ORD	33,839	33,839
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.94	AUD	ORD	9,381	9,381
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.94	AUD	ORD	16,888	16,888
06-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.90	AUD	ORD	317	317
06-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	17.90	AUD	ORD	-57	-57
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-339	-339
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,376	3,376
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,128	10,128
06-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,752	6,752
06-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-18	-18
06-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-472	-472

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06-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,719	-62,719
06-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-18	-18
06-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	10,248	10,248
06-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-7,270	-7,270
06-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,470	-2,470
07-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.11	AUD	ORD	317	317
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	18.11	AUD	ORD	160	160
07-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	18.11	AUD	ORD	-840	-840
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,128	10,128
07-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	9	9
07-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	215	215
07-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-372,456	-372,456
07-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	8	8
07-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,309	-6,309
07-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,830	4,830
07-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,248	1,248
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	18.21	AUD	ORD	-160	-160
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	18.21	AUD	ORD	-1,095	-1,095
08-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-28	-28
08-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	37,163	37,163
08-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-18	-18
08-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,795	-3,795
08-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,235	6,235
08-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,930	-1,930
11-Feb-19	BlackRock Investment Management (UK) Limited	on mkt sell	18.24	AUD	ORD	-20,784	-20,784
11-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.94	AUD	ORD	19,783	19,783
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.94	AUD	ORD	11,283	11,283
11-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,720	-3,720
11-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,472	-3,472
11-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	20	20
11-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-18,579	-18,579
11-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-11	-11
11-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	5,221	5,221
11-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,565	-3,565
11-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,365	-1,365
12-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	1,860	1,860
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,380	-2,380
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,275	-5,275
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,808	2,808
12-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-55	-55
12-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-19,250	-19,250
12-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,921	3,921
12-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,451	-3,451
12-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-512	-512
13-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-115,626	-115,626
13-Feb-19	BlackRock Fund Advisors	on mkt buy	18.27	AUD	ORD	37,140	37,140
13-Feb-19	BlackRock Fund Advisors	on mkt buy	18.27	AUD	ORD	2,060	2,060
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	37,064	37,064

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13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	36,743	36,743
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	23,502	23,502
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	31,610	31,610
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	16,001	16,001
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.16	AUD	ORD	4,155	4,155
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	18.14	AUD	ORD	5,340	5,340
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	18.14	AUD	ORD	-119	-119
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.14	AUD	ORD	1,663	1,663
13-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.14	AUD	ORD	1,832	1,832
13-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.14	AUD	ORD	35,952	35,952
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,500	-1,500
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,632	-1,632
13-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,624	-1,624
13-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	27	27
13-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	233	233
13-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5,073	5,073
13-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,370	-1,370
13-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	203,681	203,681
13-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	943	943
14-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.07	AUD	ORD	49,634	49,634
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	18.07	AUD	ORD	165	165
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,215	-1,215
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,200	-1,200
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,100	-2,100
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-339	-339
14-Feb-19	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	3,597	3,597
14-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	63	63
14-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	171	171
14-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	196,687	196,687
14-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-5,142	-5,142
14-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,166	-3,166
14-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-200,789	-200,789
14-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	275	275
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	18.09	AUD	ORD	-3,412	-3,412
15-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	18.13	AUD	ORD	15,576	15,576
15-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	18.20	AUD	ORD	735	735
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-3,240	-3,240
15-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-126	-126
15-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-841	-841
15-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	32,373	32,373
15-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	57	57
15-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-17,617	-17,617
15-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	22,177	22,177
15-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,650	-3,650
18-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,123	-4,123
18-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	31	31
18-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,477	1,477
18-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	33,181	33,181

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18-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-79	-79
18-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	17,136	17,136
18-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-27,183	-27,183
18-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	8,617	8,617
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	18.16	AUD	ORD	1,782	1,782
19-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-8,792	-8,792
19-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	29	29
19-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	776	776
19-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-262,241	-262,241
19-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	7	7
19-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	14,979	14,979
19-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	17,481	17,481
19-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,690	1,690
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	6,065	6,065
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	28,686	28,686
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	3,575	3,575
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	28,687	28,687
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	18,576	18,576
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	12,250	12,250
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	24,769	24,769
20-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	18.04	AUD	ORD	959	959
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	18.11	AUD	ORD	3,601	3,601
20-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-5,890	-5,890
20-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	18.05	AUD	ORD	12,452	12,452
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	7,367	7,367
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	34,840	34,840
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	4,344	4,344
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	34,841	34,841
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	22,562	22,562
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	14,880	14,880
20-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.04	AUD	ORD	30,082	30,082
20-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	18.04	AUD	ORD	1,084	1,084
20-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	3	3
20-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-243	-243
20-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
20-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,765	-1,765
20-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-59,169	-59,169
20-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,333	1,333
21-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.86	AUD	ORD	48,952	48,952
21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.78	AUD	ORD	165	165

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21-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.84	AUD	ORD	1,782	1,782
21-Feb-19	BlackRock Investment Management, LLC	on mkt sell	17.78	AUD	ORD	-5,022	-5,022
21-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,275	-5,275
21-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-12	-12
21-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-521	-521
21-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,120	1,120
21-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,897	4,897
21-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,357	-3,357
21-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,127	-2,127
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	17.80	AUD	ORD	-3,408	-3,408
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.80	AUD	ORD	847	847
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.80	AUD	ORD	892	892
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,090	6,090
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,605	-11,605
22-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	342	342
22-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-152	-152
22-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,126	-1,126
22-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,513	1,513
22-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-758	-758
22-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	182	182
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	17.68	AUD	ORD	-161	-161
25-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.68	AUD	ORD	8,028	8,028
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.68	AUD	ORD	10,840	10,840
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,960	6,960
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,752	-6,752
25-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	52	52
25-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	343	343
25-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	267,977	267,977
25-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6	6
25-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,069	-6,069
25-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,618	2,618
25-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	3,049	3,049
26-Feb-19	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	35,419	35,419
26-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.56	AUD	ORD	23,991	23,991
26-Feb-19	BlackRock Advisors, LLC	on mkt buy	17.56	AUD	ORD	2,718	2,718
26-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	17.56	AUD	ORD	6,105	6,105
26-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	17.56	AUD	ORD	2,042	2,042
26-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.56	AUD	ORD	3,952	3,952
26-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.56	AUD	ORD	4,872	4,872
26-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	17.56	AUD	ORD	1,364	1,364
26-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.56	AUD	ORD	2,390	2,390
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,088	-1,088
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,088	-1,088
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-565	-565
26-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,440	-8,440
26-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-31	-31
26-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-90	-90
26-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,366	1,366
26-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3	-3

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26-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,065	2,065
26-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	974	974
26-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,915	-2,915
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.69	AUD	ORD	7,435	7,435
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.69	AUD	ORD	19,570	19,570
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.69	AUD	ORD	29,571	29,571
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.69	AUD	ORD	19,739	19,739
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.69	AUD	ORD	39,481	39,481
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.73	AUD	ORD	1,041	1,041
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.75	AUD	ORD	3,804	3,804
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.75	AUD	ORD	847	847
27-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.75	AUD	ORD	1,268	1,268
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.75	AUD	ORD	2,614	2,614
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,673	-2,673
27-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,220	-4,220
27-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	711	711
27-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-169	-169
27-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	119,782	119,782
27-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	468	468
27-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	7,540	7,540
27-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,576	-8,576
27-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	26	26
28-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.63	AUD	ORD	20,402	20,402
28-Feb-19	BlackRock Advisors, LLC	on mkt buy	17.63	AUD	ORD	2,106	2,106
28-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	17.63	AUD	ORD	8,551	8,551
28-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	17.63	AUD	ORD	2,909	2,909
28-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	17.63	AUD	ORD	2,568	2,568
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	7,370	7,370
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	1,795	1,795
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	7,355	7,355
28-Feb-19	BlackRock Financial Management, Inc.	on mkt buy	17.63	AUD	ORD	884	884
28-Feb-19	BlackRock Asset Management Canada Limited	on mkt buy	17.63	AUD	ORD	1,959	1,959
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	4,849	4,849
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	3,173	3,173
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.63	AUD	ORD	838	838
28-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.65	AUD	ORD	-6,017	-6,017
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.65	AUD	ORD	74,044	74,044
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	17.65	AUD	ORD	-9,084	-9,084
28-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	17.65	AUD	ORD	149	149
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.65	AUD	ORD	2,051	2,051
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	17.65	AUD	ORD	-50,508	-50,508

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-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.65	AUD	ORD	1,999	1,999
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	17.65	AUD	ORD	-1,074	-1,074
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.65	AUD	ORD	6,694	6,694
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.65	AUD	ORD	24,683	24,683
28-Feb-19	BlackRock Japan Co., Ltd.	on mkt buy	17.65	AUD	ORD	49	49
28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.65	AUD	ORD	682	682
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	17.65	AUD	ORD	665	665
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.65	AUD	ORD	2,233	2,233
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,275	-5,275
28-Feb-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-812	-812
28-Feb-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-253	-253
28-Feb-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	562	562
28-Feb-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-50,370	-50,370
28-Feb-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-518	-518
28-Feb-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9,379	-9,379
28-Feb-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6,679	6,679
28-Feb-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,908	2,908
01-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.65	AUD	ORD	359	359
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.64	AUD	ORD	1,093	1,093
01-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-5	-5
01-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-21	-21
01-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-72,900	-72,900
01-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	624	624
01-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,697	-1,697
01-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,099	1,099
04-Mar-19	BlackRock Investment Management (UK) Limited	on mkt sell	17.74	AUD	ORD	-2,918	-2,918
04-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.65	AUD	ORD	177	177
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.66	AUD	ORD	883	883
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.63	AUD	ORD	-1,144	-1,144
04-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.63	AUD	ORD	-286	-286
04-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,165	-3,165
04-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	31	31
04-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	366	366
04-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-265,855	-265,855
04-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,065	1,065
04-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,949	-2,949
04-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	989	989
04-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	498	498
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	17.68	AUD	ORD	1,470	1,470
05-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	17.68	AUD	ORD	8,397	8,397
05-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	17.68	AUD	ORD	2,900	2,900
05-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	17.68	AUD	ORD	2,733	2,733
05-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.68	AUD	ORD	7,420	7,420
05-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	17.71	AUD	ORD	518	518
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.68	AUD	ORD	852	852
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	17.68	AUD	ORD	1,963	1,963
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	17.68	AUD	ORD	1,165	1,165
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	17.68	AUD	ORD	1,335	1,335
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	17.68	AUD	ORD	1,215	1,215
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	17.68	AUD	ORD	1,020	1,020

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
05-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	17.68	AUD	ORD	847	847
05-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	17.68	AUD	ORD	801	801
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.67	AUD	ORD	8,840	8,840
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.67	AUD	ORD	330	330
05-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.67	AUD	ORD	4,473	4,473
05-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,994	2,994
05-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-124	-124
05-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-946	-946
05-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	423,767	423,767
05-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,877	1,877
05-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	12,527	12,527
05-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,314	-8,314
05-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,019	-5,019
06-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	18.00	AUD	ORD	10,538	10,538
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.05	AUD	ORD	40,027	40,027
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.03	AUD	ORD	26,298	26,298
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.03	AUD	ORD	223	223
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.05	AUD	ORD	14,347	14,347
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.05	AUD	ORD	2,085	2,085
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.05	AUD	ORD	32,936	32,936
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.05	AUD	ORD	4,271	4,271
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.05	AUD	ORD	1,803	1,803
06-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.05	AUD	ORD	1,882	1,882
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.03	AUD	ORD	4,435	4,435
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	18.03	AUD	ORD	-869	-869
06-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.03	AUD	ORD	5,075	5,075
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,410	8,410
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,110	-2,110
06-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-69	-69
06-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-440	-440
06-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-68,364	-68,364
06-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-422	-422
06-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,738	6,738
06-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,353	-3,353
06-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,455	-2,455
07-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.25	AUD	ORD	15,850	15,850
07-Mar-19	BlackRock Advisors, LLC	on mkt buy	18.25	AUD	ORD	2,037	2,037
07-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	18.25	AUD	ORD	7,223	7,223
07-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	18.25	AUD	ORD	2,444	2,444
07-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	18.25	AUD	ORD	2,882	2,882
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.25	AUD	ORD	3,937	3,937
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.25	AUD	ORD	1,669	1,669
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.25	AUD	ORD	6,147	6,147

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07-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	18.25	AUD	ORD	1,240	1,240
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.25	AUD	ORD	2,875	2,875
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.25	AUD	ORD	3,377	3,377
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.24	AUD	ORD	1,040	1,040
07-Mar-19	BlackRock Investment Management (UK) Limited	on mkt buy	18.24	AUD	ORD	3,348	3,348
07-Mar-19	BlackRock Investment Management, LLC	on mkt buy	18.24	AUD	ORD	1,098	1,098
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,988	5,988
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,624	-1,624
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,128	-10,128
07-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	123	123
07-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	770	770
07-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-191,900	-191,900
07-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,551	-1,551
07-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-8,174	-8,174
07-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,524	4,524
07-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,308	4,308
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.99	AUD	ORD	1,404	1,404
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.99	AUD	ORD	-5,376	-5,376
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.99	AUD	ORD	54	54
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.99	AUD	ORD	-6,083	-6,083
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.99	AUD	ORD	972	972
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.99	AUD	ORD	363	363
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.99	AUD	ORD	-572	-572
08-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	17.99	AUD	ORD	-3,408	-3,408
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,510	5,510
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,376	-3,376
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,994	2,994
08-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	30	30
08-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-34	-34
08-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	109,280	109,280
08-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-969	-969
08-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-355	-355
08-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,241	1,241
08-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	87	87
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.85	AUD	ORD	-5,370	-5,370
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	17.85	AUD	ORD	-2,685	-2,685
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	17.85	AUD	ORD	844	844
11-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	17.85	AUD	ORD	11,377	11,377
11-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,988	5,988
11-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	-564	-564
11-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,722	-1,722
11-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,591	-5,591
11-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	962	962
11-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	14,555	14,555
11-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,465	-4,465
11-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-8,767	-8,767
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt buy	18.23	AUD	ORD	18,059	18,059
12-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	18.23	AUD	ORD	794	794
12-Mar-19	BlackRock Advisors, LLC	on mkt buy	18.23	AUD	ORD	1,333	1,333
12-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	18.23	AUD	ORD	5,021	5,021
12-Mar-19	BlackRock Financial Management, Inc.	on mkt buy	18.23	AUD	ORD	1,766	1,766

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.23	AUD	ORD	4,581	4,581
12-Mar-19	BlackRock Investment Management (Australia) Limited	on mkt sell	18.22	AUD	ORD	-26,897	-26,897
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.23	AUD	ORD	2,680	2,680
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,498	1,498
12-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	18.15	AUD	ORD	1,391	1,391
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	18.15	AUD	ORD	26,330	26,330
12-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	18.15	AUD	ORD	-2,961	-2,961
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,250	7,250
12-Mar-19	BlackRock Advisors, LLC	collateral transfer	n/a	AUD	ORD	71	71
12-Mar-19	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	734	734
12-Mar-19	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	115,554	115,554
12-Mar-19	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-962	-962
12-Mar-19	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10,638	-10,638
12-Mar-19	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,042	5,042
12-Mar-19	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	5,754	5,754

14-Mar-19

Maria Tricarico,
Authorised Signatory

Date**4. Details of present registered holders**

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BlackRock (Netherlands) B.V.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	19,005	19,005	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	4,998	4,998	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	50,632	50,632	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) Limited	BNP Paribas Securities Services 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	5,716	5,716	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	2,326	2,326	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	600,339	600,339	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	JPM - J.P. Morgan Zurich		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,748	21,748	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	288,784	288,784	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	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	85,932	85,932	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	1,323,898	1,323,898	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	7,581	7,581	Subsidiary of BlackRock, Inc.
BlackRock Advisors, 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	460	460	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,194	8,194	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	11,427	11,427	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	236,687	236,687	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,563	4,563	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	21,507	21,507	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	RBC-ROYAL TRUST - TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,922	1,922	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,841	2,841	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	210,143	210,143	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia 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	29,370	29,370	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 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	608	608	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,863	1,863	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	524	524	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,271	11,271	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	37,644	37,644	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	48,063	48,063	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	99,117	99,117	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,200	5,200	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	47,358	47,358	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	2,944	2,944	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	64,279	64,279	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	17,936	17,936	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	4,986,102	4,986,102	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	378,128	378,128	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	2,632	2,632	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	760	760	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	4,966,650	4,966,650	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	131,193	131,193	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	RBC-ROYAL TRUST - TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,987	3,987	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB BOSTON INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,309	8,309	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	283,167	283,167	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	36,932	36,932	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	9,732	9,732	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,722	1,722	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	1,045	1,045	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 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	18,616	18,616	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	134,734	134,734	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	23,991	23,991	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	355,110	355,110	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	744,516	744,516	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,458,332	1,458,332	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	310,565	310,565	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	295,819	295,819	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	AP7		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	211,209	211,209	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	10,969	10,969	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	2,426	2,426	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	198,639	198,639	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	179,192	179,192	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (UK) Limited	BNYM-BONY 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	35,241	35,241	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	880,418	880,418	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	321,350	321,350	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,840	21,840	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	217,466	217,466	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	25,372	25,372	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	334,881	334,881	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	PICT-PICTET & CIE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,690	1,690	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	15,872	15,872	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) 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	847	847	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	16,049	16,049	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	91,765	91,765	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	25,598	25,598	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 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	284,089	284,089	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	126,006	126,006	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	242,387	242,387	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	242,152	242,152	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	3,597	3,597	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	USB-US BANK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,923	11,923	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	7,486	7,486	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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	4,911	4,911	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	267,541	267,541	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	4,453	4,453	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	3,294	3,294	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,014	5,014	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	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	187,014	187,014	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	271,640	271,640	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	35,344	35,344	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET AUSTRALIA		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	135,632	135,632	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	1,021,660	1,021,660	Subsidiary of BlackRock, Inc.

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

	14-Mar-19
Maria Tricarico, Authorised Signatory	Date

7. Addresses

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

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

Annexure D

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

-----14-March-19
Maria Tricarico, Authorised Signatory Date

Type of agreement:	Global Master Securities Lending Agreement
Parties to agreement:	Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited
Transfer date:	Refer to Annexure A (transactions identified as collateral transfers)
Holder of voting rights:	BlackRock Asset Management North Asia Limited (as investment manager for the funds)
Are there any restrictions on voting rights? If yes, detail	Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights.
Scheduled return date (if any):	Not applicable.
Does the borrower have the right to return early? If yes, detail	Yes. Upon an Event of Default under the GMSLA, the GMSLA provides, broadly, that both parties payment and delivery obligations will be accelerated and replaced with an obligation of one party to pay a single cash sum to the other determined in accordance with the provisions of the GMSLA (as modified by the Annex). The GMSLA provides that the parties' right to terminate the Agreement upon notice will not affect the parties' existing obligations in respect of any outstanding loans of securities. The Annex amended and restricted the Borrower's termination rights – i.e. Borrower may not have the right to terminate and return the borrowed securities - as the Borrower was to borrow the securities issued by it (or its sister company) to provide protection against the insolvency of the issuer and so usual rights of termination in a GMSLA were restricted. Subject to the terms of the relevant Loan, the Borrower, may early terminate a Loan and return Equivalent Securities at any time provided that it "shall cease to have such entitlement if an Act of Insolvency with respect to any Security Issuer or any of the Borrower's or any Security Issuer's affiliates has occurred, or any such person takes any steps preparatory to any of the matters which would constitute an Act of Insolvency
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

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