

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

To Company Name/Scheme _____

ACN/ARSN _____

1. Details of substantial holder(1)

Name _____

ACN/ARSN (if applicable) _____

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

____ / ____ / ____

The previous notice was given to the company on

____ / ____ / ____

The previous notice was dated

____ / ____ / ____

2. Previous and present voting power

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

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)

3. Changes in relevant interests

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

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

4. Present relevant interests

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

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

5. Changes in association

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

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

6. Addresses

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

Name	Address

Signature

print name

capacity

sign here

date / /

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

20-Oct-16

Kayla McGrory, Authorised Signatory

Date

5. Consideration

NEWCREST MINING LTD (NCM)

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	
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	25.24	ord	-2,168	-2,168
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.28	ord	-987	-987
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	25.24	ord	-514	-514
04-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-10,386	-10,386
04-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.48	ord	30,970	30,970
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.28	ord	95,872	95,872
04-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord	640	640
04-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.47	ord	13,053	13,053
04-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.48	ord	26,050	26,050
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.24	ord	736	736
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.24	ord	5,992	5,992
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.28	ord	-2,687	-2,687
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.24	ord	-789	-789
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.24	ord	1,712	1,712
05-Aug-16	BlackRock Fund Advisors	on mkt buy	25.69	ord	3,254	3,254
05-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.69	ord	1,505	1,505
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	14,392	14,392
05-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.66	ord	1,595	1,595
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	8,968	8,968
05-Aug-16	BlackRock Financial Management, Inc.	on mkt sell	25.67	ord	-3,805	-3,805
05-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.66	ord	7,175	7,175
05-Aug-16	BlackRock Fund Advisors	on mkt buy	25.69	ord	450	450
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	20,427	20,427
05-Aug-16	BlackRock Advisors, LLC	on mkt buy	25.66	ord	2,695	2,695
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	13,251	13,251
05-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.66	ord	3,417	3,417
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.69	ord	8,954	8,954
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	3,124	3,124
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	7,231	7,231
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.66	ord	4,541	4,541
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord	-2,755	-2,755
08-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	10,268	10,268
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord	-975	-975
08-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-27,696	-27,696
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord	-1,081	-1,081
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord	-969	-969
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord	-6,778	-6,778

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
08-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -61,327 -61,327
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord -642 -642
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	ord -5,625 -5,625
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.42	ord 3,010 3,010
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.42	ord 5,994 5,994
09-Aug-16	BlackRock Fund Advisors	on mkt buy	24.42	ord 5,977 5,977
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.42	ord 2,996 2,996
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.42	ord 214 214
09-Aug-16	BlackRock Fund Advisors	on mkt sell	24.61	ord -1,024 -1,024
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.42	ord 3,010 3,010
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.24	ord 6,055 6,055
10-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.22	ord 3,158 3,158
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.22	ord 6,321 6,321
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord 6,059 6,059
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 42,020 42,020
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord 2,309 2,309
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -603 -603
10-Aug-16	BlackRock International Limited	on mkt buy	25.22	ord 1,454 1,454
10-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.24	ord 7,596 7,596
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -318 -318
10-Aug-16	BlackRock Advisors, LLC	on mkt buy	25.24	ord 7,921 7,921
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -627 -627
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.46	ord 642 642
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 2,666 2,666
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 16,741 16,741
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord 2,187 2,187
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -1,599 -1,599
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord 1,469 1,469
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 26,244 26,244
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -7,426 -7,426
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord 3,830 3,830
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -16,810 -16,810
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.46	ord 2,002 2,002
10-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.24	ord 2,272 2,272
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 2,923 2,923
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.24	ord 4,761 4,761
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.46	ord 514 514
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 59,749 59,749
10-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.24	ord 18,458 18,458
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 11,099 11,099
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -436 -436
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.24	ord 9,755 9,755
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	25.09	ord -2,342 -2,342
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.24	ord 1,130 1,130
11-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.54	ord 15,788 15,788
11-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.54	ord 37,464 37,464

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	
11-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	21,363	21,363
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.35	ord	3,059	3,059
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.53	ord	157	157
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.53	ord	380	380
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt sell	25.53	ord	-607	-607
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.35	ord	2,296	2,296
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.35	ord	1,778	1,778
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.35	ord	7,493	7,493
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.29	ord	2,857	2,857
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.35	ord	9,052	9,052
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.35	ord	5,438	5,438
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.35	ord	1,986	1,986
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.29	ord	2,940	2,940
12-Aug-16	BlackRock Asset Management Canada Limited	on mkt buy	25.35	ord	1,465	1,465
12-Aug-16	BlackRock Advisors, LLC	on mkt buy	25.35	ord	1,754	1,754
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.35	ord	9,200	9,200
12-Aug-16	BlackRock International Limited	on mkt buy	25.29	ord	3,160	3,160
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.35	ord	617	617
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	25.35	ord	3,727	3,727
12-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	25.35	ord	1,624	1,624
12-Aug-16	BlackRock Financial Management, Inc.	on mkt sell	25.28	ord	-28,516	-28,516
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.35	ord	1,289	1,289
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.35	ord	3,707	3,707
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.35	ord	1,922	1,922
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.53	ord	4,515	4,515
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.35	ord	4,286	4,286
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.35	ord	28,367	28,367
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	25.53	ord	1,505	1,505
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	25.35	ord	1,289	1,289
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	25.35	ord	2,190	2,190
15-Aug-16	BlackRock Fund Advisors	on mkt sell	24.51	ord	-1,972	-1,972
15-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	24.65	ord	37,854	37,854
15-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	24.65	ord	17,651	17,651
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	24.36	ord	-5,100	-5,100
16-Aug-16	BlackRock International Limited	on mkt buy	24.38	ord	1,482	1,482
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	24.38	ord	3,396	3,396
16-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	15,378	15,378
16-Aug-16	BlackRock Advisors, LLC	on mkt sell	24.36	ord	-75,100	-75,100
16-Aug-16	BlackRock Fund Advisors	on mkt buy	24.40	ord	3,654	3,654
16-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-2,538	-2,538
16-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	24.67	ord	845	845
16-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	24.38	ord	1,623	1,623
16-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	24.38	ord	1,425	1,425
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	24.38	ord	14,030	14,030
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.38	ord	-4,383	-4,383
16-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	24.38	ord	4,308	4,308
16-Aug-16	BlackRock Investment Management (UK) Limited	on mkt sell	24.40	ord	-1,637	-1,637

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
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.38	ord -228	-228
16-Aug-16	BlackRock Advisors, LLC	on mkt sell	24.36	ord -62,000	-62,000
16-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.38	ord 1,971	1,971
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	24.67	ord 1,778	1,778
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	24.38	ord 1,933	1,933
16-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	24.38	ord 1,824	1,824
16-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	24.38	ord 2,636	2,636
16-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	24.38	ord 1,901	1,901
16-Aug-16	BlackRock Fund Advisors	on mkt buy	24.67	ord 7,178	7,178
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	24.67	ord 4,445	4,445
17-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.64	ord 1,507	1,507
17-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	24.36	ord -7,868	-7,868
17-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	24.25	ord 50,000	50,000
17-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 17,295	17,295
17-Aug-16	BlackRock Investment Management, LLC	on mkt sell	23.89	ord -2,375	-2,375
17-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 17,941	17,941
17-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord -770	-770
17-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord -28,184	-28,184
18-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.76	ord 700	700
18-Aug-16	BlackRock Fund Advisors	on mkt buy	23.76	ord 1,226	1,226
18-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.76	ord 1,532	1,532
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.80	ord -912	-912
18-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.82	ord 6,097	6,097
18-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.82	ord 1,404	1,404
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.80	ord -228	-228
18-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	23.70	ord -257	-257
18-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.82	ord 2,728	2,728
18-Aug-16	BlackRock International Limited	on mkt buy	23.81	ord 1,404	1,404
18-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.82	ord 1,700	1,700
18-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.70	ord 731	731
18-Aug-16	BlackRock Investment Management, LLC	on mkt sell	23.80	ord -1,240	-1,240
18-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.82	ord 3,208	3,208
18-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.76	ord 1,473	1,473
18-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.70	ord 29,980	29,980
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.80	ord -2,691	-2,691
18-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.76	ord 16,776	16,776
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.80	ord -10,913	-10,913
19-Aug-16	BlackRock Investment Management (UK) Limited	on mkt sell	23.63	ord -19,500	-19,500
19-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.95	ord 4,512	4,512
19-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.95	ord 3,020	3,020
19-Aug-16	BlackRock (Singapore) Limited	on mkt sell	23.66	ord -7,400	-7,400
19-Aug-16	BlackRock Investment Management, LLC	on mkt buy	23.60	ord 2,381	2,381
19-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord -6,294	-6,294
22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.50	ord 40,103	40,103
22-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	23.77	ord -257	-257
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -389	-389

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22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.74	ord 2,530	2,530
22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.67	ord 2,058	2,058
22-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -82,795	-82,795
22-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.67	ord 261	261
22-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.74	ord 321	321
22-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord -1,425	-1,425
22-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord 82,795	82,795
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -83	-83
22-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.74	ord 7,652	7,652
22-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.67	ord 6,226	6,226
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -286	-286
22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.67	ord 205,835	205,835
22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.74	ord 252,960	252,960
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.67	ord 1,029	1,029
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.74	ord 1,265	1,265
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -4,539	-4,539
22-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.77	ord 1,261	1,261
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -598	-598
22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.67	ord 68,611	68,611
22-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.74	ord 84,320	84,320
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -325	-325
22-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.74	ord 4,891	4,891
22-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.67	ord 3,980	3,980
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.70	ord -5,056	-5,056
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -4,537	-4,537
23-Aug-16	BlackRock Fund Advisors	on mkt buy	24.00	ord 2,112	2,112
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.97	ord 5,374	5,374
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.96	ord 2,445	2,445
23-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.97	ord 45,330	45,330
23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.97	ord 1,039	1,039
23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.98	ord 1,143	1,143
23-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.98	ord 145	145
23-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.97	ord 132	132
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -390	-390
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -286	-286
23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.98	ord 114,353	114,353
23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.97	ord 103,855	103,855
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.97	ord 3,410	3,410
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.96	ord 2,557	2,557
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.97	ord 2,008	2,008
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.98	ord 2,211	2,211
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.96	ord 5,252	5,252
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.96	ord 1,377	1,377

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23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.96	ord 1,377	1,377
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.97	ord 3,142	3,142
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.98	ord 3,459	3,459
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -326	-326
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.97	ord 2,695	2,695
23-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.97	ord 13,707	13,707
23-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 2,860	2,860
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.97	ord 519	519
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.98	ord 572	572
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -84	-84
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.97	ord 2,190	2,190
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.96	ord 16,840	16,840
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -596	-596
23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.98	ord 38,117	38,117
23-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.97	ord 34,619	34,619
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.97	ord 9,988	9,988
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.96	ord 4,451	4,451
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.95	ord -5,054	-5,054
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.96	ord 3,403	3,403
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -3,107	-3,107
24-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.93	ord 306	306
24-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.93	ord 2,414	2,414
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -682	-682
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -408	-408
24-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.93	ord 241,421	241,421
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -457	-457
24-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.93	ord 4,668	4,668
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -2,817	-2,817
24-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.93	ord 7,303	7,303
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -275	-275
24-Aug-16	BlackRock Financial Management, Inc.	on mkt sell	23.94	ord -2,077	-2,077
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.93	ord 1,207	1,207
24-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.93	ord 80,474	80,474
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.92	ord -223	-223
25-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.30	ord 8,422	8,422
25-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.18	ord 14,976	14,976
25-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	23.34	ord -34,993	-34,993
25-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.30	ord 553	553
25-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.18	ord 983	983
25-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.30	ord 4,356	4,356
25-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.18	ord 7,746	7,746

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25-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	23.31	ord	-1,169	-1,169
25-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	23.27	ord	-7,820	-7,820
25-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.30	ord	435,560	435,560
25-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.18	ord	774,564	774,564
25-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.34	ord	4,512	4,512
25-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.18	ord	3,873	3,873
25-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.30	ord	2,178	2,178
25-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.18	ord	23,430	23,430
25-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.30	ord	13,175	13,175
25-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.30	ord	145,187	145,187
25-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.18	ord	258,188	258,188
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.34	ord	15,130	15,130
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.47	ord	4,060	4,060
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.47	ord	7,974	7,974
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.43	ord	1,407	1,407
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.44	ord	-348	-348
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.44	ord	-1,605	-1,605
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.34	ord	1,688	1,688
26-Aug-16	BlackRock Investment Management, LLC	on mkt sell	23.45	ord	-52,600	-52,600
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.47	ord	5,373	5,373
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	23.34	ord	-6,240	-6,240
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.47	ord	951	951
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	23.34	ord	-4,690	-4,690
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.47	ord	6,604	6,604
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.49	ord	14,207	14,207
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.48	ord	2,643	2,643
26-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-1,710	-1,710
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.49	ord	7,347	7,347
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.48	ord	1,367	1,367
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	23.44	ord	-2,855	-2,855
26-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.48	ord	173	173
26-Aug-16	BlackRock Advisors, LLC	on mkt buy	23.49	ord	933	933
26-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	15,378	15,378
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.44	ord	-130	-130
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.47	ord	1,950	1,950
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.44	ord	-532	-532
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.47	ord	2,004	2,004
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.47	ord	1,936	1,936
26-Aug-16	BlackRock International Limited	on mkt buy	23.43	ord	1,810	1,810
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.49	ord	244,921	244,921
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.48	ord	45,563	45,563
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.47	ord	711	711
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.49	ord	3,674	3,674
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.48	ord	683	683
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.47	ord	1,720	1,720

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26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.48 ord 4,135	4,135
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.34 ord 1,070	1,070
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	23.49 ord 22,225	22,225
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.48 ord 136,688	136,688
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.49 ord 734,764	734,764
26-Aug-16	BlackRock Investment Management, LLC	on mkt sell	23.45 ord -29,800	-29,800
26-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 92	92
26-Aug-16	BlackRock Advisors, LLC	on mkt sell	23.45 ord -184,700	-184,700
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	23.47 ord 1,949	1,949
26-Aug-16	BlackRock Advisors, LLC	on mkt sell	23.45 ord -50,300	-50,300
26-Aug-16	BlackRock Advisors, LLC	on mkt sell	23.45 ord -8,000	-8,000
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.44 ord -3,645	-3,645
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	23.47 ord 3,769	3,769
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.47 ord 2,022	2,022
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	23.45 ord -5,600	-5,600
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	23.47 ord 29,824	29,824
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.44 ord -9,588	-9,588
29-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.53 ord -602	-602
29-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.53 ord -13,550	-13,550
29-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.53 ord -3,471	-3,471
29-Aug-16	BlackRock Asset Management North Asia Limited	on mkt sell	22.51 ord -46,071	-46,071
30-Aug-16	BlackRock Financial Management, Inc.	on mkt sell	22.82 ord -5,877	-5,877
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.81 ord -137	-137
30-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a ord -10,484	-10,484
30-Aug-16	BlackRock Investment Management, LLC	on mkt buy	22.84 ord 609	609
30-Aug-16	BlackRock International Limited	on mkt buy	22.84 ord 3,666	3,666
30-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	22.84 ord 20,564	20,564
30-Aug-16	BlackRock Fund Advisors	in specie	n/a ord -25,630	-25,630
30-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.84 ord 1,950	1,950
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.81 ord -237	-237
30-Aug-16	BlackRock Investment Management (UK) Limited	in specie	n/a ord 9,259	9,259
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.19 ord 2,634	2,634
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.19 ord 3,363	3,363
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19 ord -5,897	-5,897
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	22.18 ord 112	112
31-Aug-16	BlackRock Advisors, LLC	on mkt sell	22.20 ord -2,479	-2,479
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.17 ord -1,546	-1,546
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	22.18 ord 636	636
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	22.19 ord 24,722	24,722
31-Aug-16	BlackRock Financial Management, Inc.	on mkt sell	22.19 ord -4,855	-4,855
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19 ord -6,697	-6,697
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.19 ord 441	441

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31-Aug-16	BlackRock Asset Management Canada Limited	on mkt buy 22.18	ord 4,948	4,948
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 22.19	ord 852	852
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell 22.17	ord -5,405	-5,405
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt sell 22.20	ord -1,528	-1,528
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy 22.19	ord 2,667	2,667
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 22.19	ord 4,117	4,117
31-Aug-16	BlackRock Asset Management North Asia Limited	on mkt sell 22.16	ord -2,196	-2,196
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy 22.19	ord 9,143	9,143
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 22.19	ord 572	572
31-Aug-16	BlackRock International Limited	on mkt buy 22.19	ord 4,275	4,275
31-Aug-16	BlackRock Fund Advisors	on mkt buy 22.19	ord 5,296	5,296
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell 22.19	ord -18,089	-18,089
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy 22.19	ord 2,116	2,116
31-Aug-16	BlackRock Investment Management, LLC	on mkt buy 22.19	ord 773	773
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell 22.19	ord -3,195	-3,195
31-Aug-16	BlackRock Investment Management, LLC	on mkt buy 22.19	ord 908	908
31-Aug-16	BlackRock Fund Advisors	on mkt buy 22.19	ord 4,603	4,603
31-Aug-16	BlackRock Fund Advisors	on mkt sell 22.19	ord -120,857	-120,857
31-Aug-16	BlackRock Fund Advisors	on mkt sell 22.19	ord -11,922	-11,922
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell 22.19	ord -582	-582
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 22.19	ord 2,091	2,091
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy 22.19	ord 30,000	30,000
31-Aug-16	BlackRock Fund Advisors	on mkt sell 22.19	ord -2,621	-2,621
31-Aug-16	BlackRock Fund Advisors	on mkt sell 22.19	ord -259	-259
01-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell 21.69	ord -4,515	-4,515
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 21.78	ord -281	-281
01-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy 21.69	ord 190	190
01-Sep-16	BlackRock Fund Advisors	in specie n/a	ord -770	-770
01-Sep-16	BlackRock Fund Advisors	in specie n/a	ord 22,940	22,940
01-Sep-16	BlackRock Fund Advisors	on mkt sell 22.07	ord -2,259	-2,259
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 21.78	ord -3,647	-3,647
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 21.78	ord -3,721	-3,721
01-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell 21.83	ord -6,651	-6,651
01-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy 21.99	ord 133	133
01-Sep-16	BlackRock Fund Advisors	on mkt buy 22.08	ord 6,468	6,468
01-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell 21.69	ord -257	-257
01-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell 21.69	ord -467	-467
01-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy 21.69	ord 1,740	1,740
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell 22.36	ord -900	-900
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell 22.36	ord -4,518	-4,518
02-Sep-16	BlackRock Fund Advisors	on mkt buy 22.36	ord 1,564	1,564
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy 22.51	ord 80,935	80,935
02-Sep-16	BlackRock Fund Advisors	in specie n/a	ord -588	-588
02-Sep-16	BlackRock Fund Advisors	in specie n/a	ord 9,176	9,176
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell 22.43	ord -2,554	-2,554
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell 22.36	ord -514	-514
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 22.36	ord 3,388	3,388
02-Sep-16	BlackRock Fund Advisors	on mkt buy 22.36	ord 2,112	2,112

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05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -1,221	-1,221
05-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	22.92	ord 15,000	15,000
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -1,627	-1,627
05-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.20	ord 4,979	4,979
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	23.07	ord 8,001	8,001
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -12,723	-12,723
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -8,022	-8,022
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -509	-509
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -17,693	-17,693
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -1,559	-1,559
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.03	ord -795	-795
05-Sep-16	BlackRock Fund Advisors	on mkt buy	23.20	ord 2,983	2,983
06-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -3,803	-3,803
06-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -12,374	-12,374
06-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	22.76	ord 84,804	84,804
06-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -6,958	-6,958
06-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.60	ord -7,817	-7,817
06-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	22.60	ord 2,091	2,091
06-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 13,764	13,764
06-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	22.76	ord 43,704	43,704
06-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.68	ord -40,412	-40,412
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	23.32	ord 18,256	18,256
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -807	-807
07-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -4,588	-4,588
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	23.32	ord -728	-728
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	23.32	ord -1,456	-1,456
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	23.32	ord -257	-257
07-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	23.37	ord -18,724	-18,724
07-Sep-16	BlackRock Fund Advisors	on mkt buy	23.32	ord 4,325	4,325
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -2,427	-2,427
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -11,414	-11,414
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -1,144	-1,144
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	23.32	ord -257	-257
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	23.38	ord 9,128	9,128
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.31	ord 4,211	4,211
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	23.32	ord -9,042	-9,042
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -1,537	-1,537
07-Sep-16	BlackRock Asset Management North Asia Limited	on mkt buy	23.31	ord 1,075	1,075
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -5,900	-5,900
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	23.37	ord -938	-938
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	23.31	ord 1,536	1,536
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.86	ord -4,818	-4,818
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.86	ord 1,530	1,530
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.86	ord 376	376
08-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -504	-504

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08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.86	ord	2,202	2,202
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.86	ord	59,345	59,345
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord	-2,922	-2,922
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord	-2,130	-2,130
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-664	-664
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord	-36,664	-36,664
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord	-9,800	-9,800
09-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.14	ord	4,590	4,590
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-1,449	-1,449
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-2,675	-2,675
09-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.14	ord	188	188
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-784	-784
09-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	3,381	3,381
09-Sep-16	BlackRock Japan Co., Ltd.	on mkt sell	22.19	ord	-4,244	-4,244
09-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-3,807	-3,807
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-10,708	-10,708
09-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	22.14	ord	242	242
09-Sep-16	BlackRock Japan Co., Ltd.	on mkt sell	22.19	ord	-2,381	-2,381
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-5,844	-5,844
09-Sep-16	BlackRock Advisors, LLC	on mkt sell	22.19	ord	-2,695	-2,695
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord	-3,130	-3,130
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.19	ord	-1,046	-1,046
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord	-8,901	-8,901
12-Sep-16	BlackRock Asset Management North Asia Limited	on mkt sell	21.04	ord	-1,407	-1,407
12-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.06	ord	-514	-514
12-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	21.06	ord	189	189
12-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	828	828
12-Sep-16	BlackRock Advisors, LLC	on mkt sell	21.04	ord	-2,497	-2,497
12-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	1,302	1,302
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	8,640	8,640
13-Sep-16	BlackRock Investment Management, LLC	on mkt buy	21.76	ord	628	628
13-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	21.53	ord	443	443
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-1,048	-1,048
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-31,505	-31,505
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-3,410	-3,410
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-403	-403
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-525	-525
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-868	-868
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-7,025	-7,025
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-659	-659
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	ord	-1,227	-1,227
14-Sep-16	BlackRock Fund Advisors	on mkt sell	21.27	ord	-1,360	-1,360
14-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	21.42	ord	310	310
14-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.42	ord	-13,910	-13,910
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	ord	-15,273	-15,273
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.21	ord	-514	-514

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15-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	13,916	13,916
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.16	ord	-2,638	-2,638
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.16	ord	-192	-192
15-Sep-16	BlackRock Advisors, LLC	on mkt sell	21.16	ord	-6,164	-6,164
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	ord	-21,561	-21,561
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	ord	-7,205	-7,205
15-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	21.16	ord	-23,664	-23,664
15-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	21.04	ord	1,931	1,931
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	ord	-3,302	-3,302
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	21.21	ord	1,530	1,530
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	ord	-2,278	-2,278
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.16	ord	-137	-137
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.16	ord	-179	-179
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.16	ord	-405	-405
15-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	21.16	ord	-1,319	-1,319
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.16	ord	-9,306	-9,306
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.21	ord	-3,341	-3,341
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.12	ord	-13,097	-13,097
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.12	ord	-6,044	-6,044
16-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell	21.12	ord	-5,846	-5,846
16-Sep-16	BlackRock Asset Management Canada Limited	on mkt sell	21.12	ord	-2,460	-2,460
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.12	ord	-16,264	-16,264
16-Sep-16	BlackRock Investment Management, LLC	on mkt sell	21.12	ord	-806	-806
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.12	ord	-2,149	-2,149
16-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.12	ord	-11,090	-11,090
16-Sep-16	BlackRock Fund Advisors	on mkt buy	21.12	ord	510	510
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.12	ord	-1,058	-1,058
16-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	21.12	ord	-8,028	-8,028
16-Sep-16	BlackRock (Singapore) Limited	on mkt sell	21.12	ord	-5,797	-5,797
16-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	11,705	11,705
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.12	ord	-28,047	-28,047
16-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.12	ord	-1,859	-1,859
16-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.12	ord	-18,144	-18,144
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.12	ord	-4,714	-4,714
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.70	ord	-329	-329
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.70	ord	-80	-80
19-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-12,205	-12,205
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.70	ord	-210	-210
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.70	ord	-3,447	-3,447

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19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.70	ord	-427	-427
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.70	ord	-749	-749
19-Sep-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord	27	27
20-Sep-16	BlackRock Fund Advisors	on mkt buy	21.75	ord	9,195	9,195
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.39	ord	-3,431	-3,431
20-Sep-16	BlackRock Advisors, LLC	on mkt sell	21.39	ord	-2,718	-2,718
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	ord	-1,791	-1,791
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	ord	-9,511	-9,511
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.39	ord	-1,957	-1,957
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	ord	-6,353	-6,353
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	ord	-1,528	-1,528
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.39	ord	-1,507	-1,507
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	ord	-4,150	-4,150
20-Sep-16	BlackRock Fund Advisors	on mkt buy	21.75	ord	11,893	11,893
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.39	ord	-16,037	-16,037
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.39	ord	-15,789	-15,789
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.39	ord	-369	-369
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	ord	39,771	39,771
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	ord	18,062	18,062
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.29	ord	13,764	13,764
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.39	ord	-960	-960
20-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	13,764	13,764
20-Sep-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord	-27	-27
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.42	ord	-15,131	-15,131
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.42	ord	-986	-986
21-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.38	ord	-38,681	-38,681
21-Sep-16	BlackRock Advisors, LLC	on mkt buy	21.38	ord	23,322	23,322
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.42	ord	-3,314	-3,314
21-Sep-16	BlackRock Advisors, LLC	on mkt buy	21.44	ord	9,400	9,400
21-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.44	ord	1,610	1,610
21-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	21.38	ord	629	629
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	21.42	ord	-2,498	-2,498
21-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-6,525	-6,525
21-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	21.38	ord	-1,531	-1,531
21-Sep-16	BlackRock Fund Advisors	on mkt buy	21.45	ord	66	66
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.85	ord	-3,022	-3,022
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.79	ord	-18,857	-18,857
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.77	ord	-1,405	-1,405
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.85	ord	-7,555	-7,555
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.85	ord	200,004	200,004
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.85	ord	-433	-433

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22-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	22.79	ord 1,000,000	1,000,000
22-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	22.77	ord -1,544	-1,544
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.85	ord -1,531	-1,531
23-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -8,700	-8,700
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.34	ord -5,444	-5,444
23-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	22.34	ord -793	-793
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.34	ord -2,379	-2,379
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.34	ord -848	-848
23-Sep-16	BlackRock Advisors, LLC	on mkt buy	22.41	ord 15,352	15,352
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.34	ord -571	-571
26-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -6,525	-6,525
26-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.51	ord 8,856	8,856
26-Sep-16	BlackRock Fund Advisors	on mkt buy	22.51	ord 11,706	11,706
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.98	ord 2,568	2,568
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.98	ord 2,011	2,011
27-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -6,525	-6,525
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.98	ord 428	428
27-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -4,350	-4,350
27-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.67	ord -6,060	-6,060
27-Sep-16	BlackRock Fund Advisors	on mkt buy	22.68	ord 2,618	2,618
27-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	22.98	ord 40,026	40,026
27-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	22.97	ord -12,658	-12,658
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.98	ord -7,560	-7,560
27-Sep-16	BlackRock Advisors, LLC	on mkt buy	22.98	ord 26,424	26,424
27-Sep-16	BlackRock Fund Advisors	on mkt buy	22.98	ord 3,698	3,698
27-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 31,392	31,392
28-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.35	ord -328	-328
28-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	22.84	ord 4,956	4,956
28-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -1,259	-1,259
28-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -8,700	-8,700
28-Sep-16	BlackRock Fund Advisors	on mkt sell	22.78	ord -6,312	-6,312
28-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.35	ord 428	428
28-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	22.35	ord 304	304
29-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	22.48	ord 484	484
29-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.43	ord 437	437
29-Sep-16	BlackRock Asset Management Canada Limited	in specie	n/a	ord 5,741	5,741
29-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.40	ord -256	-256
29-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.43	ord 640	640
29-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	22.40	ord -1,694	-1,694
29-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.40	ord 433	433
29-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.43	ord 2,108	2,108
29-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	22.40	ord -4,689	-4,689
30-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.19	ord -3,339	-3,339
30-Sep-16	BlackRock International Limited	on mkt buy	22.26	ord 1,548	1,548
30-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.19	ord 7,112	7,112
30-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 18,256	18,256
30-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	22.26	ord 1,731	1,731

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30-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	22.19	ord 27,000	27,000
30-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell	22.19	ord -2,124	-2,124
30-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.19	ord 3,072	3,072
30-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell	22.19	ord -6,856	-6,856
30-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	22.19	ord 4,529	4,529
03-Oct-16	BlackRock Investment Management (UK) Limited	on mkt sell	22.12	ord -7,757	-7,757
03-Oct-16	BlackRock Fund Advisors	on mkt buy	22.22	ord 7,152	7,152
03-Oct-16	BlackRock Fund Advisors	on mkt buy	22.12	ord 785	785
03-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	22.22	ord 9,192	9,192
03-Oct-16	BlackRock Advisors, LLC	on mkt sell	22.12	ord -19,141	-19,141
03-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.22	ord 4,505	4,505
03-Oct-16	BlackRock Japan Co., Ltd.	on mkt sell	22.22	ord -1,403	-1,403
03-Oct-16	BlackRock Fund Advisors	on mkt buy	22.12	ord 3,740	3,740
04-Oct-16	BlackRock Fund Advisors	on mkt buy	22.43	ord 192	192
04-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	22.26	ord 2,374	2,374
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.25	ord 784	784
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.25	ord 1,335	1,335
04-Oct-16	BlackRock International Limited	on mkt sell	22.23	ord -6,596	-6,596
04-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord 18,256	18,256
04-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	22.26	ord 1,949	1,949
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.25	ord 1,755	1,755
04-Oct-16	BlackRock International Limited	on mkt buy	22.25	ord 3,077	3,077
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	22.26	ord 13,677	13,677
04-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	22.43	ord 22,650	22,650
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.25	ord 226	226
04-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	22.26	ord 2,464	2,464
04-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	22.26	ord 1,645	1,645
04-Oct-16	BlackRock Financial Management, Inc.	on mkt sell	22.23	ord -36,685	-36,685
04-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	22.26	ord 2,166	2,166
04-Oct-16	BlackRock Investment Management, LLC	on mkt buy	22.43	ord 5,188	5,188
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	22.25	ord 134	134
04-Oct-16	BlackRock Financial Management, Inc.	on mkt sell	22.23	ord -3,486	-3,486
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	22.23	ord -3,492	-3,492
04-Oct-16	BlackRock Fund Advisors	on mkt buy	22.43	ord 4,224	4,224
04-Oct-16	BlackRock Investment Management, LLC	on mkt sell	22.23	ord -7,949	-7,949
04-Oct-16	BlackRock Financial Management, Inc.	on mkt buy	22.25	ord 1,532	1,532
05-Oct-16	BlackRock Advisors, LLC	on mkt sell	21.20	ord -1,911	-1,911
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.13	ord 50	50
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.28	ord -3,402	-3,402
05-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord -21,030	-21,030
05-Oct-16	BlackRock Fund Advisors	on mkt buy	21.28	ord 9,579	9,579
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.13	ord 236	236
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.18	ord -22,323	-22,323
05-Oct-16	BlackRock Advisors, LLC	on mkt sell	21.18	ord -262,922	-262,922
05-Oct-16	BlackRock Fund Advisors	on mkt buy	21.28	ord 3,096	3,096
05-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	21.28	ord -283	-283
05-Oct-16	BlackRock Advisors, LLC	on mkt sell	21.09	ord -14,000	-14,000
05-Oct-16	BlackRock Advisors, LLC	on mkt sell	21.18	ord -178,065	-178,065
05-Oct-16	BlackRock Advisors, LLC	on mkt sell	21.19	ord -11,000	-11,000

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05-Oct-16	BlackRock Advisors, LLC	on mkt sell	21.18	ord	-38,000	-38,000
06-Oct-16	BlackRock Investment Management (UK) Limited	on mkt buy	21.20	ord	2,917	2,917
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	5,205	5,205
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	14,560	14,560
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	1,222	1,222
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	481	481
06-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	20.94	ord	-4,536	-4,536
06-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.20	ord	4,125	4,125
06-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.94	ord	18,124	18,124
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	1,241	1,241
06-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	20.92	ord	11,780	11,780
06-Oct-16	BlackRock Investment Management, LLC	on mkt buy	21.20	ord	536	536
06-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	20.94	ord	-7,560	-7,560
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	1,824	1,824
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.53	ord	54,444	54,444
07-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	6,858	6,858
07-Oct-16	BlackRock International Limited	in specie	n/a	ord	-19,667	-19,667
07-Oct-16	BlackRock Fund Advisors	on mkt buy	20.53	ord	10,657	10,657
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	ord	11,609	11,609
07-Oct-16	BlackRock Fund Advisors	on mkt buy	20.53	ord	2,438	2,438
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	20.53	ord	-512	-512
07-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	-1,259	-1,259
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	ord	988	988
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.46	ord	3,064	3,064
07-Oct-16	BlackRock Fund Advisors	on mkt buy	20.74	ord	2,057	2,057
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.49	ord	5,614	5,614
07-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.53	ord	11,011	11,011
07-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	8,715	8,715
07-Oct-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-5,645	-5,645
07-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.53	ord	39,796	39,796
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	20.74	ord	-1,908	-1,908
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.53	ord	4,537	4,537
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	20.53	ord	-512	-512
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	20.53	ord	-2,012	-2,012
10-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.80	ord	21,407	21,407
10-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.80	ord	1,222	1,222
10-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	20.79	ord	-1,281	-1,281
10-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	27,384	27,384
10-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.80	ord	505	505
11-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	20.53	ord	-94	-94
11-Oct-16	BlackRock Fund Advisors	on mkt buy	20.52	ord	4,143	4,143
11-Oct-16	BlackRock Fund Advisors	on mkt buy	20.52	ord	2,221	2,221
11-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	20.53	ord	-144	-144
11-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	20.52	ord	-1,775	-1,775
11-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	20.67	ord	-313	-313
11-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.52	ord	3,756	3,756
11-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.52	ord	2,011	2,011

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	
11-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	20.59	ord	1,426	1,426
11-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.52	ord	3,476	3,476
11-Oct-16	BlackRock Fund Advisors	on mkt buy	21.25	ord	554	554
11-Oct-16	BlackRock Fund Advisors	on mkt buy	21.25	ord	1,870	1,870
11-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.66	ord	354	354
11-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	-2,518	-2,518
11-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.52	ord	3,210	3,210
11-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.66	ord	147	147
11-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	20.53	ord	-117	-117
11-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.66	ord	6,204	6,204
11-Oct-16	BlackRock (Netherlands) B.V.	on mkt buy	20.52	ord	1,341	1,341
12-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.48	ord	1,712	1,712
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.31	ord	292	292
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.31	ord	746	746
12-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	20.37	ord	-2,408	-2,408
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.31	ord	2,145	2,145
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	ord	1,027	1,027
12-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.48	ord	3,062	3,062
12-Oct-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	10,925	10,925
12-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.37	ord	646	646
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	ord	128	128
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	ord	2,946	2,946
12-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.35	ord	2,011	2,011
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.31	ord	1,193	1,193
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	ord	1,638	1,638
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.31	ord	95	95
12-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	20.37	ord	-3,754	-3,754
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.31	ord	122	122
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	ord	403	403
12-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.48	ord	3,875	3,875
12-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.38	ord	166	166
13-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	-14,064	-14,064
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	21.43	ord	-1,511	-1,511
13-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.43	ord	3,693	3,693
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.68	ord	182,408	182,408
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.17	ord	136,805	136,805
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.43	ord	214	214
13-Oct-16	BlackRock Investment Management (UK) Limited	on mkt buy	20.76	ord	2,066	2,066
13-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	504	504
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.43	ord	22,670	22,670
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.43	ord	642	642
13-Oct-16	BlackRock Investment Management (UK) Limited	on mkt sell	20.76	ord	-884	-884
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.68	ord	417,592	417,592
13-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.17	ord	313,195	313,195

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	
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.17	ord	4,329	4,329
14-Oct-16	BlackRock Financial Management, Inc.	on mkt buy	21.15	ord	2,369	2,369
14-Oct-16	BlackRock Fund Advisors	on mkt buy	21.01	ord	3,649	3,649
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.17	ord	8,200	8,200
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.01	ord	6,128	6,128
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.01	ord	2,017	2,017
14-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.17	ord	2,243	2,243
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	2,209	2,209
14-Oct-16	BlackRock Financial Management, Inc.	on mkt buy	21.17	ord	900	900
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	502	502
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	21.01	ord	-9,068	-9,068
14-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	11,660	11,660
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	3,955	3,955
14-Oct-16	BlackRock Asset Management Canada Limited	on mkt buy	21.17	ord	2,036	2,036
14-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	18,264	18,264
14-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.17	ord	2,730	2,730
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.17	ord	5,463	5,463
14-Oct-16	BlackRock Financial Management, Inc.	on mkt buy	21.17	ord	2,152	2,152
14-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.15	ord	3,153	3,153
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	7,933	7,933
14-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.17	ord	4,925	4,925
14-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.17	ord	2,275	2,275
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.17	ord	2,104	2,104
14-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.17	ord	49,460	49,460
14-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.17	ord	6,107	6,107
14-Oct-16	BlackRock International Limited	on mkt buy	21.15	ord	7,850	7,850
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.01	ord	34,800	34,800
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.16	ord	166,771	166,771
14-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.15	ord	-2,966	-2,966
14-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.17	ord	2,657	2,657
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.01	ord	15,200	15,200
14-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.16	ord	72,847	72,847
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	200	200
14-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.06	ord	425	425
17-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.78	ord	57,508	57,508
17-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.87	ord	184	184
17-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	9,132	9,132
17-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.87	ord	812	812
17-Oct-16	BlackRock Fund Advisors	on mkt buy	21.08	ord	21,840	21,840
17-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.87	ord	1,454	1,454
17-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.11	ord	11,015	11,015
17-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.87	ord	2,917	2,917
17-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.78	ord	4,457	4,457
17-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.78	ord	13,920	13,920
17-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.86	ord	181,165	181,165
17-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	20.78	ord	2,056	2,056
17-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.86	ord	79,133	79,133

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	
17-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	20.78	ord	6,080	6,080
17-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.87	ord	74	74
17-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	20.87	ord	156	156
18-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.40	ord	2,373	2,373
18-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.26	ord	517	517
18-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.31	ord	3,435	3,435
18-Oct-16	BlackRock Financial Management, Inc.	on mkt buy	21.31	ord	716	716
18-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.26	ord	1,632	1,632
18-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	ord	38,459	38,459
18-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	ord	1,771	1,771
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.28	ord	117,311	117,311
18-Oct-16	BlackRock Investment Management (UK) Limited	on mkt buy	21.27	ord	380,072	380,072
18-Oct-16	BlackRock Financial Management, Inc.	on mkt buy	21.31	ord	2,175	2,175
18-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.31	ord	5,647	5,647
18-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.26	ord	1,370	1,370
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.40	ord	4,534	4,534
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.40	ord	27,204	27,204
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.28	ord	268,564	268,564
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.28	ord	9,068	9,068
18-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.26	ord	3,030	3,030
18-Oct-16	BlackRock Fund Advisors	on mkt buy	20.98	ord	4,422	4,422
18-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.26	ord	12,958	12,958
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.31	ord	7,429	7,429
18-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	21.26	ord	4,254	4,254
18-Oct-16	BlackRock International Limited	on mkt buy	21.31	ord	6,010	6,010
18-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	21.30	ord	-2,507	-2,507
18-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	21.31	ord	7,742	7,742
18-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	21.31	ord	1,644	1,644
18-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	21.31	ord	2,801	2,801

20-Oct-16

Kayla McGrory,
Authorised Signatory

Date

4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 9,429	9,429	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 113,424	113,424	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 14,487	14,487	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) 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 6,832	6,832	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 92,600	92,600	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 2,403,538	2,403,538	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	CB-CACEIS BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 488	488	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 60,726	60,726	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 504,846	504,846	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 191,532	191,532	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	RBC-DEXIA BIL- LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 187,597	187,597	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 3,866,262	3,866,262	Subsidiary of BlackRock, Inc.
BlackRock Advisors (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 2,005,791	2,005,791	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 3,666	3,666	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 81,207	81,207	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 151,110	151,110	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, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 1,753,958	1,753,958	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 454,551	454,551	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 8,389	8,389	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 368,167	368,167	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia 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 44,568	44,568	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 60,497	60,497	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 2,967	2,967	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 1,097	1,097	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 16,776	16,776	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BNYM-MELLON TRUST - 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 122,970	122,970	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 24,784	24,784	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 7,511	7,511	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 19,201	19,201	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 3,610	3,610	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 50,563	50,563	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	RBC-ROYAL TRUST - TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 43,839	43,839	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 120,489	120,489	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 158,422	158,422	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 34,104	34,104	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 113,036	113,036	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock 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 43,527	43,527	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 9,022,437	9,022,437	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-MELLON TRUST - 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 7,132	7,132	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 1,163,791	1,163,791	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 12,023	12,023	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 13,913	13,913	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	GS-GOLDMAN SACHS PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 12,711	12,711	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 234,566	234,566	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 18,371	18,371	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 334,486	334,486	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 15,624	15,624	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 689,550	689,550	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 392,649	392,649	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 68,298	68,298	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	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 51,509	51,509	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 9,362,864	9,362,864	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 28,830	28,830	Subsidiary of BlackRock, Inc.
BlackRock International 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 837,069	837,069	Subsidiary of BlackRock, Inc.
BlackRock International Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 69,693	69,693	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 315,584	315,584	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	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 48,904	48,904	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 6,966	6,966	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 1,621,417	1,621,417	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 50,476	50,476	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 108,297	108,297	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP-BNP PARIBAS JERSEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 182,293	182,293	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP-BNP Paribas Milan		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 28,877	28,877	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 924,253	924,253	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 12,168,623	12,168,623	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 41,081,998	41,081,998	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CB-CACEIS BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 4,979	4,979	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 1,474,877	1,474,877	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC DUSSELDORF		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 265,103	265,103	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 84,257	84,257	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 48,996	48,996	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 52,183	52,183	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 912,154	912,154	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 2,110	2,110	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 14,378	14,378	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 165,160	165,160	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 3,524	3,524	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 57,154	57,154	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 162,374	162,374	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 374,700	374,700	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 967,884	967,884	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 9,814	9,814	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 27,147	27,147	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET BANK LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 8,453	8,453	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 9,605	9,605	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 2,886,217	2,886,217	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 1,058,692	1,058,692	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 133,029	133,029	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUMI-SUMITOMO TRUST		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 22,984	22,984	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 12,518	12,518	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-Citigroup Australia - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ord 24,917	24,917	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ord 413,702	413,702	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ord 580,932	580,932	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) 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 held in its capacity as responsible entity.	ord 176,226	176,226	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	ord 1,475,457	1,475,457	Subsidiary of BlackRock, Inc.

Annexure C

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

Kayla McGrory, Authorised Signatory	20-Oct-16 Date
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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 Champion Tower & 17/F ICBC Tower, Three 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)

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

Kayla McGrory, Authorised Signatory 20-Oct-16
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 B (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 NEWCREST MINING LTD or the Australian Securities and Investments Commission upon request.