

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

11-Oct-16

Kayla McGrory, Authorised Signatory

Date

5. Consideration

RIO TINTO LTD (RIO)

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	
13-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord	9,746	9,746
13-Apr-16	BlackRock Fund Advisors	on mkt buy	46.45	ord	870	870
13-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.21	ord	-420	-420
13-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	47.38	ord	275	275
13-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	47.38	ord	8,210	8,210
13-Apr-16	BlackRock Fund Advisors	on mkt buy	47.38	ord	1,440	1,440
13-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord	104	104
13-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.38	ord	5,968	5,968
13-Apr-16	BlackRock Advisors, LLC	on mkt sell	47.38	ord	-8,072	-8,072
13-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.21	ord	-4,919	-4,919
13-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.21	ord	-387	-387
13-Apr-16	BlackRock Fund Advisors	on mkt buy	46.45	ord	753	753
13-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.38	ord	1,558	1,558
14-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	48.70	ord	2,023	2,023
14-Apr-16	BlackRock Fund Advisors	on mkt buy	48.60	ord	7,256	7,256
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	3,348	3,348
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	691	691
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	2,898	2,898
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	4,256	4,256
14-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	48.70	ord	2,830	2,830
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	2,108	2,108
14-Apr-16	BlackRock Advisors, LLC	on mkt buy	48.70	ord	1,063	1,063
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	3,081	3,081
14-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	48.70	ord	996	996
14-Apr-16	BlackRock Advisors (UK) Limited	on mkt sell	48.60	ord	-530	-530
14-Apr-16	BlackRock Advisors (UK) Limited	on mkt sell	48.60	ord	-496	-496
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	1,907	1,907
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	6,834	6,834
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.60	ord	10,423	10,423
14-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	48.70	ord	1,057	1,057
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.70	ord	1,571	1,571
14-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	48.70	ord	691	691
14-Apr-16	BlackRock Fund Advisors	on mkt buy	48.60	ord	546	546
14-Apr-16	BlackRock Investment Management, LLC	on mkt sell	48.60	ord	-7,612	-7,612
14-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.60	ord	495	495
14-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	48.73	ord	1,674	1,674

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-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.70	ord 959	959
14-Apr-16	BlackRock International Limited	on mkt buy 48.73	ord 1,320	1,320
15-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 5,793	5,793
15-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 104	104
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -58	-58
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.20	ord 814	814
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -5,612	-5,612
15-Apr-16	BlackRock Investment Management, LLC	on mkt buy 47.86	ord 1,193	1,193
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -1,706	-1,706
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -247	-247
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt buy 47.86	ord 5,484	5,484
15-Apr-16	BlackRock Financial Management, Inc.	on mkt buy 47.86	ord 13,265	13,265
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -466	-466
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -5,620	-5,620
15-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.82	ord -785	-785
18-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 1,931	1,931
18-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 11,586	11,586
18-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy 47.45	ord 818	818
18-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 104	104
18-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy 47.45	ord 2,054	2,054
18-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy 47.45	ord 3,284	3,284
18-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy 47.45	ord 4,533	4,533
18-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy 47.45	ord 2,463	2,463
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -8,299	-8,299
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -2,489	-2,489
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -674	-674
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -2,004	-2,004
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -7,822	-7,822
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -5,473	-5,473
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -7,510	-7,510
19-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 1,248	1,248
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -1,235	-1,235
19-Apr-16	BlackRock Fund Advisors	in specie n/a	ord 5,793	5,793
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.06	ord -1,898	-1,898
19-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.04	ord -17,543	-17,543
20-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy 51.30	ord 378	378
20-Apr-16	BlackRock Financial Management, Inc.	on mkt buy 51.26	ord 4,509	4,509
20-Apr-16	BlackRock Fund Advisors	on mkt buy 51.30	ord 6,240	6,240
20-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy 51.26	ord 1,551	1,551
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy 51.26	ord 3,145	3,145
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy 51.26	ord 1,051	1,051
20-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy 51.30	ord 756	756

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
20-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	51.26	ord 11,278	11,278
20-Apr-16	BlackRock International Limited	on mkt buy	51.26	ord 809	809
20-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	51.26	ord 553	553
20-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	51.26	ord 422	422
20-Apr-16	BlackRock Investment Management (UK) Limited	on mkt buy	51.26	ord 940	940
20-Apr-16	BlackRock Fund Advisors	on mkt buy	51.30	ord 1,524	1,524
20-Apr-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -6,158	-6,158
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.26	ord 10,407	10,407
20-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	51.26	ord 2,956	2,956
20-Apr-16	BlackRock Advisors, LLC	on mkt sell	51.30	ord -777	-777
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.26	ord 16,608	16,608
20-Apr-16	BlackRock Advisors, LLC	on mkt buy	51.26	ord 2,067	2,067
20-Apr-16	BlackRock Investment Management, LLC	on mkt buy	51.26	ord 869	869
20-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	51.26	ord 3,809	3,809
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.26	ord 20,783	20,783
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.26	ord 2,859	2,859
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.26	ord 5,801	5,801
20-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	51.26	ord 1,140	1,140
20-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.26	ord 9,598	9,598
20-Apr-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord 59,826	59,826
21-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.41	ord -552	-552
21-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.45	ord -13,404	-13,404
21-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	52.31	ord 430	430
21-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.41	ord -210	-210
21-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.41	ord -715	-715
21-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 10,140	10,140
21-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	52.39	ord 2,454	2,454
21-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.41	ord -3,592	-3,592
21-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.45	ord -1,116	-1,116
22-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	51.44	ord 620	620
22-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	51.44	ord 3,070	3,070
22-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 2,148	2,148
22-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	51.00	ord 3,284	3,284
22-Apr-16	BlackRock Investment Management (UK) Limited	on mkt buy	51.64	ord 4,000	4,000
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 3,127	3,127
22-Apr-16	BlackRock Japan Co., Ltd.	on mkt buy	51.44	ord 1,016	1,016
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 6,039	6,039
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 6,385	6,385
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 1,708	1,708
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 4,689	4,689
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 9,723	9,723
22-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	51.44	ord 7,256	7,256

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
22-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	51.00	ord 7,210	7,210
22-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord -9,655	-9,655
22-Apr-16	BlackRock Advisors, LLC	on mkt buy	51.44	ord 1,696	1,696
22-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.44	ord 2,292	2,292
22-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 4,450	4,450
25-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 4,450	4,450
25-Apr-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord 12,212	12,212
26-Apr-16	BlackRock Fund Advisors	on mkt buy	49.44	ord 3,873	3,873
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -31,663	-31,663
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -4,307	-4,307
26-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 716	716
26-Apr-16	BlackRock (Netherlands) B.V.	on mkt buy	49.44	ord 626	626
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -2,414	-2,414
26-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 104	104
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -5,233	-5,233
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -6,158	-6,158
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -26,629	-26,629
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.44	ord -3,334	-3,334
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -3,180	-3,180
26-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord -16,671	-16,671
26-Apr-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord 22,012	22,012
27-Apr-16	BlackRock Financial Management, Inc.	on mkt sell	48.86	ord -60,786	-60,786
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 2,098	2,098
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 7,865	7,865
27-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	48.86	ord 293	293
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 26,730	26,730
27-Apr-16	BlackRock Advisors, LLC	on mkt buy	48.86	ord 4,641	4,641
27-Apr-16	BlackRock Investment Management, LLC	on mkt buy	48.86	ord 653	653
27-Apr-16	BlackRock Advisors (UK) Limited	on mkt sell	48.42	ord -2,463	-2,463
27-Apr-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.86	ord 757	757
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 1,056	1,056
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 5,716	5,716
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 2,427	2,427
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 4,264	4,264
27-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	48.42	ord 819	819
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.42	ord -143	-143
27-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	48.42	ord 1,102	1,102
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 17,350	17,350
27-Apr-16	BlackRock International Limited	on mkt buy	48.88	ord 973	973
27-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	48.86	ord 4,395	4,395
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 792	792
27-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	48.86	ord 684	684

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27-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	48.86	ord 1,912	1,912
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.86	ord 6,898	6,898
27-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.88	ord 653	653
28-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 10,140	10,140
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -20,241	-20,241
28-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	50.29	ord 124	124
28-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	50.29	ord 213	213
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -2,079	-2,079
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -7,610	-7,610
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -968	-968
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -4,074	-4,074
28-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt sell	50.29	ord -3,652	-3,652
28-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	50.29	ord 158	158
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.76	ord -1,255	-1,255
28-Apr-16	BlackRock Asset Management Canada Limited	on mkt buy	50.29	ord 1,039	1,039
28-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 716	716
28-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	50.29	ord 504	504
28-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 9,655	9,655
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -2,599	-2,599
28-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.97	ord -15,220	-15,220
29-Apr-16	BlackRock Fund Advisors	in specie	n/a	ord 7,724	7,724
29-Apr-16	BlackRock Advisors (UK) Limited	in specie	n/a	ord -2,251	-2,251
29-Apr-16	BlackRock Investment Management (UK) Limited	on mkt buy	50.82	ord 777	777
29-Apr-16	BlackRock Advisors, LLC	on mkt buy	50.82	ord 2,544	2,544
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.55	ord -130	-130
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord 11,791	11,791
29-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	50.82	ord 5,287	5,287
29-Apr-16	BlackRock Investment Management (Australia) Limited	on mkt sell	50.98	ord -4,648	-4,648
29-Apr-16	BlackRock Asset Management Canada Limited	on mkt sell	51.55	ord -251	-251
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.55	ord 1,176	1,176
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord 11,620	11,620
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord 318	318
29-Apr-16	BlackRock Investment Management, LLC	on mkt buy	50.82	ord 745	745
29-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	50.82	ord 2,687	2,687
29-Apr-16	BlackRock Investment Management (UK) Limited	on mkt buy	51.55	ord 2,098	2,098
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord 3,030	3,030
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord 8,406	8,406
29-Apr-16	BlackRock Advisors (UK) Limited	on mkt buy	50.82	ord 605	605
29-Apr-16	BlackRock International Limited	on mkt buy	50.83	ord 1,035	1,035
29-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	50.82	ord 2,403	2,403
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord 3,873	3,873

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	
29-Apr-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.82	ord	854	854
29-Apr-16	BlackRock Financial Management, Inc.	on mkt buy	50.82	ord	337	337
02-May-16	BlackRock Fund Advisors	in specie	n/a	ord	5,085	5,085
02-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.86	ord	-1,137	-1,137
02-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.86	ord	-313	-313
02-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.86	ord	-2,296	-2,296
02-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.86	ord	-13,830	-13,830
02-May-16	BlackRock Fund Advisors	in specie	n/a	ord	3,492	3,492
02-May-16	BlackRock Fund Advisors	in specie	n/a	ord	2,670	2,670
02-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.86	ord	-282	-282
02-May-16	BlackRock Fund Advisors	on mkt buy	51.18	ord	5,502	5,502
02-May-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord	-5,557	-5,557
03-May-16	BlackRock Fund Advisors	in specie	n/a	ord	10,170	10,170
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	8,296	8,296
03-May-16	BlackRock Financial Management, Inc.	on mkt buy	51.75	ord	627	627
03-May-16	BlackRock Advisors (UK) Limited	on mkt buy	51.74	ord	403	403
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	664	664
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	17,185	17,185
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	2,617	2,617
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	292	292
03-May-16	BlackRock International Limited	on mkt buy	51.75	ord	1,276	1,276
03-May-16	BlackRock Advisors (UK) Limited	on mkt buy	51.74	ord	2,280	2,280
03-May-16	BlackRock Investment Management (UK) Limited	on mkt buy	51.74	ord	626	626
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	2,571	2,571
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	1,129	1,129
03-May-16	BlackRock Advisors, LLC	on mkt buy	51.74	ord	4,028	4,028
03-May-16	BlackRock Financial Management, Inc.	on mkt buy	51.74	ord	2,718	2,718
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	10,525	10,525
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	2,614	2,614
03-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.74	ord	3,177	3,177
03-May-16	BlackRock Financial Management, Inc.	on mkt buy	51.74	ord	1,104	1,104
03-May-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord	-65,625	-65,625
04-May-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.85	ord	1,587	1,587
04-May-16	BlackRock Fund Advisors	in specie	n/a	ord	690	690
04-May-16	BlackRock Fund Advisors	in specie	n/a	ord	2,760	2,760
04-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord	-66	-66
04-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.85	ord	777	777
04-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord	-147	-147
04-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.85	ord	5,576	5,576
04-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.54	ord	-62	-62
05-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.06	ord	35,317	35,317

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05-May-16	BlackRock Financial Management, Inc.	on mkt buy	47.99	ord	1,701	1,701
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	13,990	13,990
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	2,859	2,859
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	315	315
05-May-16	BlackRock Advisors, LLC	on mkt buy	47.99	ord	3,318	3,318
05-May-16	BlackRock International Limited	on mkt buy	48.02	ord	824	824
05-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.99	ord	368	368
05-May-16	BlackRock Financial Management, Inc.	on mkt buy	47.99	ord	3,998	3,998
05-May-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.99	ord	699	699
05-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.98	ord	-193	-193
05-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.98	ord	-88	-88
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	8,753	8,753
05-May-16	BlackRock Fund Advisors	in specie	n/a	ord	1,074	1,074
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	6,083	6,083
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	4,214	4,214
05-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.99	ord	2,944	2,944
05-May-16	BlackRock Financial Management, Inc.	on mkt buy	47.99	ord	321	321
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	8,437	8,437
05-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.98	ord	-81	-81
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	3,872	3,872
05-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.99	ord	748	748
06-May-16	BlackRock Japan Co., Ltd.	on mkt buy	47.70	ord	186	186
06-May-16	BlackRock Investment Management, LLC	on mkt buy	47.75	ord	2,621	2,621
06-May-16	BlackRock Fund Advisors	in specie	n/a	ord	4,068	4,068
06-May-16	BlackRock Fund Advisors	in specie	n/a	ord	1,320	1,320
06-May-16	BlackRock Fund Advisors	in specie	n/a	ord	8,534	8,534
06-May-16	BlackRock Fund Advisors	in specie	n/a	ord	-5,793	-5,793
06-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.75	ord	1,100	1,100
06-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.75	ord	553	553
06-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.76	ord	3,361	3,361
06-May-16	BlackRock Asset Management Canada Limited	on mkt buy	47.75	ord	4,897	4,897
06-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	47.75	ord	-2,070	-2,070
06-May-16	BlackRock International Limited	on mkt sell	47.75	ord	-3,755	-3,755
06-May-16	BlackRock Advisors (UK) Limited	on mkt buy	47.75	ord	248	248
06-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.79	ord	1,172	1,172
06-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.79	ord	226	226
06-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.79	ord	2,566	2,566
06-May-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	15,760	15,760
09-May-16	BlackRock Fund Advisors	on mkt buy	46.74	ord	348	348
09-May-16	BlackRock Fund Advisors	in specie	n/a	ord	-9,655	-9,655
09-May-16	BlackRock Fund Advisors	on mkt buy	46.74	ord	3,014	3,014
09-May-16	BlackRock Advisors (UK) Limited	on mkt buy	46.92	ord	4,100	4,100
10-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.95	ord	-1,833	-1,833
10-May-16	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-3,576	-3,576

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10-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.95	ord	-260	-260
10-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.95	ord	-118	-118
10-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.95	ord	-165	-165
10-May-16	BlackRock Fund Advisors	in specie	n/a	ord	690	690
10-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.95	ord	-2,000	-2,000
10-May-16	BlackRock Fund Advisors	on mkt buy	44.51	ord	571	571
10-May-16	BlackRock Fund Advisors	on mkt buy	45.40	ord	1,474	1,474
10-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.95	ord	-1,347	-1,347
10-May-16	BlackRock Fund Advisors	on mkt buy	45.40	ord	16,081	16,081
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	1,185	1,185
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	1,494	1,494
11-May-16	BlackRock Advisors (UK) Limited	on mkt sell	46.01	ord	-429	-429
11-May-16	BlackRock Japan Co., Ltd.	on mkt buy	45.93	ord	934	934
11-May-16	BlackRock Financial Management, Inc.	on mkt buy	45.96	ord	797	797
11-May-16	BlackRock Advisors, LLC	on mkt buy	46.01	ord	727	727
11-May-16	BlackRock Financial Management, Inc.	on mkt buy	45.93	ord	1,716	1,716
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	747	747
11-May-16	BlackRock Advisors (UK) Limited	on mkt sell	46.01	ord	-1,644	-1,644
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	2,647	2,647
11-May-16	BlackRock Japan Co., Ltd.	on mkt buy	45.93	ord	1,743	1,743
11-May-16	BlackRock International Limited	on mkt buy	45.96	ord	1,154	1,154
11-May-16	BlackRock Financial Management, Inc.	on mkt buy	45.93	ord	4,183	4,183
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.96	ord	812	812
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	814	814
11-May-16	BlackRock Japan Co., Ltd.	on mkt buy	45.93	ord	3,911	3,911
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	3,028	3,028
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	3,992	3,992
11-May-16	BlackRock Fund Advisors	in specie	n/a	ord	954	954
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	753	753
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	2,097	2,097
11-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.93	ord	6,123	6,123
11-May-16	BlackRock Advisors (UK) Limited	on mkt buy	45.93	ord	314	314
11-May-16	BlackRock Japan Co., Ltd.	on mkt buy	45.93	ord	2,507	2,507
12-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.90	ord	16,107	16,107
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord	1,606	1,606
12-May-16	BlackRock Investment Management, LLC	on mkt buy	45.90	ord	327	327
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord	1,828	1,828
12-May-16	BlackRock Advisors (UK) Limited	on mkt buy	45.90	ord	316	316
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord	13,647	13,647
12-May-16	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-2,466	-2,466
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord	10,234	10,234
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord	106	106
12-May-16	BlackRock Advisors (UK) Limited	on mkt buy	45.90	ord	1,188	1,188

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12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord 485	485
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.90	ord -1,628	-1,628
12-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.12	ord 123	123
12-May-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord 5,429	5,429
13-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.75	ord 3,782	3,782
13-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.75	ord 854	854
13-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.75	ord 1,640	1,640
13-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.75	ord 742	742
13-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.65	ord 5,754	5,754
13-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.75	ord 4,299	4,299
13-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.75	ord 363	363
13-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.75	ord 1,809	1,809
13-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.75	ord 1,169	1,169
13-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.75	ord 1,855	1,855
13-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.75	ord 7,253	7,253
13-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.75	ord 1,463	1,463
13-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.75	ord 339	339
16-May-16	BlackRock Fund Advisors	in specie	n/a	ord 2,506	2,506
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 2,301	2,301
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.21	ord -1,667	-1,667
16-May-16	BlackRock Fund Advisors	in specie	n/a	ord 9,665	9,665
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 22,618	22,618
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 28,764	28,764
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 8,277	8,277
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 3,706	3,706
16-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	45.21	ord -1,699	-1,699
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 23,354	23,354
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 3,581	3,581
16-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.93	ord 2,439	2,439
17-May-16	BlackRock Financial Management, Inc.	on mkt buy	45.80	ord 1,612	1,612
17-May-16	BlackRock Financial Management, Inc.	on mkt buy	45.80	ord 3,879	3,879
17-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ord 1,189	1,189
17-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ord 6,845	6,845
17-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ord 2,456	2,456
17-May-16	BlackRock Fund Advisors	in specie	n/a	ord 1,320	1,320
17-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ord 1,656	1,656
17-May-16	BlackRock Fund Advisors	in specie	n/a	ord 3,816	3,816
17-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.80	ord 3,715	3,715
17-May-16	BlackRock Financial Management, Inc.	on mkt buy	45.80	ord 45,810	45,810
17-May-16	BlackRock Fund Advisors	in specie	n/a	ord 104	104

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17-May-16	BlackRock Financial Management, Inc.	on mkt sell	45.87	ord -3,648	-3,648
17-May-16	BlackRock Japan Co., Ltd.	on mkt buy	45.80	ord 944	944
17-May-16	BlackRock Fund Advisors	in specie	n/a	ord 1,590	1,590
17-May-16	BlackRock International Limited	on mkt buy	45.80	ord 828	828
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 2,203	2,203
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 8,338	8,338
18-May-16	BlackRock Advisors (UK) Limited	on mkt buy	45.82	ord 127	127
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 1,805	1,805
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 17,174	17,174
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 555	555
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 6,888	6,888
18-May-16	BlackRock Fund Advisors	in specie	n/a	ord 104	104
18-May-16	BlackRock Investment Management (UK) Limited	on mkt sell	46.07	ord -2,024	-2,024
18-May-16	BlackRock Fund Advisors	in specie	n/a	ord 1,590	1,590
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 53,021	53,021
18-May-16	BlackRock Fund Advisors	on mkt buy	45.91	ord 1,225	1,225
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 33,536	33,536
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 1,860	1,860
18-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.76	ord 1,578	1,578
19-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.42	ord 2,022	2,022
19-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.27	ord -3,297	-3,297
19-May-16	BlackRock Investment Management, LLC	on mkt buy	44.42	ord 1,071	1,071
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 3,047	3,047
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 899	899
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 1,092	1,092
19-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.42	ord 3,171	3,171
19-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.42	ord 1,641	1,641
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 1,500	1,500
19-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.37	ord 1,122	1,122
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 17,715	17,715
19-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.42	ord 820	820
19-May-16	BlackRock Investment Management (UK) Limited	on mkt buy	44.42	ord 769	769
19-May-16	BlackRock Asset Management Canada Limited	on mkt buy	44.42	ord 750	750
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 185	185
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.37	ord 1,183	1,183
19-May-16	BlackRock Investment Management (UK) Limited	on mkt buy	44.42	ord 750	750
19-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.42	ord 411	411
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 2,914	2,914
19-May-16	BlackRock International Limited	on mkt buy	44.37	ord 1,467	1,467
19-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.42	ord 3,020	3,020
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 3,784	3,784

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19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 337	337
19-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.42	ord 6,918	6,918
19-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.42	ord 780	780
19-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.42	ord 2,476	2,476
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 6,507	6,507
19-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.42	ord 504	504
19-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.42	ord 342	342
19-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.42	ord 855	855
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.04	ord -1,114	-1,114
20-May-16	BlackRock Advisors (UK) Limited	on mkt buy	45.04	ord 217	217
20-May-16	BlackRock Fund Advisors	in specie	n/a	ord 6,102	6,102
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 3,490	3,490
20-May-16	BlackRock Asset Management Canada Limited	on mkt sell	45.04	ord -1,717	-1,717
20-May-16	BlackRock Advisors (UK) Limited	on mkt buy	45.04	ord 1,543	1,543
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 3,127	3,127
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 44,753	44,753
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 4,738	4,738
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 3,272	3,272
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 2,030	2,030
20-May-16	BlackRock Fund Advisors	on mkt buy	45.04	ord 567	567
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 1,148	1,148
20-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.11	ord 20,158	20,158
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 778	778
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 538	538
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 573	573
23-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.01	ord -78,565	-78,565
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 7,350	7,350
23-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.00	ord 3,027	3,027
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 333	333
23-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.00	ord -4,298	-4,298
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 514	514
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 189	189
23-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.00	ord -1,070	-1,070
23-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.00	ord 153	153
23-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.00	ord -3,308	-3,308
23-May-16	BlackRock Fund Advisors	on mkt buy	44.55	ord 7,412	7,412
23-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 3,311	3,311
24-May-16	BlackRock Financial Management, Inc.	in specie	n/a	ord 19,339	19,339
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.30	ord 1,644	1,644
24-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.20	ord -6,616	-6,616
24-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.20	ord -1,099	-1,099
24-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.20	ord 13,962	13,962
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.30	ord 20,282	20,282

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
24-May-16	BlackRock Advisors (UK) Limited	on mkt sell 44.20	ord -5,789	-5,789
24-May-16	BlackRock Advisors (UK) Limited	on mkt sell 44.20	ord -23,156	-23,156
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 44.30	ord 499	499
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 44.30	ord 214	214
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 44.30	ord 864	864
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 44.30	ord 1,521	1,521
24-May-16	BlackRock Advisors (UK) Limited	on mkt sell 44.29	ord -1,654	-1,654
24-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 44.30	ord 2,055	2,055
25-May-16	BlackRock Investment Management (UK) Limited	on mkt buy 45.17	ord 1,622	1,622
25-May-16	BlackRock Advisors (UK) Limited	on mkt sell 45.03	ord -2,481	-2,481
25-May-16	BlackRock Advisors (UK) Limited	in specie n/a	ord -3,766	-3,766
25-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.17	ord 7,136	7,136
25-May-16	BlackRock Advisors (UK) Limited	on mkt buy 45.17	ord 2,717	2,717
25-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.17	ord 4,532	4,532
25-May-16	BlackRock Financial Management, Inc.	on mkt buy 45.17	ord 5,863	5,863
25-May-16	BlackRock Financial Management, Inc.	on mkt buy 45.17	ord 2,798	2,798
25-May-16	BlackRock Japan Co., Ltd.	on mkt buy 45.17	ord 787	787
25-May-16	BlackRock International Limited	on mkt buy 45.17	ord 828	828
25-May-16	BlackRock Fund Advisors	on mkt sell 45.03	ord -567	-567
25-May-16	BlackRock Japan Co., Ltd.	on mkt buy 45.17	ord 1,834	1,834
25-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.17	ord 2,905	2,905
25-May-16	BlackRock Advisors (UK) Limited	on mkt buy 45.17	ord 337	337
25-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.03	ord 43,602	43,602
25-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.17	ord 2,355	2,355
25-May-16	BlackRock Japan Co., Ltd.	on mkt buy 45.17	ord 1,016	1,016
25-May-16	BlackRock Fund Advisors	in specie n/a	ord 10,200	10,200
25-May-16	BlackRock Institutional Trust Company, National Association	in specie n/a	ord 11,015	11,015
25-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.17	ord 5,347	5,347
26-May-16	BlackRock Advisors (UK) Limited	on mkt buy 45.48	ord 160	160
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 6,311	6,311
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 518	518
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 3,027	3,027
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 645	645
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 1,974	1,974
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 7,002	7,002
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 1,711	1,711
26-May-16	BlackRock Advisors (UK) Limited	on mkt sell 45.48	ord -4,962	-4,962
26-May-16	BlackRock Advisors (UK) Limited	on mkt sell 45.48	ord -2,481	-2,481
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 2,531	2,531
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 2,037	2,037
26-May-16	BlackRock Fund Advisors	in specie n/a	ord -5,799	-5,799
26-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy 45.52	ord 16,714	16,714
27-May-16	BlackRock Advisors (UK) Limited	on mkt buy 44.79	ord 19,776	19,776
27-May-16	BlackRock Financial Management, Inc.	on mkt buy 44.80	ord 3,939	3,939

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27-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.80	ord 1,532	1,532
27-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.80	ord 1,477	1,477
27-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.80	ord 1,084	1,084
27-May-16	BlackRock Japan Co., Ltd.	on mkt buy	44.80	ord 762	762
27-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.83	ord -814	-814
27-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.80	ord 904	904
27-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.80	ord 3,758	3,758
27-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.83	ord 213	213
27-May-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.80	ord 1,280	1,280
27-May-16	BlackRock Financial Management, Inc.	in specie	n/a	ord -2,848	-2,848
28-May-16	BlackRock Financial Management, Inc.	in specie	n/a	ord -2,435	-2,435
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 12,129	12,129
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 1,048	1,048
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 13,408	13,408
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 1,209	1,209
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 680	680
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 1,293	1,293
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.75	ord 2,568	2,568
30-May-16	BlackRock Fund Advisors	on mkt buy	44.78	ord 243	243
30-May-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.69	ord -2,040	-2,040
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -1,214	-1,214
31-May-16	BlackRock Financial Management, Inc.	on mkt sell	44.70	ord -472	-472
31-May-16	BlackRock Fund Advisors	on mkt buy	44.68	ord 875	875
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -406	-406
31-May-16	BlackRock Investment Management, LLC	on mkt sell	44.70	ord -1,801	-1,801
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -4,397	-4,397
31-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.68	ord 164	164
31-May-16	BlackRock (Netherlands) B.V.	on mkt sell	44.70	ord -700	-700
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -11,142	-11,142
31-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.70	ord -9,134	-9,134
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -15,134	-15,134
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -2,178	-2,178
31-May-16	BlackRock Financial Management, Inc.	on mkt buy	44.69	ord 59,128	59,128
31-May-16	BlackRock Investment Management, LLC	on mkt sell	44.70	ord -1,265	-1,265
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -2,299	-2,299
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -998	-998
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -5,093	-5,093
31-May-16	BlackRock Investment Management, LLC	on mkt sell	44.70	ord -1,375	-1,375
31-May-16	BlackRock Fund Advisors	in specie	n/a	ord 6,237	6,237
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -2,051	-2,051
31-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.70	ord -1,352	-1,352

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31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -10,762	-10,762
31-May-16	BlackRock Investment Management (UK) Limited	on mkt sell	44.70	ord -1,904	-1,904
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -7,806	-7,806
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -4,230	-4,230
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -3,389	-3,389
31-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.70	ord -3,039	-3,039
31-May-16	BlackRock Investment Management (UK) Limited	on mkt sell	44.70	ord -3,428	-3,428
31-May-16	BlackRock Advisors (UK) Limited	on mkt sell	44.70	ord -1,066	-1,066
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -501	-501
31-May-16	BlackRock Advisors (UK) Limited	on mkt buy	44.68	ord 499	499
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -6,556	-6,556
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -1,370	-1,370
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -785	-785
31-May-16	BlackRock Advisors (UK) Limited	in specie	n/a	ord 10,035	10,035
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -2,692	-2,692
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -54	-54
31-May-16	BlackRock International Limited	on mkt buy	44.68	ord 3,264	3,264
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.69	ord -1,377	-1,377
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.69	ord -2,380	-2,380
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -1,196	-1,196
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -198	-198
31-May-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.70	ord -656	-656
31-May-16	BlackRock Fund Advisors	on mkt sell	44.70	ord -11,858	-11,858
01-Jun-16	BlackRock Fund Advisors	on mkt buy	43.79	ord 4,423	4,423
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 11,257	11,257
01-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.79	ord 125	125
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.05	ord -1,114	-1,114
01-Jun-16	BlackRock Fund Advisors	on mkt buy	43.80	ord 1,050	1,050
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 6,708	6,708
01-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.79	ord 828	828
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 869	869
01-Jun-16	BlackRock Fund Advisors	on mkt buy	43.79	ord 2,172	2,172
01-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.79	ord 125	125
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 1,896	1,896
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 609	609
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.94	ord -10,248	-10,248
01-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	43.79	ord -2,478	-2,478
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 3,235	3,235
01-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 901	901
02-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	43.06	ord 953	953
02-Jun-16	BlackRock Japan Co., Ltd.	on mkt sell	43.40	ord -321	-321
02-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	42.90	ord 832	832
02-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	43.38	ord 23,611	23,611
02-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.06	ord 1,573	1,573
02-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.14	ord -1,177	-1,177
02-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	42.90	ord -8,914	-8,914

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02-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	42.90 ord	-2,478 -2,478
02-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	43.06 ord	1,387 1,387
02-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.06 ord	2,746 2,746
02-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	43.06 ord	326 326
02-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	9,635 9,635
02-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	716 716
02-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.06 ord	6,030 6,030
02-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.06 ord	11,081 11,081
02-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	43.06 ord	2,510 2,510
02-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	43.06 ord	5,981 5,981
02-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	43.06 ord	1,809 1,809
02-Jun-16	BlackRock Fund Advisors	on mkt sell	42.90 ord	-13,552 -13,552
03-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.19 ord	235 235
03-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.19 ord	9,546 9,546
03-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.15 ord	-205 -205
03-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.19 ord	529 529
03-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.19 ord	1,798 1,798
03-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.54 ord	829 829
03-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.19 ord	723 723
06-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	2,148 2,148
06-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	3,854 3,854
06-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	14,036 14,036
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	548 548
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	2,646 2,646
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	922 922
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	38,132 38,132
07-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.04 ord	7,754 7,754
07-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	46.09 ord	-5,188 -5,188
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	1,290 1,290
07-Jun-16	BlackRock Asset Management Canada Limited	on mkt sell	46.04 ord	-162 -162
07-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	46.09 ord	-9,878 -9,878
07-Jun-16	BlackRock Advisors, LLC	on mkt sell	46.09 ord	-1,689 -1,689
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	7,235 7,235
07-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	46.09 ord	-2,405 -2,405
07-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.13 ord	1,556 1,556
07-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	9,635 9,635
08-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	3,854 3,854
08-Jun-16	BlackRock Investment Management, LLC	on mkt buy	45.20 ord	433 433
08-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	3,854 3,854
08-Jun-16	BlackRock Fund Advisors	on mkt buy	45.17 ord	4,115 4,115
08-Jun-16	BlackRock Fund Advisors	on mkt buy	45.17 ord	869 869
08-Jun-16	BlackRock Fund Advisors	in specie	n/a ord	7,497 7,497
09-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	45.52 ord	2,096 2,096
09-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.52 ord	745 745

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09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	1,150	1,150
09-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.52	ord	2,459	2,459
09-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.52	ord	4,376	4,376
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	1,248	1,248
09-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.52	ord	7,612	7,612
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	571	571
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	9,129	9,129
09-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	45.52	ord	2,145	2,145
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	1,306	1,306
09-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.52	ord	869	869
09-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	45.52	ord	1,504	1,504
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	19,279	19,279
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.48	ord	550	550
09-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	45.52	ord	5,033	5,033
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.48	ord	6,906	6,906
09-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	45.52	ord	1,572	1,572
09-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	45.44	ord	1,016	1,016
10-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.08	ord	7,461	7,461
10-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.12	ord	-25,757	-25,757
10-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord	1,276	1,276
10-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord	5,781	5,781
10-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.44	ord	341	341
10-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.08	ord	252	252
10-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord	7,708	7,708
14-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	43.47	ord	-19,904	-19,904
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	26,143	26,143
14-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.55	ord	1,488	1,488
14-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	43.47	ord	-16,352	-16,352
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	5,264	5,264
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	2,074	2,074
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	829	829
14-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	43.38	ord	394	394
14-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	43.55	ord	1,764	1,764
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	2,777	2,777
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	1,155	1,155
14-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	43.53	ord	-828	-828
14-Jun-16	BlackRock (Singapore) Limited	in specie	n/a	ord	988	988
14-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord	5,781	5,781
14-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord	6,174	6,174
14-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.55	ord	728	728
15-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	42.96	ord	-4,130	-4,130
15-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	42.96	ord	-234	-234
15-Jun-16	BlackRock Asset Management Canada Limited	on mkt sell	42.96	ord	-147	-147
15-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord	-7,020	-7,020

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15-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord -2,266 -2,266
15-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	42.96	ord -8,260 -8,260
15-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	42.99	ord 8,575 8,575
15-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	42.96	ord -792 -792
16-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 10,200 10,200
16-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	43.21	ord 2,849 2,849
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 296 296
16-Jun-16	BlackRock Asset Management Canada Limited	on mkt buy	43.01	ord 1,039 1,039
16-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.21	ord 1,461 1,461
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 1,086 1,086
16-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.21	ord 2,815 2,815
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 1,703 1,703
16-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	43.21	ord 1,276 1,276
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 4,369 4,369
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 1,446 1,446
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 112 112
16-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	43.01	ord 7,104 7,104
16-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	43.01	ord -630 -630
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 10,162 10,162
16-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.21	ord 2,054 2,054
16-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.21	ord 307 307
16-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.21	ord 1,127 1,127
17-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 4,410 4,410
17-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.41	ord 6,452 6,452
17-Jun-16	BlackRock Fund Advisors	on mkt buy	43.41	ord 11,214 11,214
17-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.42	ord 4,140 4,140
17-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.42	ord 3,450 3,450
17-Jun-16	BlackRock Asset Management Canada Limited	on mkt buy	43.41	ord 334 334
17-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	43.41	ord 951 951
17-Jun-16	BlackRock Fund Advisors	on mkt buy	43.41	ord 360 360
17-Jun-16	BlackRock Investment Management (UK) Limited	on mkt sell	43.42	ord -876 -876
17-Jun-16	BlackRock Financial Management, Inc.	on mkt sell	43.42	ord -1,023 -1,023
17-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	43.41	ord 3,752 3,752
17-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 3,528 3,528
17-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	43.42	ord -1,008 -1,008
17-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	43.42	ord -1,652 -1,652
20-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.47	ord -6,259 -6,259
20-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.47	ord -426 -426
20-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.47	ord -447 -447
20-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.47	ord -873 -873
20-Jun-16	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 55,033 55,033

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
20-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.47	ord -1,551	-1,551
20-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.42	ord 8,260	8,260
20-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.79	ord 3,304	3,304
20-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.79	ord -19,034	-19,034
20-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.47	ord -376	-376
21-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.35	ord 1,386	1,386
21-Jun-16	BlackRock Fund Advisors	on mkt sell	44.21	ord -630	-630
21-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.35	ord 2,885	2,885
21-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.35	ord 2,147	2,147
21-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.35	ord 1,088	1,088
21-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	44.35	ord 1,394	1,394
21-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 9,702	9,702
21-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.21	ord 2,065	2,065
21-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.35	ord 956	956
21-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	44.21	ord 4,039	4,039
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -5,295	-5,295
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -13,552	-13,552
22-Jun-16	BlackRock Japan Co., Ltd.	on mkt sell	44.58	ord -254	-254
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -5,687	-5,687
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -9,870	-9,870
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -3,542	-3,542
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -24,464	-24,464
22-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.75	ord -16,553	-16,553
22-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.75	ord -1,637	-1,637
22-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.75	ord -1,121	-1,121
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -22	-22
22-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.58	ord 605	605
22-Jun-16	BlackRock Fund Advisors	on mkt sell	44.58	ord -9,861	-9,861
23-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	45.80	ord -318	-318
23-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord -5,706	-5,706
23-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.53	ord 1,019	1,019
23-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	45.80	ord -823	-823
23-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	45.53	ord 19,552	19,552
23-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	45.06	ord 1,274	1,274
23-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	45.50	ord -780	-780
23-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	45.80	ord 2,139	2,139
23-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	45.80	ord -1,685	-1,685
24-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord -17,118	-17,118
24-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.17	ord -405	-405
24-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.17	ord -4,943	-4,943
24-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.17	ord -784	-784
24-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.17	ord -10,039	-10,039
24-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 8,820	8,820
24-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	42.83	ord 166	166
27-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.94	ord -10,717	-10,717

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27-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.94	ord -432	-432
27-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.94	ord -5,277	-5,277
27-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	43.32	ord -28,799	-28,799
27-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord -5,706	-5,706
27-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.07	ord 151	151
27-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell	44.07	ord -2,731	-2,731
27-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	43.94	ord -837	-837
28-Jun-16	BlackRock Fund Advisors	on mkt buy	43.35	ord 36	36
28-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.20	ord 333	333
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	44.20	ord -42,588	-42,588
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 1,902	1,902
28-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 10,070	10,070
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 1,402	1,402
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 2,108	2,108
28-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.20	ord 630	630
28-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord -3,804	-3,804
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 20,407	20,407
28-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 638	638
28-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 104	104
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	43.96	ord 3,670	3,670
28-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	44.20	ord 1,386	1,386
28-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 16,112	16,112
28-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.20	ord 1,667	1,667
29-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.96	ord 2,741	2,741
29-Jun-16	BlackRock Investment Management, LLC	on mkt sell	45.08	ord -1,628	-1,628
29-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	44.96	ord 1,021	1,021
29-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.96	ord 1,355	1,355
29-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.94	ord 27,721	27,721
29-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt buy	44.83	ord 507	507
29-Jun-16	BlackRock Financial Management, Inc.	on mkt buy	44.96	ord 2,655	2,655
29-Jun-16	BlackRock Fund Advisors	on mkt sell	45.08	ord -618	-618
29-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell	44.83	ord -27,562	-27,562
29-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 3,021	3,021
29-Jun-16	BlackRock Fund Advisors	in specie	n/a	ord 3,087	3,087
29-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.96	ord 2,717	2,717
29-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.96	ord 3,550	3,550
29-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	44.96	ord 3,199	3,199
30-Jun-16	BlackRock Japan Co., Ltd.	on mkt buy	45.56	ord 300	300
30-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.50	ord 2,327	2,327
30-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell	45.44	ord -1,534	-1,534
30-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.50	ord 7,816	7,816
30-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy	45.50	ord 3,829	3,829
30-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy	45.50	ord 4,130	4,130

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30-Jun-16	BlackRock Investment Management (UK) Limited	on mkt buy 45.50	ord 22,695	22,695
30-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy 45.50	ord 111	111
30-Jun-16	BlackRock Advisors (UK) Limited	on mkt buy 45.50	ord 333	333
30-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt sell 45.50	ord -1,280	-1,280
30-Jun-16	BlackRock Investment Management (UK) Limited	on mkt buy 45.50	ord 1,017	1,017
30-Jun-16	BlackRock Advisors (UK) Limited	on mkt sell 45.50	ord -13,362	-13,362
30-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell 45.41	ord -9,893	-9,893
30-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell 45.41	ord -515	-515
30-Jun-16	BlackRock Fund Advisors	in specie n/a	ord 2,635	2,635
30-Jun-16	BlackRock Fund Advisors	on mkt buy 45.66	ord 7,776	7,776
30-Jun-16	BlackRock Investment Management (Australia) Limited	on mkt sell 45.50	ord -15,008	-15,008
30-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.50	ord 2,709	2,709
30-Jun-16	BlackRock Institutional Trust Company, National Association	on mkt buy 45.44	ord 866	866
30-Jun-16	BlackRock Fund Advisors	on mkt sell 45.50	ord -450	-450
01-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 46.07	ord 630	630
01-Jul-16	BlackRock Japan Co., Ltd.	on mkt buy 46.07	ord 248	248
01-Jul-16	BlackRock Fund Advisors	in specie n/a	ord 11,121	11,121
01-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 46.07	ord 111	111
04-Jul-16	BlackRock Investment Management (Australia) Limited	in specie n/a	ord -36,855	-36,855
04-Jul-16	BlackRock Fund Advisors	on mkt sell 47.78	ord -591	-591
04-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.65	ord -751	-751
04-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.65	ord -52	-52
04-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.65	ord -99	-99
04-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 47.54	ord 160	160
05-Jul-16	BlackRock Institutional Trust Company, National Association	in specie n/a	ord 2,853	2,853
05-Jul-16	BlackRock Institutional Trust Company, National Association	in specie n/a	ord -2,853	-2,853
05-Jul-16	BlackRock Fund Advisors	in specie n/a	ord -3,798	-3,798
05-Jul-16	BlackRock Financial Management, Inc.	on mkt buy 47.87	ord 29,883	29,883
05-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell 47.77	ord -1,204	-1,204
05-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 47.77	ord 111	111
05-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 47.96	ord -4,233	-4,233
06-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 46.81	ord 829	829
06-Jul-16	BlackRock Fund Advisors	in specie n/a	ord 8,088	8,088
06-Jul-16	BlackRock Investment Management, LLC	on mkt buy 46.75	ord 790	790
06-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 46.70	ord 1,038	1,038
06-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 46.81	ord 1,574	1,574
06-Jul-16	BlackRock Fund Advisors	on mkt buy 46.81	ord 4,527	4,527
06-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 46.67	ord -19,880	-19,880
06-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 46.81	ord 1,236	1,236
06-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 46.67	ord -1,884	-1,884
06-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 46.70	ord 745	745
06-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell 46.81	ord -320	-320
06-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 46.81	ord 617	617
06-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 46.67	ord -1,437	-1,437

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06-Jul-16	BlackRock Fund Advisors	on mkt buy	46.75	ord 1,903	1,903
06-Jul-16	BlackRock Investment Management (UK) Limited	on mkt sell	46.81	ord -714	-714
06-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.81	ord 4,739	4,739
07-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.37	ord -377	-377
07-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	47.38	ord 150	150
07-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord 15,165	15,165
07-Jul-16	BlackRock Fund Advisors	on mkt buy	47.61	ord 1,211	1,211
07-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.37	ord -287	-287
07-Jul-16	BlackRock (Netherlands) B.V.	on mkt buy	47.38	ord 692	692
07-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.37	ord -3,972	-3,972
07-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	47.38	ord -1,188	-1,188
07-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.38	ord 17,132	17,132
07-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	47.38	ord -856	-856
07-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	47.38	ord 1,654	1,654
07-Jul-16	BlackRock Fund Advisors	on mkt buy	47.61	ord 1,733	1,733
07-Jul-16	BlackRock Fund Advisors	on mkt buy	47.61	ord 3,703	3,703
07-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	47.38	ord 252	252
07-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.38	ord 975	975
08-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	48.30	ord 1,335	1,335
08-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.92	ord 1,165	1,165
08-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.89	ord -285	-285
08-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.89	ord -6,225	-6,225
08-Jul-16	BlackRock Fund Advisors	on mkt buy	47.18	ord 5,934	5,934
08-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.92	ord 1,118	1,118
08-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	48.30	ord -666	-666
08-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.89	ord -981	-981
11-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.52	ord 4,743	4,743
11-Jul-16	BlackRock Fund Advisors	on mkt buy	49.52	ord 3,868	3,868
11-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord -3,528	-3,528
11-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.52	ord 1,658	1,658
11-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.52	ord 1,537	1,537
12-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	49.64	ord 2,015	2,015
12-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.63	ord -776	-776
12-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.40	ord 1,512	1,512
12-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	49.64	ord 1,084	1,084
12-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.64	ord 692	692
12-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.63	ord -24,446	-24,446
12-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.64	ord 2,983	2,983
12-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.64	ord 1,312	1,312
12-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.64	ord 1,957	1,957
12-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.63	ord -909	-909
12-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.63	ord -539	-539
12-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.63	ord -1,666	-1,666
12-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.64	ord 1,104	1,104

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12-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.63	ord	-3,661	-3,661
13-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.63	ord	3,316	3,316
13-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	50.78	ord	-293	-293
13-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	50.78	ord	-222	-222
14-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord	10,140	10,140
14-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.15	ord	840	840
14-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.20	ord	300	300
14-Jul-16	BlackRock Financial Management, Inc.	on mkt sell	50.20	ord	-1,181	-1,181
14-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.20	ord	1,031	1,031
14-Jul-16	BlackRock Investment Management, LLC	on mkt sell	50.20	ord	-5,896	-5,896
14-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.15	ord	612	612
14-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.15	ord	12,528	12,528
14-Jul-16	BlackRock Investment Management, LLC	on mkt sell	50.20	ord	-1,516	-1,516
14-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.15	ord	1,954	1,954
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	2,599	2,599
15-Jul-16	BlackRock Investment Management (UK) Limited	on mkt buy	50.82	ord	3,187	3,187
15-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.55	ord	1,733	1,733
15-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	50.68	ord	1,734	1,734
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	1,178	1,178
15-Jul-16	BlackRock Asset Management Canada Limited	on mkt buy	50.82	ord	128	128
15-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	50.68	ord	809	809
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	1,656	1,656
15-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord	-7,656	-7,656
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.55	ord	16,924	16,924
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	1,611	1,611
15-Jul-16	BlackRock Fund Advisors	on mkt buy	50.55	ord	1,139	1,139
15-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.82	ord	686	686
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	1,004	1,004
15-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.82	ord	1,373	1,373
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	4,182	4,182
15-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.68	ord	881	881
15-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.82	ord	2,648	2,648
18-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.20	ord	979	979
18-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.20	ord	1,223	1,223
18-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.20	ord	9,233	9,233
18-Jul-16	BlackRock Fund Advisors	on mkt buy	50.26	ord	30,816	30,816
18-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.19	ord	3,310	3,310
18-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord	10,413	10,413
18-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.19	ord	82	82
18-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	50.14	ord	-861	-861

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
18-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.20	ord 1,954	1,954
18-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord -930	-930
19-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	49.62	ord 1,078	1,078
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.62	ord 1,387	1,387
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.60	ord 981	981
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.62	ord 2,323	2,323
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.62	ord 767	767
19-Jul-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -5,939	-5,939
19-Jul-16	BlackRock Japan Co., Ltd.	on mkt buy	49.62	ord 656	656
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.99	ord -12,265	-12,265
19-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	49.62	ord 10,940	10,940
19-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	49.62	ord 2,468	2,468
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.62	ord 5,005	5,005
19-Jul-16	BlackRock Japan Co., Ltd.	on mkt buy	49.62	ord 707	707
19-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.63	ord 1,066	1,066
20-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.92	ord -601	-601
20-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.92	ord -51	-51
20-Jul-16	BlackRock Fund Advisors	on mkt buy	48.00	ord 526	526
20-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	48.00	ord 11,900	11,900
20-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.92	ord -342	-342
20-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.92	ord -975	-975
20-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.92	ord -2,929	-2,929
20-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.92	ord -10,007	-10,007
21-Jul-16	BlackRock Advisors, LLC	on mkt buy	48.43	ord 697	697
21-Jul-16	BlackRock Japan Co., Ltd.	on mkt buy	48.43	ord 952	952
21-Jul-16	BlackRock International Limited	on mkt buy	48.42	ord 998	998
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.43	ord 1,208	1,208
21-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	48.43	ord 1,293	1,293
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.42	ord 1,322	1,322
21-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	48.43	ord 1,474	1,474
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.43	ord 6,022	6,022
21-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	48.43	ord 3,279	3,279
21-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	48.42	ord 696	696
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.43	ord 3,540	3,540
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.43	ord 3,376	3,376
21-Jul-16	BlackRock Advisors, LLC	on mkt sell	48.24	ord -4,672	-4,672
21-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	48.43	ord 1,164	1,164
21-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	48.43	ord 840	840
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.43	ord 7,928	7,928
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.43	ord 1,405	1,405
21-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	48.52	ord -151	-151

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21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.43	ord 1,391	1,391
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.43	ord 8,798	8,798
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.43	ord 1,512	1,512
21-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.43	ord 1,537	1,537
21-Jul-16	BlackRock Fund Advisors	in specie n/a	ord -3,528	-3,528
21-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell 48.52	ord -1,658	-1,658
21-Jul-16	BlackRock Japan Co., Ltd.	on mkt buy 48.43	ord 1,116	1,116
22-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.62	ord 1,546	1,546
22-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell 48.35	ord -636	-636
22-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.62	ord 7,536	7,536
22-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.62	ord 984	984
22-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.62	ord 298	298
25-Jul-16	BlackRock Asset Management North Asia Limited	on mkt sell 48.14	ord -581	-581
25-Jul-16	BlackRock Fund Advisors	in specie n/a	ord -620	-620
25-Jul-16	BlackRock Fund Advisors	in specie n/a	ord 12,168	12,168
26-Jul-16	BlackRock Fund Advisors	in specie n/a	ord 34,710	34,710
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.41	ord 177	177
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.39	ord 5,986	5,986
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt sell 48.68	ord -18,292	-18,292
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 2,356	2,356
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.39	ord 1,261	1,261
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 2,789	2,789
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell 48.68	ord -151	-151
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 48.68	ord 9,075	9,075
26-Jul-16	BlackRock Fund Advisors	on mkt buy 48.68	ord 14	14
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 48.68	ord 126	126
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 2,617	2,617
26-Jul-16	BlackRock Japan Co., Ltd.	on mkt sell 48.68	ord -951	-951
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.39	ord 3,399	3,399
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 6,803	6,803
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 1,122	1,122
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 4,790	4,790
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.41	ord 1,467	1,467
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 48.18	ord 1,102	1,102
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 774	774
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 48.18	ord 1,650	1,650
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 48.56	ord 7,425	7,425
26-Jul-16	BlackRock Financial Management, Inc.	on mkt buy 48.39	ord 2,232	2,232
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.39	ord 11,209	11,209
26-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy 48.68	ord 4,950	4,950
26-Jul-16	BlackRock Financial Management, Inc.	on mkt buy 48.39	ord 1,075	1,075
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy 48.39	ord 1,179	1,179
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.39	ord 705	705

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26-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord	8,112	8,112
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.39	ord	2,816	2,816
26-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.39	ord	2,939	2,939
26-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.39	ord	935	935
27-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.60	ord	111	111
27-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.60	ord	4,125	4,125
27-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord	1,277	1,277
27-Jul-16	BlackRock Fund Advisors	on mkt buy	49.43	ord	744	744
27-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord	13,900	13,900
27-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.60	ord	450	450
27-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.60	ord	1,116	1,116
27-Jul-16	BlackRock Advisors (UK) Limited	in specie	n/a	ord	140,250	140,250
27-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.76	ord	1,156	1,156
27-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.60	ord	8,250	8,250
27-Jul-16	BlackRock Financial Management, Inc.	on mkt buy	49.71	ord	12,221	12,221
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.16	ord	238	238
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord	2,722	2,722
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord	5,747	5,747
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.16	ord	30	30
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord	734	734
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	1,564	1,564
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord	347	347
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.16	ord	64	64
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord	1,536	1,536
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	14,919	14,919
28-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.64	ord	7,425	7,425
28-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.64	ord	453	453
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord	1,555	1,555
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	12,266	12,266
28-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.64	ord	2,142	2,142
28-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.64	ord	8,250	8,250
28-Jul-16	BlackRock Japan Co., Ltd.	on mkt buy	50.25	ord	599	599
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord	321	321
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	1,444	1,444
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord	3,312	3,312
28-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	50.64	ord	-2,140	-2,140
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord	485	485
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	2,182	2,182
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	1,200	1,200
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord	267	267
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	1,000	1,000
28-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	50.64	ord	5,775	5,775
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord	9,646	9,646

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28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord 2,140	2,140
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.16	ord 45	45
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord 1,080	1,080
28-Jul-16	BlackRock Fund Advisors	on mkt buy	50.64	ord 2,427	2,427
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord 296	296
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord 2,611	2,611
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.16	ord 108	108
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.67	ord 1,334	1,334
28-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	50.04	ord 219	219
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.67	ord 1,530	1,530
28-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.16	ord 63	63
29-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord -1,395	-1,395
29-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.56	ord 1,951	1,951
29-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord -310	-310
29-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.56	ord 2,487	2,487
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.56	ord -2,645	-2,645
29-Jul-16	BlackRock Investment Management, LLC	on mkt buy	49.56	ord 481	481
29-Jul-16	BlackRock Asset Management Canada Limited	on mkt sell	49.56	ord -43	-43
29-Jul-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.56	ord 35,707	35,707
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.56	ord 527	527
29-Jul-16	BlackRock Advisors (UK) Limited	on mkt sell	49.56	ord -860	-860
29-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.56	ord 225	225
29-Jul-16	BlackRock Fund Advisors	in specie	n/a	ord 9,575	9,575
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.56	ord -1,387	-1,387
29-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.56	ord 1,658	1,658
29-Jul-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord 3,549	3,549
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.56	ord -2,959	-2,959
29-Jul-16	BlackRock Advisors (UK) Limited	on mkt buy	49.56	ord 479	479
29-Jul-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -3,549	-3,549
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.56	ord -4,780	-4,780
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.56	ord 3,033	3,033
29-Jul-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.56	ord 5,350	5,350
29-Jul-16	BlackRock Fund Advisors	on mkt buy	49.56	ord 205	205
29-Jul-16	BlackRock Fund Advisors	on mkt buy	49.56	ord 2,075	2,075
01-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 3,528	3,528
01-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	49.70	ord -2,210	-2,210
01-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.70	ord 829	829
01-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.70	ord 8,607	8,607
01-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.70	ord 832	832
02-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.41	ord -612	-612
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 18,780	18,780
02-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.41	ord 126	126
02-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.41	ord 225	225
02-Aug-16	BlackRock Investment Management (UK) Limited	on mkt sell	49.41	ord -699	-699
02-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 10,461	10,461

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02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 7,237	7,237
02-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	49.41	ord -428	-428
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 883	883
02-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.41	ord 208	208
02-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 13,182	13,182
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 1,412	1,412
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 230	230
02-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.41	ord 1,658	1,658
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 1,815	1,815
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 11,027	11,027
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 939	939
02-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.79	ord 1,210	1,210
02-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	49.41	ord -428	-428
03-Aug-16	BlackRock Asset Management Canada Limited	on mkt buy	49.86	ord 1,826	1,826
03-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.86	ord 5,902	5,902
03-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.86	ord 3,022	3,022
03-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.86	ord 4,586	4,586
03-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.86	ord 522	522
03-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.86	ord 12,874	12,874
03-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.86	ord 3,592	3,592
03-Aug-16	BlackRock Investment Management, LLC	on mkt buy	49.86	ord 1,023	1,023
03-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	49.86	ord 360	360
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 27,709	27,709
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 4,935	4,935
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 1,649	1,649
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 2,427	2,427
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 1,538	1,538
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.85	ord 4,297	4,297
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 353	353
03-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.86	ord 2,484	2,484
03-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.85	ord 2,592	2,592
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 133	133
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 18,742	18,742
03-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.86	ord 2,740	2,740
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 397	397
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 11,704	11,704
03-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	49.86	ord 896	896
03-Aug-16	BlackRock Investment Management, LLC	on mkt buy	49.86	ord 912	912
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 6,859	6,859
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 1,817	1,817
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 1,925	1,925
03-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.42	ord 681	681

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03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 4,245	4,245
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 2,420	2,420
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 2,983	2,983
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 387	387
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 13,766	13,766
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 2,340	2,340
03-Aug-16	BlackRock International Limited	on mkt buy	49.85	ord 3,757	3,757
03-Aug-16	BlackRock Advisors, LLC	on mkt buy	49.86	ord 3,709	3,709
03-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	49.86	ord 1,045	1,045
03-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.86	ord 2,814	2,814
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 4,444	4,444
03-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.86	ord 702	702
03-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.86	ord 39,237	39,237
03-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.86	ord 4,910	4,910
03-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.41	ord -11,721	-11,721
04-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.83	ord 7,224	7,224
04-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.62	ord 185	185
04-Aug-16	BlackRock Fund Advisors	on mkt buy	48.62	ord 2,611	2,611
04-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord -5,745	-5,745
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.42	ord 53,056	53,056
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.62	ord 1,008	1,008
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.45	ord 765	765
04-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord 6,084	6,084
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.45	ord 10,468	10,468
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.62	ord 320	320
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.62	ord 1,543	1,543
04-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.62	ord -410	-410
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.62	ord 3,316	3,316
04-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	48.62	ord -1,208	-1,208
05-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.39	ord 1,555	1,555
05-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.39	ord 2,136	2,136
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.52	ord -16,739	-16,739
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 20,165	20,165
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 10,973	10,973
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 884	884
05-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.39	ord 862	862
05-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.39	ord 328	328
05-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.39	ord 3,040	3,040
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 4,614	4,614
05-Aug-16	BlackRock Advisors, LLC	on mkt buy	49.39	ord 3,100	3,100
05-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.39	ord 6,057	6,057
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 21,794	21,794
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 675	675
05-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.52	ord 833	833
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.39	ord 14,281	14,281
05-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.39	ord 2,513	2,513

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05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.39	ord 1,169	1,169
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.39	ord 1,093	1,093
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.52	ord 4,935	4,935
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.39	ord 2,578	2,578
05-Aug-16	BlackRock Financial Management, Inc.	on mkt buy 49.39	ord 1,427	1,427
05-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.39	ord 5,668	5,668
08-Aug-16	BlackRock Fund Advisors	in specie n/a	ord -15,320	-15,320
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy 50.10	ord 5,809	5,809
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy 50.10	ord 597	597
08-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy 50.10	ord 2,264	2,264
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.90	ord 1,666	1,666
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.90	ord 126	126
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.90	ord 1,666	1,666
09-Aug-16	BlackRock Fund Advisors	on mkt sell 50.40	ord -532	-532
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.90	ord 3,318	3,318
09-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.90	ord 1,658	1,658
09-Aug-16	BlackRock Fund Advisors	on mkt buy 50.90	ord 4,332	4,332
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.44	ord 797	797
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.47	ord 9,719	9,719
10-Aug-16	BlackRock Financial Management, Inc.	on mkt buy 50.47	ord 5,247	5,247
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.47	ord 10,195	10,195
10-Aug-16	BlackRock Fund Advisors	in specie n/a	ord 6,084	6,084
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell 50.44	ord -7,028	-7,028
10-Aug-16	BlackRock Advisors, LLC	on mkt buy 50.47	ord 1,603	1,603
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.57	ord 614	614
10-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy 50.47	ord 639	639
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.47	ord 2,513	2,513
10-Aug-16	BlackRock Financial Management, Inc.	on mkt buy 50.47	ord 12,785	12,785
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.47	ord 39,356	39,356
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.47	ord 9,996	9,996
10-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 50.57	ord 378	378
10-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell 50.44	ord -701	-701
10-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 50.47	ord 2,839	2,839
11-Aug-16	BlackRock Fund Advisors	in specie n/a	ord 4,410	4,410
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.93	ord 939	939
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy 49.93	ord 3,412	3,412
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy 49.93	ord 2,440	2,440
12-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy 49.93	ord 652	652
12-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell 49.94	ord -916	-916
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy 49.93	ord 1,841	1,841
12-Aug-16	BlackRock Asset Management Canada Limited	on mkt buy 49.93	ord 817	817
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy 49.93	ord 867	867
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy 49.93	ord 5,197	5,197

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12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.93 ord 880	880
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.74 ord 2,499	2,499
12-Aug-16	BlackRock International Limited	on mkt buy	49.94 ord 1,480	1,480
12-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.94 ord -1,648	-1,648
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.94 ord 1,100	1,100
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.74 ord 166	166
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.93 ord 4,507	4,507
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.94 ord 2,807	2,807
12-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.94 ord -15,652	-15,652
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.93 ord 1,039	1,039
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.74 ord 833	833
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.93 ord 652	652
12-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.93 ord 1,317	1,317
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.93 ord 1,029	1,029
12-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.93 ord 2,041	2,041
12-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.93 ord 23,264	23,264
12-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.93 ord 2,221	2,221
16-Aug-16	BlackRock Fund Advisors	on mkt buy	48.39 ord 2,842	2,842
16-Aug-16	BlackRock Fund Advisors	in specie	n/a ord -1,370	-1,370
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.38 ord 2,198	2,198
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.34 ord -292	-292
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.46 ord 2,450	2,450
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.38 ord 9,448	9,448
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.38 ord 1,384	1,384
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.38 ord 1,488	1,488
16-Aug-16	BlackRock Fund Advisors	on mkt buy	48.46 ord 3,856	3,856
16-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.46 ord 481	481
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.34 ord -29,840	-29,840
16-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.38 ord 747	747
16-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.39 ord 466	466
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.34 ord -2,757	-2,757
16-Aug-16	BlackRock Asset Management Canada Limited	on mkt sell	48.46 ord -206	-206
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.46 ord 1,626	1,626
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.46 ord 813	813
16-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.38 ord 712	712
16-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.38 ord 960	960
16-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.38 ord 6,790	6,790
16-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.38 ord 1,731	1,731
16-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.46 ord 980	980
17-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.43 ord 834	834
17-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.43 ord -51	-51
17-Aug-16	BlackRock Fund Advisors	in specie	n/a ord 9,570	9,570
17-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.43 ord -5,243	-5,243

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17-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.43	ord	-485	-485
17-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-1,705	-1,705
17-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-15,691	-15,691
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-12,225	-12,225
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-10,144	-10,144
18-Aug-16	BlackRock Fund Advisors	on mkt buy	49.55	ord	712	712
18-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	10,160	10,160
18-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.55	ord	9,820	9,820
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-1,219	-1,219
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-2,524	-2,524
18-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.32	ord	16,600	16,600
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-864	-864
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-1,451	-1,451
18-Aug-16	BlackRock Investment Management (UK) Limited	on mkt sell	49.55	ord	-597	-597
18-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.46	ord	-1,259	-1,259
19-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.79	ord	1,672	1,672
19-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.79	ord	2,496	2,496
19-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-3,487	-3,487
19-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	5,292	5,292
22-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	-715	-715
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.34	ord	-195	-195
22-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.20	ord	692	692
22-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	152	152
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.35	ord	2,776	2,776
22-Aug-16	BlackRock Asset Management Canada Limited	on mkt buy	49.20	ord	10,321	10,321
22-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-48,034	-48,034
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.35	ord	248	248
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.34	ord	-172	-172
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.34	ord	-2,228	-2,228
22-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	48,034	48,034
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.34	ord	-1,039	-1,039
22-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.34	ord	-339	-339
22-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	6,096	6,096
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.21	ord	2,774	2,774
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.21	ord	1,478	1,478
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.22	ord	1,119	1,119
23-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	1,575	1,575
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.22	ord	3,416	3,416
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.21	ord	853	853
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.20	ord	-1,038	-1,038
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.22	ord	514	514
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.20	ord	-2,225	-2,225

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23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.20	ord	-195	-195
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.22	ord	2,794	2,794
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.22	ord	2,085	2,085
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.22	ord	3,894	3,894
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.22	ord	665	665
23-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.22	ord	1,170	1,170
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.22	ord	1,720	1,720
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.21	ord	249	249
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.22	ord	266	266
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.22	ord	838	838
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.05	ord	1,887	1,887
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.22	ord	1,628	1,628
23-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.22	ord	1,600	1,600
23-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.05	ord	25,080	25,080
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.22	ord	1,616	1,616
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.05	ord	1,503	1,503
23-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.22	ord	3,296	3,296
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.05	ord	1,390	1,390
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.20	ord	-172	-172
23-Aug-16	BlackRock Investment Management, LLC	on mkt buy	49.22	ord	815	815
23-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	49.22	ord	1,510	1,510
23-Aug-16	BlackRock International Limited	on mkt buy	49.21	ord	954	954
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.22	ord	16,576	16,576
23-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	49.22	ord	801	801
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.05	ord	4,999	4,999
23-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.20	ord	-340	-340
23-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.05	ord	4,735	4,735
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.70	ord	-648	-648
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.70	ord	3,438	3,438
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.70	ord	-957	-957
24-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	152	152
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.70	ord	-5,244	-5,244
24-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	49.82	ord	-517	-517
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.70	ord	-431	-431
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.70	ord	-206	-206
24-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.70	ord	294	294
25-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord	6,096	6,096
25-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	49.10	ord	2,496	2,496
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.82	ord	8,370	8,370
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.94	ord	-174	-174
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.94	ord	-199	-199
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.93	ord	6,529	6,529

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26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.93	ord 2,555	2,555
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 7,746	7,746
26-Aug-16	BlackRock Investment Management, LLC	on mkt buy	48.93	ord 1,915	1,915
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 882	882
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 56,086	56,086
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.93	ord 672	672
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.93	ord 1,754	1,754
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 1,231	1,231
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 757	757
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 2,399	2,399
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 1,156	1,156
26-Aug-16	BlackRock Asset Management Canada Limited	on mkt buy	48.93	ord 3,125	3,125
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 2,965	2,965
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 2,507	2,507
26-Aug-16	BlackRock Fund Advisors	in specie	n/a	ord -858	-858
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	48.82	ord -2,049	-2,049
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.93	ord 6,376	6,376
26-Aug-16	BlackRock International Limited	on mkt buy	48.93	ord 5,429	5,429
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.93	ord 1,308	1,308
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 1,165	1,165
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.93	ord 19,384	19,384
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.93	ord 954	954
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 4,795	4,795
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 3,339	3,339
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.93	ord 5,195	5,195
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.94	ord -1,211	-1,211
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 5,326	5,326
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 6,820	6,820
26-Aug-16	BlackRock Fund Advisors	on mkt buy	49.12	ord 441	441
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.93	ord 4,489	4,489
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 9,935	9,935
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.82	ord 630	630
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 664	664
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.82	ord 960	960
26-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	48.93	ord 526	526
26-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.93	ord 965	965
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.94	ord -332	-332
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 855	855
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 3,680	3,680
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.93	ord 6,192	6,192
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.93	ord 4,639	4,639
26-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	48.93	ord 9,563	9,563
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.93	ord 39	39
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 2,450	2,450

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26-Aug-16	BlackRock Investment Management, LLC	on mkt buy	48.93	ord 2,235	2,235
26-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.94	ord -2,874	-2,874
26-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	48.93	ord 2,069	2,069
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.94	ord -391	-391
26-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.93	ord 208	208
29-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.52	ord -7,498	-7,498
29-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.52	ord -1,920	-1,920
29-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	48.52	ord -316	-316
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.97	ord 65	65
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.95	ord -130	-130
30-Aug-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -5,783	-5,783
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.95	ord -111	-111
30-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.95	ord -834	-834
30-Aug-16	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 5,124	5,124
31-Aug-16	BlackRock Investment Management, LLC	on mkt buy	47.55	ord 1,389	1,389
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord 1,674	1,674
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord 4,965	4,965
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.58	ord 1,301	1,301
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord 427	427
31-Aug-16	BlackRock Investment Management, LLC	on mkt buy	47.55	ord 1,213	1,213
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.55	ord 4,564	4,564
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.56	ord 3,672	3,672
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.60	ord 1,857	1,857
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord 23,716	23,716
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.58	ord 54	54
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.58	ord 256	256
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord 1,019	1,019
31-Aug-16	BlackRock Investment Management, LLC	in specie	n/a	ord 4,905	4,905
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord 328	328
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt sell	47.62	ord -921	-921
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord 3,739	3,739
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord 3,246	3,246
31-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	47.55	ord 4,946	4,946
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord 979	979
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.60	ord -9,994	-9,994
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	47.60	ord -3,202	-3,202
31-Aug-16	BlackRock Financial Management, Inc.	on mkt sell	47.60	ord -5,964	-5,964
31-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	47.55	ord 3,451	3,451
31-Aug-16	BlackRock Fund Advisors	on mkt buy	47.58	ord 2,910	2,910

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	
31-Aug-16	BlackRock Fund Advisors	on mkt buy	47.58	ord	1,047	1,047
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	1,161	1,161
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	1,572	1,572
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord	2,971	2,971
31-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	47.56	ord	3,195	3,195
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.60	ord	504	504
31-Aug-16	BlackRock Investment Management, LLC	in specie	n/a	ord	-4,905	-4,905
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	1,573	1,573
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	47.60	ord	-230	-230
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.60	ord	1,470	1,470
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt sell	47.60	ord	-2,880	-2,880
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.58	ord	371	371
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.58	ord	4,306	4,306
31-Aug-16	BlackRock International Limited	on mkt buy	47.56	ord	5,221	5,221
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.55	ord	945	945
31-Aug-16	BlackRock Investment Management, LLC	on mkt buy	47.58	ord	226	226
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	1,016	1,016
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.55	ord	4,284	4,284
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	1,984	1,984
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.58	ord	15,592	15,592
31-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	47.55	ord	681	681
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.60	ord	1,093	1,093
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt sell	47.60	ord	-3,303	-3,303
31-Aug-16	BlackRock Investment Management, LLC	on mkt buy	47.58	ord	681	681
31-Aug-16	BlackRock Financial Management, Inc.	on mkt buy	47.58	ord	5,548	5,548
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.55	ord	4,273	4,273
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	510	510
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	632	632
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.55	ord	1,403	1,403
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.58	ord	211	211
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord	3,641	3,641
31-Aug-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.60	ord	1,431	1,431
31-Aug-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.55	ord	3,745	3,745
31-Aug-16	BlackRock Japan Co., Ltd.	on mkt buy	47.55	ord	4,017	4,017
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.55	ord	4,415	4,415
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.58	ord	479	479
31-Aug-16	BlackRock Advisors (UK) Limited	on mkt buy	47.55	ord	471	471
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.58	ord	14,867	14,867
31-Aug-16	BlackRock International Limited	on mkt buy	47.58	ord	2,809	2,809
31-Aug-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.55	ord	815	815
01-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	6,096	6,096
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.96	ord	921	921
01-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	46.99	ord	960	960

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01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.96	ord 706	706
01-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.99	ord 2,036	2,036
01-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -378	-378
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.96	ord 517	517
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.96	ord 9,698	9,698
01-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	46.99	ord 39	39
01-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	47.16	ord 41	41
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.95	ord 585	585
01-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	46.99	ord 83	83
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.96	ord 246	246
01-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	46.99	ord -2,499	-2,499
01-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.96	ord 96	96
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 6,231	6,231
02-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.35	ord 1,020	1,020
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.35	ord 6,408	6,408
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 887	887
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.35	ord 7,343	7,343
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 7,183	7,183
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 897	897
02-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.35	ord 1,054	1,054
02-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.35	ord 4,623	4,623
02-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.35	ord 2,629	2,629
02-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.35	ord 6,751	6,751
02-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	47.35	ord 3,265	3,265
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	47.41	ord -2,499	-2,499
02-Sep-16	BlackRock Fund Advisors	on mkt buy	47.37	ord 879	879
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 6,404	6,404
02-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.35	ord 1,404	1,404
02-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.35	ord 890	890
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 179	179
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 2,061	2,061
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 3,233	3,233
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 1,650	1,650
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 32,080	32,080
02-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -1,085	-1,085
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.35	ord 6,648	6,648
02-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.35	ord 9,495	9,495
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 4,981	4,981
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 874	874
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.35	ord 1,212	1,212
02-Sep-16	BlackRock Investment Management, LLC	on mkt buy	47.35	ord 2,227	2,227

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02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 5,551	5,551
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 4,475	4,475
02-Sep-16	BlackRock Investment Management, LLC	on mkt buy	47.35	ord 1,696	1,696
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 3,931	3,931
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 1,332	1,332
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 949	949
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.41	ord 1,580	1,580
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 8,159	8,159
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 1,860	1,860
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 251	251
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 6,148	6,148
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 477	477
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	47.41	ord -508	-508
02-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.35	ord 6,687	6,687
02-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 8,128	8,128
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 2,882	2,882
02-Sep-16	BlackRock International Limited	on mkt buy	47.35	ord 8,902	8,902
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 633	633
02-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.35	ord 2,639	2,639
02-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.35	ord 4,050	4,050
02-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.35	ord 877	877
02-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.35	ord 1,290	1,290
05-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.10	ord 4,410	4,410
05-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.13	ord 2,755	2,755
05-Sep-16	BlackRock Fund Advisors	on mkt buy	48.13	ord 6,437	6,437
06-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -2,097	-2,097
06-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	48.53	ord 1,082	1,082
06-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.53	ord 294	294
06-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -3,850	-3,850
06-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.38	ord -2,736	-2,736
06-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	48.53	ord -4,854	-4,854
06-Sep-16	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	ord -6,284	-6,284
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.40	ord 607	607
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	48.40	ord 416	416
07-Sep-16	BlackRock Investment Management, LLC	on mkt buy	48.40	ord 1,446	1,446
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.40	ord 12,448	12,448
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.40	ord 2,814	2,814
07-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	48.40	ord 1,250	1,250
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.40	ord 3,903	3,903
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.40	ord 134	134
07-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	48.40	ord 983	983
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.40	ord 333	333
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.40	ord 671	671
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.40	ord 2,062	2,062

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07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 1,981	1,981
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy 48.40	ord 295	295
07-Sep-16	BlackRock Fund Advisors	on mkt buy 48.16	ord 1,567	1,567
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 48.38	ord -3,027	-3,027
07-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy 48.40	ord 2,284	2,284
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 1,385	1,385
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy 48.40	ord 2,810	2,810
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy 48.40	ord 1,379	1,379
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 134	134
07-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy 48.40	ord 2,875	2,875
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy 48.40	ord 1,734	1,734
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 48.38	ord -138	-138
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 48.38	ord -62	-62
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 48.38	ord -89	-89
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy 48.40	ord 3,058	3,058
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy 48.40	ord 6,796	6,796
07-Sep-16	BlackRock Investment Management, LLC	on mkt buy 48.40	ord 893	893
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell 48.16	ord -5,004	-5,004
07-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell 48.38	ord -709	-709
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 1,124	1,124
07-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy 48.40	ord 1,490	1,490
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 538	538
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy 48.40	ord 626	626
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 1,057	1,057
07-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy 48.40	ord 744	744
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy 48.40	ord 1,019	1,019
07-Sep-16	BlackRock Financial Management, Inc.	on mkt buy 48.40	ord 705	705
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 2,610	2,610
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy 48.40	ord 4,028	4,028
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 4,736	4,736
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 78	78
07-Sep-16	BlackRock International Limited	on mkt buy 48.40	ord 4,613	4,613
07-Sep-16	BlackRock Advisors, LLC	on mkt buy 48.40	ord 1,108	1,108
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 7,005	7,005
07-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy 48.40	ord 4,154	4,154
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 5,336	5,336
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 1,482	1,482
07-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy 48.40	ord 36	36
07-Sep-16	BlackRock Asset Management North Asia Limited	collateral transfer n/a	ord -1	-1
08-Sep-16	BlackRock Fund Advisors	in specie n/a	ord -930	-930

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08-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.67	ord	1,353	1,353
08-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	7,112	7,112
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.60	ord	834	834
08-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.67	ord	676	676
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.02	ord	218	218
08-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.02	ord	164	164
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.55	ord	1,014	1,014
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.55	ord	17,636	17,636
09-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	48.54	ord	1,467	1,467
09-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	48.54	ord	1,539	1,539
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	923	923
09-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	48.55	ord	697	697
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.54	ord	2,002	2,002
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.54	ord	965	965
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	48.56	ord	-1,550	-1,550
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	151	151
09-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	48.54	ord	1,261	1,261
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	2,181	2,181
09-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.60	ord	2,502	2,502
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	141	141
09-Sep-16	BlackRock Fund Advisors	on mkt buy	48.16	ord	280	280
09-Sep-16	BlackRock International Limited	on mkt buy	48.54	ord	899	899
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	2,379	2,379
09-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	48.60	ord	82	82
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	184	184
09-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	48.60	ord	143	143
09-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-2,055	-2,055
09-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	48.55	ord	89	89
12-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	666	666
12-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.41	ord	82	82
13-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.70	ord	1,361	1,361
13-Sep-16	BlackRock Investment Management, LLC	on mkt buy	47.70	ord	701	701
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-17,435	-17,435
13-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.70	ord	1,531	1,531
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	1,392	1,392
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	2,232	2,232
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	341	341
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	2,971	2,971
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	138	138
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	300	300
13-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.70	ord	1,049	1,049
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	1,626	1,626

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	
13-Sep-16	BlackRock International Limited	on mkt buy	47.74	ord	2,473	2,473
13-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.70	ord	1,383	1,383
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.64	ord	-1,802	-1,802
13-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	47.70	ord	1,329	1,329
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.74	ord	1,239	1,239
13-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.70	ord	1,537	1,537
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	701	701
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	5,850	5,850
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	1,899	1,899
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	4,725	4,725
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	1,030	1,030
13-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.70	ord	717	717
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	13,172	13,172
13-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.70	ord	1,462	1,462
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-444	-444
13-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.70	ord	1,202	1,202
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	12,124	12,124
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-3,528	-3,528
13-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.70	ord	1,671	1,671
13-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	47.70	ord	767	767
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	2,133	2,133
13-Sep-16	BlackRock Investment Management, LLC	on mkt buy	47.70	ord	806	806
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	851	851
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	166	166
13-Sep-16	BlackRock Investment Management, LLC	on mkt buy	48.49	ord	796	796
13-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.70	ord	1,109	1,109
13-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	48.36	ord	-18,961	-18,961
13-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.70	ord	532	532
13-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.66	ord	1,015	1,015
13-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	47.70	ord	316	316
13-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.70	ord	4,579	4,579
13-Sep-16	BlackRock Advisors, LLC	on mkt buy	48.07	ord	860	860
13-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-13,230	-13,230
13-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	47.74	ord	1,287	1,287
14-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	46.83	ord	741	741
14-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	5,080	5,080
14-Sep-16	BlackRock Asset Management Canada Limited	on mkt sell	46.83	ord	-421	-421
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord	736	736
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	47.07	ord	834	834
15-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	46.88	ord	946	946
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord	10,215	10,215
15-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	46.88	ord	1,514	1,514
15-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	46.88	ord	322	322
15-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	46.88	ord	1,099	1,099

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15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord 6,404	6,404
15-Sep-16	BlackRock Investment Management, LLC	on mkt buy	46.88	ord 746	746
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord 665	665
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord 610	610
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 6,473	6,473
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 1,076	1,076
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 832	832
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	46.88	ord 1,297	1,297
15-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 6,096	6,096
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 10,248	10,248
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 2,147	2,147
15-Sep-16	BlackRock Investment Management, LLC	on mkt buy	46.88	ord 714	714
15-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	46.88	ord 733	733
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	47.07	ord -1,516	-1,516
15-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	46.88	ord 1,178	1,178
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 919	919
15-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	46.88	ord 931	931
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	46.88	ord 1,253	1,253
15-Sep-16	BlackRock Fund Advisors	on mkt buy	47.07	ord 2,034	2,034
15-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	46.88	ord 38,741	38,741
15-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	46.88	ord 913	913
15-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	46.88	ord 1,811	1,811
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 1,859	1,859
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord 7,536	7,536
15-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	46.88	ord 1,971	1,971
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 12,962	12,962
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 1,996	1,996
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	46.88	ord 382	382
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord 1,705	1,705
15-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.88	ord 857	857
15-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	46.88	ord 978	978
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 996	996
15-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	46.88	ord 1,152	1,152
15-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.88	ord 2,149	2,149
15-Sep-16	BlackRock International Limited	on mkt buy	46.88	ord 1,363	1,363
15-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 7,700	7,700
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	46.60	ord -3,344	-3,344
16-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell	46.60	ord -2,664	-2,664
16-Sep-16	BlackRock Investment Management, LLC	on mkt sell	46.60	ord -387	-387
16-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.60	ord 53,337	53,337

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16-Sep-16	BlackRock Investment Management, LLC	on mkt buy	47.43	ord 859	859
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.60	ord 3,204	3,204
16-Sep-16	BlackRock Fund Advisors	on mkt buy	46.60	ord 255	255
16-Sep-16	BlackRock Fund Advisors	on mkt buy	46.60	ord 6,261	6,261
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	46.60	ord -2,680	-2,680
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	46.60	ord -587	-587
16-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	46.60	ord -4,455	-4,455
16-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	46.60	ord 195	195
16-Sep-16	BlackRock Japan Co., Ltd.	on mkt buy	46.93	ord 312	312
16-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	46.60	ord -13,352	-13,352
16-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	46.60	ord -973	-973
19-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.71	ord 462	462
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.71	ord 22	22
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.71	ord 24	24
19-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.71	ord 167	167
19-Sep-16	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord -6,636	-6,636
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.71	ord 124	124
19-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	46.71	ord 143	143
19-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	46.71	ord 165	165
20-Sep-16	BlackRock Fund Advisors	on mkt buy	47.19	ord 2,457	2,457
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.13	ord 845	845
20-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 1,277	1,277
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.13	ord 3,127	3,127
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.13	ord 717	717
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.13	ord 160	160
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.13	ord 711	711
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.13	ord 2,557	2,557
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.13	ord 2,345	2,345
20-Sep-16	BlackRock Investment Management, LLC	on mkt buy	47.21	ord 735	735
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.13	ord 152	152
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.19	ord 1,098	1,098
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.25	ord -386	-386
20-Sep-16	BlackRock Fund Advisors	on mkt buy	47.19	ord 3,398	3,398
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.13	ord 940	940
20-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.13	ord 976	976
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.25	ord 520	520
20-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	47.25	ord 2,525	2,525
21-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord -3,627	-3,627
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.58	ord 7,737	7,737

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21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.58	ord	912	912
21-Sep-16	BlackRock Advisors, LLC	on mkt buy	47.65	ord	11,866	11,866
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.58	ord	445	445
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.58	ord	225	225
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.58	ord	-250	-250
21-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.58	ord	651	651
21-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	47.65	ord	-834	-834
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	49.20	ord	-4,180	-4,180
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.14	ord	696	696
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.20	ord	3,907	3,907
22-Sep-16	BlackRock Asset Management Canada Limited	on mkt sell	49.20	ord	-5,137	-5,137
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	47.65	ord	-104,247	-104,247
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.12	ord	-26,742	-26,742
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	49.20	ord	-1,672	-1,672
22-Sep-16	BlackRock Fund Advisors	on mkt buy	48.50	ord	1,099	1,099
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	47.65	ord	104,247	104,247
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	49.20	ord	-834	-834
22-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.20	ord	101,968	101,968
22-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	49.20	ord	-238	-238
22-Sep-16	BlackRock Fund Advisors	on mkt buy	48.50	ord	748	748
22-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	49.14	ord	1,343	1,343
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.14	ord	2,850	2,850
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.14	ord	2,504	2,504
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.14	ord	693	693
22-Sep-16	BlackRock Financial Management, Inc.	on mkt buy	49.14	ord	791	791
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.14	ord	2,185	2,185
22-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.14	ord	3,230	3,230
23-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.90	ord	2,754	2,754
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.80	ord	-2,111	-2,111
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.81	ord	4,151	4,151
23-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	12,228	12,228
23-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.90	ord	1,042	1,042
23-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-4,836	-4,836
23-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	7,133	7,133
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.81	ord	971	971
23-Sep-16	BlackRock Advisors, LLC	on mkt buy	50.07	ord	10,896	10,896
23-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.81	ord	443	443
23-Sep-16	BlackRock Investment Management, LLC	on mkt buy	49.39	ord	699	699
23-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	49.90	ord	1,047	1,047
26-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	50.38	ord	4,396	4,396
26-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-3,627	-3,627
26-Sep-16	BlackRock Fund Advisors	on mkt sell	50.38	ord	-18,783	-18,783

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26-Sep-16	BlackRock Fund Advisors	on mkt buy	50.38	ord	7,906	7,906
26-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	5,292	5,292
27-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-3,627	-3,627
27-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	49.92	ord	-2,102	-2,102
27-Sep-16	BlackRock Fund Advisors	on mkt buy	50.01	ord	2,044	2,044
27-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-2,418	-2,418
27-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.92	ord	-2,050	-2,050
27-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	49.92	ord	-309	-309
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	50.01	ord	1,512	1,512
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	50.01	ord	252	252
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	50.01	ord	1,124	1,124
27-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	50.01	ord	-4,185	-4,185
27-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	17,370	17,370
27-Sep-16	BlackRock Fund Advisors	on mkt buy	49.90	ord	2,106	2,106
27-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	50.01	ord	9,092	9,092
27-Sep-16	BlackRock Investment Management, LLC	on mkt buy	49.84	ord	728	728
27-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	49.92	ord	-1,634	-1,634
28-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	50.00	ord	-212	-212
28-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	1,277	1,277
28-Sep-16	BlackRock Advisors, LLC	on mkt buy	50.00	ord	10,122	10,122
28-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.99	ord	4,686	4,686
28-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-4,836	-4,836
28-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	49.99	ord	1,991	1,991
28-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	-688	-688
28-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	1,277	1,277
28-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	50.00	ord	252	252
28-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	49.80	ord	2,215	2,215
29-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	51.10	ord	823	823
29-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.59	ord	-50	-50
29-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.59	ord	-601	-601
29-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt sell	51.59	ord	-1,523	-1,523
29-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	10,110	10,110
29-Sep-16	BlackRock Advisors (UK) Limited	on mkt buy	51.85	ord	238	238
29-Sep-16	BlackRock Asset Management Canada Limited	in specie	n/a	ord	3,175	3,175
29-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	51.85	ord	-7,200	-7,200
29-Sep-16	BlackRock Advisors (UK) Limited	on mkt sell	51.85	ord	-992	-992
30-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.61	ord	-1,493	-1,493
30-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.45	ord	-6,637	-6,637
30-Sep-16	BlackRock Asset Management Canada Limited	on mkt buy	51.61	ord	2,622	2,622
30-Sep-16	BlackRock Asset Management Canada Limited	on mkt sell	51.61	ord	-2,319	-2,319
30-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	51.61	ord	9,945	9,945
30-Sep-16	BlackRock Investment Management (UK) Limited	on mkt buy	51.61	ord	15,055	15,055
30-Sep-16	BlackRock Investment Management (UK) Limited	on mkt sell	51.61	ord	-15,055	-15,055
30-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord	3,528	3,528
30-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.45	ord	-2,174	-2,174
30-Sep-16	BlackRock Investment Management (Australia) Limited	on mkt buy	51.61	ord	4,016	4,016

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30-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.48	ord 1,034	1,034
30-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	51.45	ord -2,617	-2,617
30-Sep-16	BlackRock Financial Management, Inc.	on mkt sell	51.45	ord -985	-985
30-Sep-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.61	ord -2,242	-2,242
30-Sep-16	BlackRock Investment Management, LLC	on mkt buy	51.34	ord 936	936
30-Sep-16	BlackRock Fund Advisors	in specie	n/a	ord 7,077	7,077
03-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.90	ord 1,946	1,946
03-Oct-16	BlackRock Fund Advisors	on mkt buy	51.90	ord 3,966	3,966
03-Oct-16	BlackRock Japan Co., Ltd.	on mkt sell	51.90	ord -3,533	-3,533
03-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	51.90	ord 583	583
03-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	51.90	ord 5,010	5,010
03-Oct-16	BlackRock Fund Advisors	on mkt buy	51.63	ord 2,992	2,992
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -2,011	-2,011
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	52.37	ord -2,324	-2,324
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	52.37	ord -749	-749
04-Oct-16	BlackRock Financial Management, Inc.	on mkt sell	52.37	ord -902	-902
04-Oct-16	BlackRock Financial Management, Inc.	on mkt sell	52.37	ord -2,551	-2,551
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	52.37	ord -1,103	-1,103
04-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	52.08	ord 297	297
04-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	52.37	ord -5,678	-5,678
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -1,495	-1,495
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -11,614	-11,614
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -283	-283
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -968	-968
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -1,582	-1,582
04-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.32	ord -3,832	-3,832
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.80	ord -442	-442
05-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	51.90	ord -156	-156
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.90	ord -1,508	-1,508
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.80	ord -328	-328
05-Oct-16	BlackRock Fund Advisors	on mkt buy	51.90	ord 3,768	3,768
05-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord -11,634	-11,634
05-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt sell	51.80	ord -605	-605
05-Oct-16	BlackRock Fund Advisors	on mkt buy	51.90	ord 1,309	1,309
06-Oct-16	BlackRock Investment Management (UK) Limited	on mkt buy	52.22	ord 1,607	1,607
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord -1,184	-1,184
06-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	52.21	ord -4,185	-4,185
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord -2,225	-2,225
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord -850	-850
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord -5,943	-5,943

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	
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord	-2,845	-2,845
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord	-3,579	-3,579
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord	-19,186	-19,186
06-Oct-16	BlackRock Japan Co., Ltd.	on mkt buy	52.20	ord	11,272	11,272
06-Oct-16	BlackRock Investment Management, LLC	on mkt buy	52.42	ord	1,154	1,154
06-Oct-16	BlackRock Advisors (UK) Limited	on mkt sell	52.21	ord	-2,511	-2,511
06-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.24	ord	-28,631	-28,631
07-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	4,755	4,755
07-Oct-16	BlackRock Fund Advisors	in specie	n/a	ord	-688	-688
07-Oct-16	BlackRock Advisors (UK) Limited	in specie	n/a	ord	1,442,145	1,442,145
07-Oct-16	BlackRock Fund Advisors	on mkt buy	51.91	ord	1,309	1,309
07-Oct-16	BlackRock International Limited	in specie	n/a	ord	-10,885	-10,885
07-Oct-16	BlackRock Fund Advisors	on mkt buy	52.00	ord	3,421	3,421
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	52.10	ord	6,458	6,458
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt sell	52.00	ord	-2,786	-2,786
07-Oct-16	BlackRock Asset Management Canada Limited	on mkt buy	52.00	ord	2,835	2,835
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	52.10	ord	532	532
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	52.12	ord	1,670	1,670
07-Oct-16	BlackRock Fund Advisors	on mkt buy	52.00	ord	1,355	1,355
07-Oct-16	BlackRock Investment Management (Australia) Limited	on mkt buy	52.10	ord	2,910	2,910
07-Oct-16	BlackRock Advisors (UK) Limited	on mkt buy	52.00	ord	1,523	1,523
07-Oct-16	BlackRock Institutional Trust Company, National Association	on mkt buy	52.00	ord	4,515	4,515

11-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 4,971	4,971	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 61,900	61,900	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 8,142	8,142	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 988	988	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 1,333,502	1,333,502	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 255	255	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 31,182	31,182	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 345,540	345,540	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 96,271	96,271	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 104,514	104,514	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 993,699	993,699	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 1,442,145	1,442,145	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 2,080	2,080	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 189,124	189,124	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 3,423	3,423	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 231,209	231,209	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Asset Management North Asia Limited	HSBC-HSBC, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 1,651	1,651	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 627	627	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 9,820	9,820	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 95,881	95,881	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 54,016	54,016	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 4,274	4,274	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 18,415	18,415	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 7,448	7,448	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 28,158	28,158	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 29,587	29,587	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 323,705	323,705	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 218,822	218,822	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 18,470	18,470	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 57,619	57,619	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 22,393	22,393	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 6,653,741	6,653,741	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 27,605	27,605	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 927,493	927,493	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 12,411	12,411	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 15,517	15,517	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	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 19,715	19,715	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 167,207	167,207	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 13,111	13,111	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 180,952	180,952	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 9,276	9,276	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 449,647	449,647	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 223,678	223,678	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 30,138	30,138	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 26,584	26,584	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 5,715,785	5,715,785	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 24,370	24,370	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 37,763	37,763	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 175,038	175,038	Subsidiary of BlackRock, Inc.
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 46,603	46,603	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 4,686	4,686	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 1,064,995	1,064,995	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 40,794	40,794	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 104,247	104,247	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 55,033	55,033	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 15,981	15,981	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	BNYM-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 58,650	58,650	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 196,863	196,863	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 9,039	9,039	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 2,755	2,755	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 471,037	471,037	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 44,965	44,965	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 30,885	30,885	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 17,626	17,626	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 312,160	312,160	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 3,786	3,786	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 7,957	7,957	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 92,792	92,792	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ord 17,502	17,502	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 27,549	27,549	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 65,492	65,492	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 193,596	193,596	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 291,220	291,220	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 12,654	12,654	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 12,764	12,764	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 14,449	14,449	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	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 10,812	10,812	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 16,559	16,559	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 608,761	608,761	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 166,780	166,780	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 24,806	24,806	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 7,019	7,019	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 30,758	30,758	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 303,136	303,136	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 362,659	362,659	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ord 8,459	8,459	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 1,450,312	1,450,312	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

	11-Oct-16
Kayla McGrory, Authorised Signatory	Date

7. Addresses

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

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