

Form 605Corporations Act 2001
Section 671B**Notice of ceasing to be a substantial holder**To Company Name/Scheme ALS LTDACN/ARSN 92 009 657 489 (ABN)**1. Details of substantial holder(1)**Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable) to this form)The holder ceased to be a
substantial holder on 29 /05 /15
The previous notice was given to the company on 07 /04 /14
The previous notice was dated 03 /04 /14**2. Changes in relevant interests**

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4) | Consideration given in relation to change(5) | Class (6) and number of securities affected | Person's votes affected |
|----------------|--|----------------------|--|---|-------------------------|
| | Annexure A & C | | | | |
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3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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 |
|-----------------------------------|-----------------------|
| | |
| | |

4. Addresses

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

| Name | Address |
|------------|---------|
| Annexure B | |
| | |

Signatureprint name Kayla McGrorycapacity *Authorised Signatory**sign here**date 02 / 06 /2015

* 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 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) 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.
- (5) 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.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) 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 32 pages referred to in form 605 Notice of ceasing to be a substantial shareholder

02-Jun-15

Kayla McGrory, Authorised Signatory

Date

2. Changes in relevant interests

ALS LTD (ALQ)

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|---------|-------------------------|
| 04-Apr-14 | BlackRock Institutional Trust | in specie | n/a | ord | -4,799 | -4,799 |
| 04-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.40 | ord | -166 | -166 |
| 07-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.39 | ord | 1,074 | 1,074 |
| 07-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 20,780 | 20,780 |
| 07-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.43 | ord | 3,539 | 3,539 |
| 07-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.43 | ord | -332 | -332 |
| 07-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.37 | ord | 323 | 323 |
| 07-Apr-14 | BlackRock Investment Management | on mkt buy | 7.43 | ord | 2,944 | 2,944 |
| 07-Apr-14 | BlackRock Institutional Trust | on mkt buy | 7.37 | ord | 12,511 | 12,511 |
| 08-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.39 | ord | 6,716 | 6,716 |
| 08-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.39 | ord | 415 | 415 |
| 08-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 20,780 | 20,780 |
| 08-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.39 | ord | 104 | 104 |
| 08-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.39 | ord | 1,080 | 1,080 |
| 08-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.39 | ord | -249 | -249 |
| 08-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.39 | ord | 740 | 740 |
| 08-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.45 | ord | 14,822 | 14,822 |
| 09-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 875 | 875 |
| 09-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,432 | -3,432 |
| 09-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 13,314 | 13,314 |
| 09-Apr-14 | BlackRock Japan Co., Ltd. | on mkt sell | 7.50 | ord | -1,360 | -1,360 |
| 09-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.50 | ord | 221 | 221 |
| 10-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,706 | 5,706 |
| 10-Apr-14 | BlackRock Institutional Trust | in specie | n/a | ord | 2,892 | 2,892 |
| 10-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.59 | ord | 1,818 | 1,818 |
| 11-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.65 | ord | 14,776 | 14,776 |
| 14-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.48 | ord | -18,502 | -18,502 |
| 14-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.48 | ord | 249 | 249 |
| 14-Apr-14 | BlackRock Institutional Trust | on mkt buy | 7.48 | ord | 6,996 | 6,996 |
| 14-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.48 | ord | -166 | -166 |
| 14-Apr-14 | BlackRock Institutional Trust | on mkt buy | 7.48 | ord | 5,400 | 5,400 |
| 15-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.40 | ord | -7,138 | -7,138 |
| 15-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.40 | ord | 734 | 734 |
| 15-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.50 | ord | 493 | 493 |
| 15-Apr-14 | BlackRock Asset Management Canada Limited | in specie | n/a | ord | 3,306 | 3,306 |
| 15-Apr-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 30,792 | 30,792 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|-----------------------|---|---|------|--|--------------------------------|---------|
| 16-Apr-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.45 | ord | -18,498 | -18,498 |
| 16-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 18,774 | 18,774 |
| 17-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.40 | ord | 8,128 | 8,128 |
| 17-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.40 | ord | 734 | 734 |
| 22-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.48 | ord | 25,384 | 25,384 |
| 23-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.49 | ord | 37,004 | 37,004 |
| 23-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 625 | 625 |
| 23-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 31,290 | 31,290 |
| 23-Apr-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.49 | ord | 104 | 104 |
| 23-Apr-14 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -6,072 | -6,072 |
| 24-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,602 | 14,602 |
| 24-Apr-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.50 | ord | -9,375 | -9,375 |
| 24-Apr-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.50 | ord | -13,592 | -13,592 |
| 24-Apr-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.50 | ord | 11,436 | 11,436 |
| 24-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.50 | ord | 1,965 | 1,965 |
| 28-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,602 | 14,602 |
| 28-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,608 | 7,608 |
| 28-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.50 | ord | 527 | 527 |
| 28-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,608 | 7,608 |
| 29-Apr-14 | BlackRock Fund Advisors | on mkt buy | 7.50 | ord | 35,815 | 35,815 |
| 29-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,804 | 3,804 |
| 29-Apr-14 | BlackRock Fund Advisors | in specie | n/a | ord | 9,510 | 9,510 |
| 30-Apr-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 7.50 | ord | 340,287 | 340,287 |
| 01-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.63 | ord | 18,505 | 18,505 |
| 01-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 25,260 | 25,260 |
| 01-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.63 | ord | 290 | 290 |
| 02-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.71 | ord | 332 | 332 |
| 02-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,216 | 15,216 |
| 02-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,525 | 10,525 |
| 02-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,108 | 7,108 |
| 05-May-14 | BlackRock Fund Advisors | on mkt buy | 7.87 | ord | 17,290 | 17,290 |
| 05-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 33,680 | 33,680 |
| 05-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 25,260 | 25,260 |
| 06-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,326 | 2,326 |
| 07-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.86 | ord | 415 | 415 |
| 07-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.86 | ord | 249 | 249 |
| 07-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,216 | 14,216 |
| 07-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.86 | ord | 104 | 104 |
| 07-May-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 10,498 | 10,498 |
| 07-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.86 | ord | 1,464 | 1,464 |
| 07-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 109 | 109 |
| 07-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,355 | 2,355 |
| 07-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,315 | 6,315 |
| 07-May-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 164,250 | 164,250 |
| 08-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,630 | 12,630 |
| 08-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,706 | 5,706 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|---------|-------------------------|
| 08-May-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.63 | ord | -166 | -166 |
| 08-May-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 69,587 | 69,587 |
| 09-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 42,100 | 42,100 |
| 12-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.86 | ord | 332 | 332 |
| 12-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | -411 | -411 |
| 12-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 21,324 | 21,324 |
| 13-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,735 | 14,735 |
| 13-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,815 | 5,815 |
| 14-May-14 | BlackRock Fund Advisors | on mkt buy | 7.75 | ord | 25,517 | 25,517 |
| 14-May-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.72 | ord | 10,855 | 10,855 |
| 14-May-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.72 | ord | 5,033 | 5,033 |
| 14-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.75 | ord | 734 | 734 |
| 14-May-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.72 | ord | 2,551 | 2,551 |
| 14-May-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -16,626 | -16,626 |
| 15-May-14 | BlackRock Fund Advisors | on mkt buy | 7.70 | ord | 13,762 | 13,762 |
| 15-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 33,792 | 33,792 |
| 15-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.70 | ord | 49,441 | 49,441 |
| 15-May-14 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | 2,060 | 2,060 |
| 15-May-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 9,177 | 9,177 |
| 15-May-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -9,177 | -9,177 |
| 15-May-14 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | 1,030 | 1,030 |
| 16-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.73 | ord | 147,248 | 147,248 |
| 16-May-14 | BlackRock Fund Advisors | on mkt buy | 7.68 | ord | 3,964 | 3,964 |
| 16-May-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.73 | ord | 11,002 | 11,002 |
| 16-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 7.64 | ord | 2,084 | 2,084 |
| 16-May-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -26,690 | -26,690 |
| 16-May-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 29,506 | 29,506 |
| 19-May-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -2,388 | -2,388 |
| 20-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 42,280 | 42,280 |
| 20-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,662 | 10,662 |
| 20-May-14 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | 7,640 | 7,640 |
| 20-May-14 | BlackRock Fund Advisors | on mkt buy | 7.66 | ord | 391 | 391 |
| 21-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.37 | ord | 739 | 739 |
| 22-May-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.44 | ord | -7,233 | -7,233 |
| 23-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 25,368 | 25,368 |
| 23-May-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 11,404 | 11,404 |
| 27-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 19,026 | 19,026 |
| 27-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | -480 | -480 |
| 28-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.60 | ord | 83 | 83 |
| 28-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | -1,669 | -1,669 |
| 28-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,684 | 12,684 |
| 28-May-14 | BlackRock Asset Management Canada Limited | on mkt sell | 8.60 | ord | -1,087 | -1,087 |
| 28-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,228 | 4,228 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 29-May-14 | BlackRock Asset Management Deutschland AG | on mkt sell | 8.94 | ord | -99,432 | -99,432 |
| 29-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.88 | ord | 989 | 989 |
| 30-May-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.95 | ord | 84,562 | 84,562 |
| 30-May-14 | BlackRock Investment Management, LLC | on mkt buy | 8.95 | ord | 6,114 | 6,114 |
| 30-May-14 | BlackRock Fund Advisors | on mkt sell | 8.95 | ord | -103,483 | -103,483 |
| 30-May-14 | BlackRock Fund Advisors | in specie | n/a | ord | 31,710 | 31,710 |
| 30-May-14 | BlackRock Fund Advisors | on mkt buy | 8.95 | ord | 8,290 | 8,290 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 3,082 | 3,082 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 3,712 | 3,712 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 36,984 | 36,984 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 8.95 | ord | -36,503 | -36,503 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 7,814 | 7,814 |
| 30-May-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.95 | ord | 1,201 | 1,201 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 4,825 | 4,825 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 4,007 | 4,007 |
| 30-May-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.95 | ord | -5,471 | -5,471 |
| 30-May-14 | BlackRock Japan Co., Ltd. | on mkt buy | 8.95 | ord | 466 | 466 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 680 | 680 |
| 30-May-14 | BlackRock (Netherlands) B.V. | on mkt buy | 8.95 | ord | 1,064 | 1,064 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 7,423 | 7,423 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 6,164 | 6,164 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 1,113 | 1,113 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 925 | 925 |
| 30-May-14 | BlackRock Fund Advisors | on mkt sell | 8.95 | ord | -2,289 | -2,289 |
| 30-May-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.95 | ord | 2,523 | 2,523 |
| 30-May-14 | BlackRock Fund Advisors | on mkt buy | 8.95 | ord | 601 | 601 |
| 30-May-14 | BlackRock Fund Advisors | on mkt buy | 8.95 | ord | 724 | 724 |
| 30-May-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.95 | ord | 1,480 | 1,480 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 44,536 | 44,536 |
| 30-May-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.95 | ord | 6,488 | 6,488 |
| 30-May-14 | BlackRock Fund Advisors | on mkt buy | 8.95 | ord | 9,981 | 9,981 |
| 02-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 23,254 | 23,254 |
| 02-Jun-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -13,189 | -13,189 |
| 02-Jun-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 13,189 | 13,189 |
| 03-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.82 | ord | 1,066 | 1,066 |
| 03-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 19,026 | 19,026 |
| 03-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.69 | ord | 52 | 52 |
| 03-Jun-14 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -45,541 | -45,541 |
| 03-Jun-14 | BlackRock Investment Management (UK) Ltd | on mkt sell | 8.69 | ord | -1,673 | -1,673 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|--------|-------------------------|
| 03-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.69 | ord | 1,880 | 1,880 |
| 03-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.69 | ord | 1,103 | 1,103 |
| 04-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.71 | ord | 415 | 415 |
| 04-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,456 | 8,456 |
| 04-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.71 | ord | -4,212 | -4,212 |
| 04-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.69 | ord | 2,198 | 2,198 |
| 04-Jun-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 8.71 | ord | 5,124 | 5,124 |
| 05-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,570 | 10,570 |
| 05-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 19,026 | 19,026 |
| 05-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.70 | ord | 4,354 | 4,354 |
| 05-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.70 | ord | 83 | 83 |
| 05-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.70 | ord | 1,424 | 1,424 |
| 06-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.70 | ord | 2,132 | 2,132 |
| 06-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 19,026 | 19,026 |
| 06-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.70 | ord | 208 | 208 |
| 09-Jun-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.70 | ord | 22,094 | 22,094 |
| 09-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,114 | 2,114 |
| 09-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,456 | 8,456 |
| 09-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 540 | 540 |
| 09-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,662 | 10,662 |
| 10-Jun-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.85 | ord | 11,047 | 11,047 |
| 10-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,228 | 4,228 |
| 10-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 8.70 | ord | -1,876 | -1,876 |
| 10-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 780 | 780 |
| 10-Jun-14 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | 1,030 | 1,030 |
| 11-Jun-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.58 | ord | 11,057 | 11,057 |
| 11-Jun-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.58 | ord | 22,114 | 22,114 |
| 11-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.58 | ord | -1,411 | -1,411 |
| 11-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.58 | ord | 260 | 260 |
| 11-Jun-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.58 | ord | 2,216 | 2,216 |
| 11-Jun-14 | BlackRock Fund Advisors | on mkt buy | 8.58 | ord | 1,882 | 1,882 |
| 12-Jun-14 | BlackRock International Limited | on mkt buy | 8.35 | ord | 3,935 | 3,935 |
| 12-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,228 | 4,228 |
| 12-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,798 | 14,798 |
| 13-Jun-14 | BlackRock Investment Management (UK) Ltd | in specie | n/a | ord | 5,865 | 5,865 |
| 13-Jun-14 | BlackRock Investment Management (UK) Ltd | in specie | n/a | ord | 19,472 | 19,472 |
| 13-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.22 | ord | 7,476 | 7,476 |
| 13-Jun-14 | BlackRock Investment Management, LLC | in specie | n/a | ord | 3,778 | 3,778 |
| 13-Jun-14 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | 7,640 | 7,640 |
| 13-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.22 | ord | 1,241 | 1,241 |
| 13-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,456 | 8,456 |
| 16-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,456 | 8,456 |
| 16-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,570 | 10,570 |
| 16-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 38,052 | 38,052 |
| 16-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,108 | 7,108 |
| 16-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.32 | ord | 104 | 104 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|-----------------------|---|---|------|--|--------------------------------|----------|
| 16-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,900 | 3,900 |
| 17-Jun-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.40 | ord | 10,951 | 10,951 |
| 17-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,342 | 6,342 |
| 17-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,800 | -7,800 |
| 17-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | -5,850 | -5,850 |
| 17-Jun-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 23,378 | 23,378 |
| 17-Jun-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -71,322 | -71,322 |
| 18-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,342 | 6,342 |
| 18-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.60 | ord | -1,216 | -1,216 |
| 18-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.60 | ord | 166 | 166 |
| 19-Jun-14 | BlackRock International Limited | on mkt buy | 8.90 | ord | 11,609 | 11,609 |
| 19-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.90 | ord | -1,411 | -1,411 |
| 19-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.90 | ord | 208 | 208 |
| 19-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.90 | ord | 780 | 780 |
| 19-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.90 | ord | -83 | -83 |
| 20-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 9.05 | ord | -1,067 | -1,067 |
| 20-Jun-14 | BlackRock Advisors (UK) Limited | on mkt sell | 9.05 | ord | -1,411 | -1,411 |
| 20-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,342 | 6,342 |
| 20-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 9.05 | ord | 780 | 780 |
| 20-Jun-14 | BlackRock Investment Management, LLC | on mkt buy | 9.05 | ord | 586 | 586 |
| 20-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 9.05 | ord | 5,319 | 5,319 |
| 23-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,342 | 6,342 |
| 23-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,554 | 3,554 |
| 23-Jun-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 9.05 | ord | 7,640 | 7,640 |
| 23-Jun-14 | BlackRock Fund Advisors | on mkt buy | 9.05 | ord | 1,614 | 1,614 |
| 23-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 42,280 | 42,280 |
| 24-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | -320 | -320 |
| 24-Jun-14 | BlackRock Fund Advisors | on mkt sell | 8.96 | ord | -76,020 | -76,020 |
| 24-Jun-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 1,552 | 1,552 |
| 24-Jun-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 4,071 | 4,071 |
| 24-Jun-14 | BlackRock Fund Advisors | on mkt sell | 8.96 | ord | -3,043 | -3,043 |
| 24-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,237 | 6,237 |
| 25-Jun-14 | BlackRock Fund Advisors | on mkt sell | 8.98 | ord | -12,087 | -12,087 |
| 25-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,632 | 16,632 |
| 25-Jun-14 | BlackRock Fund Advisors | on mkt sell | 8.98 | ord | -11,330 | -11,330 |
| 25-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 8.98 | ord | -5,865 | -5,865 |
| 25-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 8.98 | ord | -15,953 | -15,953 |
| 25-Jun-14 | BlackRock Fund Advisors | on mkt sell | 8.98 | ord | -10,731 | -10,731 |
| 26-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,474 | 12,474 |
| 26-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,553 | 14,553 |
| 26-Jun-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 9.09 | ord | -9,217 | -9,217 |
| 27-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.97 | ord | 106 | 106 |
| 27-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.97 | ord | 10,826 | 10,826 |
| 27-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 19,941 | 19,941 |
| 27-Jun-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -199,679 | -199,679 |
| 30-Jun-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.86 | ord | 21,950 | 21,950 |
| 30-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.86 | ord | 498 | 498 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|---------|-------------------------|
| 30-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 9,384 | 9,384 |
| 30-Jun-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 8.86 | ord | -9,219 | -9,219 |
| 30-Jun-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.86 | ord | 740 | 740 |
| 30-Jun-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 8.86 | ord | -58,675 | -58,675 |
| 30-Jun-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.86 | ord | 1,686 | 1,686 |
| 30-Jun-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.86 | ord | 7,436 | 7,436 |
| 30-Jun-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,474 | 12,474 |
| 01-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.92 | ord | -5,355 | -5,355 |
| 01-Jul-14 | BlackRock Fund Advisors | on mkt buy | 8.91 | ord | 8,808 | 8,808 |
| 01-Jul-14 | BlackRock Fund Advisors | on mkt buy | 8.91 | ord | 493 | 493 |
| 02-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.97 | ord | 4,671 | 4,671 |
| 02-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,581 | 14,581 |
| 02-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,332 | 8,332 |
| 02-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,664 | 16,664 |
| 03-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 9.18 | ord | 18,399 | 18,399 |
| 03-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 9.16 | ord | -498 | -498 |
| 03-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 137 | 137 |
| 03-Jul-14 | BlackRock Fund Advisors | on mkt buy | 9.20 | ord | 425 | 425 |
| 03-Jul-14 | BlackRock Fund Advisors | on mkt buy | 9.20 | ord | 1,649 | 1,649 |
| 04-Jul-14 | BlackRock Fund Advisors | on mkt buy | 9.17 | ord | 4,442 | 4,442 |
| 04-Jul-14 | BlackRock Fund Advisors | on mkt buy | 9.17 | ord | 459 | 459 |
| 07-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 9.17 | ord | 104 | 104 |
| 07-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 9.10 | ord | 5,741 | 5,741 |
| 07-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 9.17 | ord | 749 | 749 |
| 08-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,170 | 4,170 |
| 08-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,510 | 12,510 |
| 08-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,680 | 16,680 |
| 08-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 20,850 | 20,850 |
| 08-Jul-14 | BlackRock Fund Advisors | on mkt buy | 9.06 | ord | 2,611 | 2,611 |
| 08-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 9.24 | ord | 104 | 104 |
| 08-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 9.24 | ord | -2,220 | -2,220 |
| 08-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,340 | 8,340 |
| 09-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 9.07 | ord | 9,362 | 9,362 |
| 10-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,425 | 10,425 |
| 10-Jul-14 | BlackRock (Netherlands) B.V. | in specie | n/a | ord | 8,725 | 8,725 |
| 10-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 9.01 | ord | 1,569 | 1,569 |
| 10-Jul-14 | BlackRock Fund Advisors | on mkt buy | 9.01 | ord | 306 | 306 |
| 11-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,510 | 12,510 |
| 11-Jul-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 3,884 | 3,884 |
| 11-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.93 | ord | 744 | 744 |
| 14-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.76 | ord | 7,971 | 7,971 |
| 14-Jul-14 | BlackRock Fund Advisors | on mkt buy | 8.88 | ord | 2,611 | 2,611 |
| 14-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.76 | ord | 1,588 | 1,588 |
| 14-Jul-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 46,851 | 46,851 |
| 15-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.67 | ord | 2,813 | 2,813 |
| 15-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.67 | ord | 104 | 104 |
| 15-Jul-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.85 | ord | 6,208 | 6,208 |
| 15-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.67 | ord | 479 | 479 |
| 15-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,425 | 10,425 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 16-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 8.38 | ord | -2,194 | -2,194 |
| 16-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.38 | ord | 656 | 656 |
| 16-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.38 | ord | 104 | 104 |
| 16-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.38 | ord | 4,254 | 4,254 |
| 16-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 8.38 | ord | -160,383 | -160,383 |
| 16-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.38 | ord | 1,516 | 1,516 |
| 17-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.47 | ord | 164 | 164 |
| 17-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,170 | 4,170 |
| 17-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 8.48 | ord | -402,077 | -402,077 |
| 17-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 8.47 | ord | 7,197 | 7,197 |
| 18-Jul-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 8.11 | ord | 4,001 | 4,001 |
| 18-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.11 | ord | 52 | 52 |
| 18-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 8.15 | ord | -261,859 | -261,859 |
| 21-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 21-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,595 | 14,595 |
| 21-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.06 | ord | 52 | 52 |
| 21-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.06 | ord | 757 | 757 |
| 21-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 8.06 | ord | 1,890 | 1,890 |
| 21-Jul-14 | BlackRock Fund Advisors | on mkt sell | 8.14 | ord | -425 | -425 |
| 21-Jul-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 8.06 | ord | 3,654 | 3,654 |
| 21-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 137 | 137 |
| 22-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.01 | ord | 410 | 410 |
| 22-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,736 | -7,736 |
| 22-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 8.01 | ord | 1,030 | 1,030 |
| 23-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,255 | 6,255 |
| 23-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,510 | 12,510 |
| 23-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,868 | -3,868 |
| 23-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,114 | 15,114 |
| 23-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,595 | 14,595 |
| 23-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 22,935 | 22,935 |
| 24-Jul-14 | BlackRock Fund Advisors | on mkt buy | 8.28 | ord | 378 | 378 |
| 24-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,445 | 2,445 |
| 25-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.94 | ord | 1,148 | 1,148 |
| 25-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.94 | ord | -4,768 | -4,768 |
| 25-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,510 | 12,510 |
| 25-Jul-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 103,312 | 103,312 |
| 28-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 8.02 | ord | -10,300 | -10,300 |
| 28-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 8.02 | ord | 759 | 759 |
| 28-Jul-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 23,565 | 23,565 |
| 29-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.67 | ord | 18,367 | 18,367 |
| 29-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.50 | ord | 574 | 574 |
| 29-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.50 | ord | 246 | 246 |
| 29-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.50 | ord | -1,568 | -1,568 |
| 29-Jul-14 | BlackRock Fund Advisors | on mkt buy | 8.00 | ord | 342 | 342 |
| 29-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,680 | 16,680 |
| 30-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.95 | ord | -1,568 | -1,568 |
| 30-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.95 | ord | 2,854 | 2,854 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 30-Jul-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.95 | ord | 35,567 | 35,567 |
| 30-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 7.95 | ord | 1,591 | 1,591 |
| 30-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 7.95 | ord | 1,061 | 1,061 |
| 30-Jul-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -147,806 | -147,806 |
| 31-Jul-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 447 | 447 |
| 31-Jul-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -447 | -447 |
| 31-Jul-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.81 | ord | -48,142 | -48,142 |
| 31-Jul-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.81 | ord | -2,511 | -2,511 |
| 31-Jul-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.81 | ord | 759 | 759 |
| 31-Jul-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,736 | 7,736 |
| 01-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.69 | ord | -1,097 | -1,097 |
| 01-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,680 | 16,680 |
| 01-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 13,538 | 13,538 |
| 01-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.69 | ord | 156 | 156 |
| 01-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.69 | ord | 759 | 759 |
| 04-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,680 | 16,680 |
| 04-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.63 | ord | 760 | 760 |
| 05-Aug-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.50 | ord | 1,427 | 1,427 |
| 05-Aug-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 7.50 | ord | 2,791 | 2,791 |
| 06-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.52 | ord | 328 | 328 |
| 07-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.45 | ord | 328 | 328 |
| 07-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.47 | ord | 306 | 306 |
| 07-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,680 | 16,680 |
| 07-Aug-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 48,958 | 48,958 |
| 08-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,505 | 3,505 |
| 11-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.52 | ord | 2,341 | 2,341 |
| 11-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.43 | ord | -416 | -416 |
| 11-Aug-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -2,434 | -2,434 |
| 11-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.43 | ord | -5,065 | -5,065 |
| 11-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.43 | ord | 1,416 | 1,416 |
| 12-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,515 | 10,515 |
| 12-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,515 | 10,515 |
| 12-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,736 | -7,736 |
| 12-Aug-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.59 | ord | 1,030 | 1,030 |
| 12-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,445 | 2,445 |
| 13-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,516 | 12,516 |
| 14-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.38 | ord | 18,362 | 18,362 |
| 14-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.38 | ord | 7,458 | 7,458 |
| 14-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 20,860 | 20,860 |
| 15-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.40 | ord | 104 | 104 |
| 15-Aug-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -6,104 | -6,104 |
| 18-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.37 | ord | 738 | 738 |
| 18-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 800 | 800 |
| 18-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,602 | 14,602 |
| 18-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 18,774 | 18,774 |
| 18-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.40 | ord | 2,065 | 2,065 |
| 18-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.40 | ord | -2,065 | -2,065 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 18-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,410 | 7,410 |
| 19-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.57 | ord | -146,904 | -146,904 |
| 19-Aug-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 7.57 | ord | 1,030 | 1,030 |
| 19-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.41 | ord | 360 | 360 |
| 19-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 815 | 815 |
| 19-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,400 | 2,400 |
| 20-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.59 | ord | 36,730 | 36,730 |
| 20-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.60 | ord | 36,730 | 36,730 |
| 20-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,680 | 3,680 |
| 20-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,802 | 5,802 |
| 21-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.72 | ord | 30,324 | 30,324 |
| 21-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,258 | 6,258 |
| 21-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,430 | 10,430 |
| 21-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,430 | 10,430 |
| 21-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.37 | ord | 2,403 | 2,403 |
| 22-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,170 | 2,170 |
| 22-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.62 | ord | 183 | 183 |
| 22-Aug-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 7.62 | ord | -23,797 | -23,797 |
| 25-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 651 | 651 |
| 25-Aug-14 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | -440,471 | -440,471 |
| 26-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,688 | 16,688 |
| 26-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.60 | ord | 288 | 288 |
| 27-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.62 | ord | 4,788 | 4,788 |
| 27-Aug-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,340 | 2,340 |
| 28-Aug-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 7.55 | ord | 11,045 | 11,045 |
| 28-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.55 | ord | -36,736 | -36,736 |
| 29-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.44 | ord | -55,104 | -55,104 |
| 29-Aug-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.44 | ord | -18,368 | -18,368 |
| 29-Aug-14 | BlackRock Fund Advisors | on mkt buy | 7.53 | ord | 51,775 | 51,775 |
| 29-Aug-14 | BlackRock Fund Advisors | on mkt sell | 7.44 | ord | -3,773 | -3,773 |
| 29-Aug-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.44 | ord | -12,806 | -12,806 |
| 29-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.44 | ord | 2,135 | 2,135 |
| 29-Aug-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.44 | ord | 759 | 759 |
| 29-Aug-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 7.44 | ord | 56,916 | 56,916 |
| 29-Aug-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 7.44 | ord | 170,745 | 170,745 |
| 02-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.56 | ord | 246 | 246 |
| 02-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,704 | 16,704 |
| 02-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.56 | ord | 122 | 122 |
| 02-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.56 | ord | -2,280 | -2,280 |
| 02-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.51 | ord | 2,280 | 2,280 |
| 02-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.51 | ord | 1,425 | 1,425 |
| 02-Sep-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 7.56 | ord | 2,832 | 2,832 |
| 03-Sep-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 7.50 | ord | 11,077 | 11,077 |
| 03-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.50 | ord | 122 | 122 |
| 03-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,950 | 1,950 |
| 04-Sep-14 | BlackRock Asset Management Canada Limited | on mkt buy | 7.44 | ord | 5,471 | 5,471 |
| 04-Sep-14 | BlackRock Asset Management North Asia Limited | on mkt buy | 7.50 | ord | 264 | 264 |
| 05-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.31 | ord | -18,369 | -18,369 |
| 05-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.31 | ord | -1,093 | -1,093 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|---------|
| 05-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.31 | ord | 1,066 | 1,066 |
| 05-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,616 | 14,616 |
| 08-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,616 | 14,616 |
| 08-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.36 | ord | 762 | 762 |
| 09-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.31 | ord | 120 | 120 |
| 10-Sep-14 | BlackRock (Netherlands) B.V. | in specie | n/a | ord | 8,159 | 8,159 |
| 10-Sep-14 | BlackRock Asset Management North Asia Limited | on mkt buy | 7.24 | ord | 271 | 271 |
| 10-Sep-14 | BlackRock Investment Management, LLC | in specie | n/a | ord | -3,778 | -3,778 |
| 11-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 7.17 | ord | 114 | 114 |
| 11-Sep-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -2,473 | -2,473 |
| 11-Sep-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -1,388 | -1,388 |
| 11-Sep-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -935 | -935 |
| 11-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 780 | 780 |
| 11-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,528 | 12,528 |
| 12-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 7.20 | ord | -18,367 | -18,367 |
| 12-Sep-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.20 | ord | -7,532 | -7,532 |
| 12-Sep-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 7.20 | ord | -2,260 | -2,260 |
| 16-Sep-14 | BlackRock Fund Advisors | on mkt buy | 7.02 | ord | 4,844 | 4,844 |
| 16-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,560 | 1,560 |
| 17-Sep-14 | BlackRock Asset Management Deutschland AG | on mkt sell | 6.94 | ord | -21,986 | -21,986 |
| 17-Sep-14 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -7,257 | -7,257 |
| 17-Sep-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -3,333 | -3,333 |
| 17-Sep-14 | BlackRock Fund Advisors | on mkt buy | 7.02 | ord | 252 | 252 |
| 18-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,519 | 3,519 |
| 19-Sep-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 6.97 | ord | 12,734 | 12,734 |
| 19-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 6.97 | ord | 5,337 | 5,337 |
| 22-Sep-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.77 | ord | 1,545 | 1,545 |
| 22-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.77 | ord | -1,433 | -1,433 |
| 22-Sep-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 153,785 | 153,785 |
| 23-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.82 | ord | -1,703 | -1,703 |
| 23-Sep-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 3,557 | 3,557 |
| 23-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.82 | ord | 1,434 | 1,434 |
| 23-Sep-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.82 | ord | -1,130 | -1,130 |
| 23-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 23-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,076 | 14,076 |
| 23-Sep-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -32,934 | -32,934 |
| 24-Sep-14 | BlackRock Asset Management Deutschland AG | on mkt sell | 5.75 | ord | -11,015 | -11,015 |
| 24-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.75 | ord | -328 | -328 |
| 24-Sep-14 | BlackRock Fund Advisors | on mkt sell | 5.75 | ord | -14,532 | -14,532 |
| 24-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,672 | 16,672 |
| 24-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.75 | ord | -99 | -99 |
| 24-Sep-14 | BlackRock Fund Advisors | on mkt sell | 5.75 | ord | -5,202 | -5,202 |
| 24-Sep-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.75 | ord | -4,635 | -4,635 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 24-Sep-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -109,351 | -109,351 |
| 25-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,771 | 2,771 |
| 26-Sep-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.57 | ord | 1,427 | 1,427 |
| 29-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,252 | 6,252 |
| 29-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.36 | ord | 120 | 120 |
| 29-Sep-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -1,580 | -1,580 |
| 29-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.36 | ord | -2,292 | -2,292 |
| 29-Sep-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.36 | ord | 764 | 764 |
| 30-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,588 | 14,588 |
| 30-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 31,260 | 31,260 |
| 30-Sep-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.27 | ord | -2,556 | -2,556 |
| 30-Sep-14 | BlackRock Fund Advisors | in specie | n/a | ord | 550 | 550 |
| 01-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.41 | ord | 4,290 | 4,290 |
| 01-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.27 | ord | 450 | 450 |
| 02-Oct-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.34 | ord | 1,545 | 1,545 |
| 02-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.40 | ord | 450 | 450 |
| 03-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.30 | ord | -1,087 | -1,087 |
| 03-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.30 | ord | 432 | 432 |
| 06-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.22 | ord | 122 | 122 |
| 06-Oct-14 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -51,876 | -51,876 |
| 06-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,340 | 2,340 |
| 07-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.20 | ord | 11,718 | 11,718 |
| 07-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,588 | 14,588 |
| 08-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,248 | 1,248 |
| 08-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.17 | ord | 14,772 | 14,772 |
| 08-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,538 | -3,538 |
| 08-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,076 | -7,076 |
| 08-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.20 | ord | 183 | 183 |
| 08-Oct-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -3,361 | -3,361 |
| 08-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.20 | ord | 1,017 | 1,017 |
| 08-Oct-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.20 | ord | -1,426 | -1,426 |
| 09-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.29 | ord | -1,514 | -1,514 |
| 09-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.25 | ord | -198 | -198 |
| 09-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.28 | ord | 810 | 810 |
| 09-Oct-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 552,000 | 552,000 |
| 13-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.07 | ord | 3,238 | 3,238 |
| 13-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.07 | ord | 11,596 | 11,596 |
| 14-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.30 | ord | -5,405 | -5,405 |
| 14-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.16 | ord | 1,494 | 1,494 |
| 14-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,134 | 15,134 |
| 14-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.29 | ord | 366 | 366 |
| 14-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.30 | ord | 5,323 | 5,323 |
| 15-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.41 | ord | -164 | -164 |
| 15-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -18,810 | -18,810 |
| 15-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,180 | -7,180 |
| 15-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,097 | 3,097 |
| 16-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.46 | ord | -1,081 | -1,081 |
| 16-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.36 | ord | -1,722 | -1,722 |
| 16-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -10,450 | -10,450 |
| 16-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,900 | 3,900 |
| 16-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.45 | ord | 141,559 | 141,559 |
| 16-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 3,785 | 3,785 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 16-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 4,542 | 4,542 |
| 17-Oct-14 | BlackRock Asset Management Deutschland AG | on mkt sell | 5.57 | ord | -22,048 | -22,048 |
| 17-Oct-14 | BlackRock Asset Management Deutschland AG | on mkt sell | 5.57 | ord | -11,024 | -11,024 |
| 17-Oct-14 | BlackRock Fund Advisors | on mkt buy | 5.57 | ord | 46,665 | 46,665 |
| 17-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.57 | ord | 10,521 | 10,521 |
| 17-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.57 | ord | -481 | -481 |
| 17-Oct-14 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -9,927 | -9,927 |
| 17-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.57 | ord | 5,299 | 5,299 |
| 17-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.57 | ord | 757 | 757 |
| 17-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,120 | 3,120 |
| 20-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.64 | ord | 1,514 | 1,514 |
| 20-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.68 | ord | 14,383 | 14,383 |
| 20-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.61 | ord | 6,813 | 6,813 |
| 20-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.61 | ord | 1,514 | 1,514 |
| 21-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.57 | ord | 22,463 | 22,463 |
| 21-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.57 | ord | 549 | 549 |
| 21-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.57 | ord | 183 | 183 |
| 21-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.57 | ord | 488 | 488 |
| 21-Oct-14 | BlackRock Investment Management (UK) Ltd | on mkt sell | 5.57 | ord | -140,000 | -140,000 |
| 21-Oct-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -14,320 | -14,320 |
| 21-Oct-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.57 | ord | 4,102 | 4,102 |
| 22-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.54 | ord | 1,514 | 1,514 |
| 23-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.53 | ord | 18,356 | 18,356 |
| 23-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.53 | ord | 427 | 427 |
| 23-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.53 | ord | 757 | 757 |
| 23-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,540 | 12,540 |
| 23-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 18,810 | 18,810 |
| 24-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,586 | 3,586 |
| 27-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 10,450 | 10,450 |
| 27-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,900 | 3,900 |
| 27-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.55 | ord | 427 | 427 |
| 27-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.55 | ord | 757 | 757 |
| 27-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.55 | ord | 198 | 198 |
| 27-Oct-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.55 | ord | 1,426 | 1,426 |
| 27-Oct-14 | BlackRock Asset Management Canada Limited | on mkt buy | 5.55 | ord | 1,090 | 1,090 |
| 27-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.55 | ord | 620 | 620 |
| 28-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,185 | 1,185 |
| 28-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 28-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.53 | ord | -891 | -891 |
| 28-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.53 | ord | 99 | 99 |
| 29-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -14,360 | -14,360 |
| 29-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 550 | 550 |
| 30-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.61 | ord | -33,251 | -33,251 |
| 30-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.61 | ord | -1,750 | -1,750 |
| 30-Oct-14 | BlackRock Asset Management Canada Limited | on mkt sell | 5.61 | ord | -2,786 | -2,786 |
| 30-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,134 | 15,134 |
| 31-Oct-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.63 | ord | -410 | -410 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|---------|
| 31-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 31-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,540 | 12,540 |
| 31-Oct-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,180 | -7,180 |
| 31-Oct-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.63 | ord | 305 | 305 |
| 31-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.64 | ord | -33,251 | -33,251 |
| 31-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.64 | ord | -1,749 | -1,749 |
| 31-Oct-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.63 | ord | -790 | -790 |
| 31-Oct-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 1,398 | 1,398 |
| 31-Oct-14 | BlackRock Asset Management Canada Limited | on mkt sell | 5.64 | ord | -2,786 | -2,786 |
| 31-Oct-14 | BlackRock Asset Management North Asia Limited | in specie | n/a | ord | 1,894 | 1,894 |
| 03-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.50 | ord | 757 | 757 |
| 03-Nov-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.50 | ord | 1,028 | 1,028 |
| 04-Nov-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.63 | ord | 11,031 | 11,031 |
| 04-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,590 | -3,590 |
| 04-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,950 | 1,950 |
| 04-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.63 | ord | 1,514 | 1,514 |
| 05-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,720 | 16,720 |
| 05-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,950 | 1,950 |
| 05-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 488 | 488 |
| 05-Nov-14 | BlackRock Investment Management (UK) Ltd | on mkt sell | 5.46 | ord | -70,000 | -70,000 |
| 05-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 757 | 757 |
| 05-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 99 | 99 |
| 05-Nov-14 | BlackRock Asset Management Canada Limited | in specie | n/a | ord | 1,837 | 1,837 |
| 06-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,590 | -3,590 |
| 06-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,934 | 2,934 |
| 07-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,180 | -7,180 |
| 07-Nov-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.46 | ord | -15,007 | -15,007 |
| 07-Nov-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.50 | ord | 68,221 | 68,221 |
| 07-Nov-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.50 | ord | 3,317 | 3,317 |
| 07-Nov-14 | BlackRock Asset Management Canada Limited | on mkt buy | 5.50 | ord | 5,860 | 5,860 |
| 10-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,540 | 12,540 |
| 10-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.66 | ord | 183 | 183 |
| 10-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.66 | ord | 244 | 244 |
| 10-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.66 | ord | 99 | 99 |
| 11-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.27 | ord | 738 | 738 |
| 12-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,540 | 12,540 |
| 12-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,590 | -3,590 |
| 12-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,590 | -3,590 |
| 12-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.07 | ord | 6,133 | 6,133 |
| 12-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 13-Nov-14 | BlackRock Advisors, LLC | on mkt buy | 4.96 | ord | 10,125 | 10,125 |
| 13-Nov-14 | BlackRock Fund Advisors | on mkt buy | 5.05 | ord | 42,398 | 42,398 |
| 13-Nov-14 | BlackRock (Netherlands) B.V. | in specie | n/a | ord | 10,628 | 10,628 |
| 14-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.06 | ord | 36,720 | 36,720 |
| 14-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -137 | -137 |
| 14-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.05 | ord | 61 | 61 |
| 14-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.05 | ord | 1,524 | 1,524 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 17-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.82 | ord | 36,718 | 36,718 |
| 17-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,749 | 14,749 |
| 17-Nov-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.82 | ord | 1,028 | 1,028 |
| 17-Nov-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.82 | ord | 2,056 | 2,056 |
| 17-Nov-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -342,634 | -342,634 |
| 18-Nov-14 | BlackRock Advisors, LLC | on mkt buy | 4.90 | ord | 18,761 | 18,761 |
| 18-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,975 | 1,975 |
| 18-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,519 | -3,519 |
| 18-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.88 | ord | 762 | 762 |
| 18-Nov-14 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | 5,926 | 5,926 |
| 19-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -1,580 | -1,580 |
| 19-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.60 | ord | 305 | 305 |
| 19-Nov-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 5,257 | 5,257 |
| 19-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,934 | 2,934 |
| 19-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 3,555 | 3,555 |
| 19-Nov-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -156,712 | -156,712 |
| 20-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 20-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.65 | ord | 427 | 427 |
| 20-Nov-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.65 | ord | 1,426 | 1,426 |
| 20-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,134 | 15,134 |
| 20-Nov-14 | BlackRock International Limited | in specie | n/a | ord | -16,678 | -16,678 |
| 20-Nov-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.65 | ord | 2,056 | 2,056 |
| 20-Nov-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -111,090 | -111,090 |
| 21-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 14,076 | 14,076 |
| 21-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 12,642 | 12,642 |
| 24-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -9,384 | -9,384 |
| 24-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.28 | ord | 244 | 244 |
| 24-Nov-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.28 | ord | -1,197 | -1,197 |
| 25-Nov-14 | BlackRock International Limited | on mkt buy | 5.00 | ord | 7,042 | 7,042 |
| 25-Nov-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.00 | ord | 240,131 | 240,131 |
| 25-Nov-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.00 | ord | 7,870 | 7,870 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 13,418 | 13,418 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 441 | 441 |
| 25-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -137 | -137 |
| 25-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,518 | -3,518 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 63 | 63 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 1,880 | 1,880 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 204 | 204 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.00 | ord | -8,820 | -8,820 |
| 25-Nov-14 | BlackRock Japan Co., Ltd. | on mkt buy | 5.00 | ord | 8,372 | 8,372 |
| 25-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 762 | 762 |
| 25-Nov-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.00 | ord | 3,868 | 3,868 |
| 25-Nov-14 | BlackRock Japan Co., Ltd. | on mkt sell | 4.81 | ord | -458 | -458 |
| 25-Nov-14 | BlackRock Fund Advisors | on mkt sell | 5.00 | ord | -15,048 | -15,048 |
| 26-Nov-14 | BlackRock Asset Management Deutschland AG | on mkt buy | 4.93 | ord | 22,176 | 22,176 |
| 26-Nov-14 | BlackRock Advisors (UK) Limited | on mkt sell | 4.93 | ord | -8,114 | -8,114 |
| 26-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,580 | 1,580 |

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|----------------|---|--|------|---|-------------------------|---------|
| 26-Nov-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,038 | 7,038 |
| 26-Nov-14 | BlackRock Japan Co., Ltd. | in specie | n/a | ord | -1,570 | -1,570 |
| 27-Nov-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 14,062 | 14,062 |
| 28-Nov-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 3,537 | 3,537 |
| 28-Nov-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.04 | ord | 1,431 | 1,431 |
| 28-Nov-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -14,024 | -14,024 |
| 01-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.93 | ord | 204 | 204 |
| 01-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.93 | ord | 762 | 762 |
| 01-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 31,605 | 31,605 |
| 01-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 91,432 | 91,432 |
| 02-Dec-14 | BlackRock Advisors, LLC | on mkt buy | 4.92 | ord | 31,866 | 31,866 |
| 02-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.90 | ord | 380 | 380 |
| 02-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,038 | -7,038 |
| 02-Dec-14 | BlackRock Fund Advisors | on mkt buy | 4.90 | ord | 17,654 | 17,654 |
| 02-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 4.90 | ord | -762 | -762 |
| 02-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 550 | 550 |
| 02-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 4.90 | ord | 3,601 | 3,601 |
| 03-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 16,195 | 16,195 |
| 03-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.03 | ord | 136 | 136 |
| 03-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.03 | ord | -8,361 | -8,361 |
| 03-Dec-14 | BlackRock Japan Co., Ltd. | on mkt sell | 4.89 | ord | -3,901 | -3,901 |
| 03-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.03 | ord | 3,628 | 3,628 |
| 03-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 04-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,519 | -3,519 |
| 04-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,249 | 15,249 |
| 04-Dec-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.17 | ord | 1,028 | 1,028 |
| 05-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,765 | 2,765 |
| 05-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.33 | ord | 136 | 136 |
| 05-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -5,099 | -5,099 |
| 08-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.16 | ord | -2,154 | -2,154 |
| 08-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.11 | ord | 759 | 759 |
| 08-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.11 | ord | 760 | 760 |
| 08-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 861,835 | 861,835 |
| 09-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.88 | ord | 1,078 | 1,078 |
| 09-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 6,715 | 6,715 |
| 09-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 8,211 | 8,211 |
| 09-Dec-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 2,654 | 2,654 |
| 09-Dec-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 4.88 | ord | -17,579 | -17,579 |
| 09-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 4.88 | ord | 4,504 | 4,504 |
| 09-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,934 | 2,934 |
| 09-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -69,349 | -69,349 |
| 10-Dec-14 | BlackRock Asset Management Deutschland AG | on mkt sell | 4.84 | ord | -7,686 | -7,686 |
| 10-Dec-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -7,982 | -7,982 |
| 10-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,170 | 1,170 |
| 10-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -10,554 | -10,554 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 11-Dec-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 3,532 | 3,532 |
| 11-Dec-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.67 | ord | 1,426 | 1,426 |
| 11-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt sell | 4.67 | ord | -8,907 | -8,907 |
| 11-Dec-14 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.67 | ord | 1,028 | 1,028 |
| 12-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 4.74 | ord | -380 | -380 |
| 12-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -5,850 | -5,850 |
| 12-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 4.74 | ord | -10,264 | -10,264 |
| 12-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt sell | 4.74 | ord | -5,059 | -5,059 |
| 12-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -774,323 | -774,323 |
| 15-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -4,228 | -4,228 |
| 15-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -38,052 | -38,052 |
| 15-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -10,554 | -10,554 |
| 15-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,800 | -7,800 |
| 15-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 4.64 | ord | 1,520 | 1,520 |
| 15-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -112,878 | -112,878 |
| 16-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -7,036 | -7,036 |
| 16-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,518 | -3,518 |
| 16-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -19,500 | -19,500 |
| 16-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 978 | 978 |
| 16-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -13,650 | -13,650 |
| 16-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 155,618 | 155,618 |
| 17-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 4.60 | ord | -950 | -950 |
| 17-Dec-14 | BlackRock Fund Advisors | on mkt sell | 4.60 | ord | -23,735 | -23,735 |
| 17-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 4.60 | ord | 4,131 | 4,131 |
| 17-Dec-14 | BlackRock Fund Advisors | on mkt sell | 4.60 | ord | -19,303 | -19,303 |
| 18-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 268 | 268 |
| 18-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt buy | 4.97 | ord | 135,896 | 135,896 |
| 18-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.00 | ord | -1,516 | -1,516 |
| 18-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 396 | 396 |
| 18-Dec-14 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -39,551 | -39,551 |
| 18-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -6,342 | -6,342 |
| 18-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -95,130 | -95,130 |
| 18-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -3,160 | -3,160 |
| 18-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -112,926 | -112,926 |
| 19-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.26 | ord | 6,258 | 6,258 |
| 19-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.26 | ord | 2,945 | 2,945 |
| 19-Dec-14 | BlackRock Fund Advisors | on mkt sell | 5.26 | ord | -73,620 | -73,620 |
| 19-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -14,588 | -14,588 |
| 19-Dec-14 | BlackRock Fund Advisors | on mkt buy | 5.08 | ord | 12,338 | 12,338 |
| 19-Dec-14 | BlackRock Fund Advisors | on mkt buy | 5.26 | ord | 3,190 | 3,190 |
| 19-Dec-14 | BlackRock Fund Advisors | on mkt sell | 5.26 | ord | -817 | -817 |
| 19-Dec-14 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.26 | ord | 7,987 | 7,987 |
| 19-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 7,568 | 7,568 |
| 22-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.37 | ord | 1,045 | 1,045 |
| 22-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,173 | 1,173 |
| 22-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.38 | ord | 114,996 | 114,996 |
| 22-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 1,610 | 1,610 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 22-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 545 | 545 |
| 22-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | -9,460 | -9,460 |
| 22-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 2,898 | 2,898 |
| 22-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 74,248 | 74,248 |
| 23-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.20 | ord | -758 | -758 |
| 23-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.20 | ord | 99 | 99 |
| 23-Dec-14 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.20 | ord | -2,570 | -2,570 |
| 23-Dec-14 | BlackRock Fund Advisors | on mkt buy | 5.28 | ord | 523 | 523 |
| 23-Dec-14 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.27 | ord | -6,999 | -6,999 |
| 23-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 87,265 | 87,265 |
| 24-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.38 | ord | 3,207 | 3,207 |
| 24-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.38 | ord | 1,887 | 1,887 |
| 24-Dec-14 | BlackRock Advisors (UK) Limited | on mkt sell | 5.38 | ord | -3,032 | -3,032 |
| 24-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.38 | ord | 641 | 641 |
| 24-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 75,412 | 75,412 |
| 26-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 17,595 | 17,595 |
| 26-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 15,120 | 15,120 |
| 29-Dec-14 | BlackRock Fund Advisors | on mkt buy | 5.37 | ord | 638 | 638 |
| 29-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 161,852 | 161,852 |
| 30-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.39 | ord | 95 | 95 |
| 30-Dec-14 | BlackRock Fund Advisors | on mkt buy | 5.44 | ord | 3,320 | 3,320 |
| 30-Dec-14 | BlackRock Fund Advisors | in specie | n/a | ord | 5,706 | 5,706 |
| 30-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.39 | ord | 335 | 335 |
| 30-Dec-14 | BlackRock Advisors (UK) Limited | on mkt buy | 5.39 | ord | 67 | 67 |
| 30-Dec-14 | BlackRock Investment Management, LLC | on mkt sell | 5.37 | ord | -5,675 | -5,675 |
| 30-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -383,955 | -383,955 |
| 31-Dec-14 | BlackRock Investment Management (UK) Ltd | on mkt sell | 5.37 | ord | -3,551 | -3,551 |
| 31-Dec-14 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -11,237 | -11,237 |
| 02-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -13,314 | -13,314 |
| 02-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,804 | -3,804 |
| 02-Jan-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -69,001 | -69,001 |
| 05-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,608 | -7,608 |
| 05-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.40 | ord | 68 | 68 |
| 05-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.40 | ord | 136 | 136 |
| 05-Jan-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.40 | ord | 11,812 | 11,812 |
| 05-Jan-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.40 | ord | 1,707 | 1,707 |
| 06-Jan-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.16 | ord | 32,811 | 32,811 |
| 06-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -10,449 | -10,449 |
| 06-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,608 | -7,608 |
| 06-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.16 | ord | 6,383 | 6,383 |
| 06-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | 8,175 | 8,175 |
| 06-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,950 | -3,950 |
| 07-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,580 | -1,580 |
| 08-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 134 | 134 |
| 08-Jan-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 60,932 | 60,932 |

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|----------------|---|--|------|---|---------|-------------------------|
| 08-Jan-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.00 | ord | 3,583 | 3,583 |
| 09-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -2,370 | -2,370 |
| 09-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,804 | -3,804 |
| 09-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.17 | ord | 1,028 | 1,028 |
| 09-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,449 | 1,449 |
| 09-Jan-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 112,791 | 112,791 |
| 12-Jan-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.04 | ord | -18,354 | -18,354 |
| 12-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -2,765 | -2,765 |
| 12-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.04 | ord | 2,271 | 2,271 |
| 13-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -2,765 | -2,765 |
| 13-Jan-15 | BlackRock Japan Co., Ltd. | on mkt sell | 5.01 | ord | -4,471 | -4,471 |
| 13-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.01 | ord | 98 | 98 |
| 13-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.00 | ord | 30,592 | 30,592 |
| 13-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.97 | ord | 158,986 | 158,986 |
| 13-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,059 | 3,059 |
| 14-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.86 | ord | 665 | 665 |
| 14-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -5,530 | -5,530 |
| 14-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.86 | ord | 134 | 134 |
| 14-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.86 | ord | 1,477 | 1,477 |
| 14-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.86 | ord | 47,838 | 47,838 |
| 14-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.86 | ord | 170,000 | 170,000 |
| 14-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.87 | ord | 325,871 | 325,871 |
| 15-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,160 | -3,160 |
| 15-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.70 | ord | 67 | 67 |
| 15-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.69 | ord | 152,247 | 152,247 |
| 15-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.67 | ord | 194,763 | 194,763 |
| 16-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.84 | ord | 10,434 | 10,434 |
| 16-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.84 | ord | 268 | 268 |
| 16-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.55 | ord | 5,699 | 5,699 |
| 16-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.56 | ord | 30,000 | 30,000 |
| 16-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.84 | ord | 79,071 | 79,071 |
| 16-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.83 | ord | 234,832 | 234,832 |
| 16-Jan-15 | BlackRock Fund Advisors | on mkt buy | 4.59 | ord | 528 | 528 |
| 16-Jan-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -94,056 | -94,056 |
| 19-Jan-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.18 | ord | -36,708 | -36,708 |
| 20-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -4,692 | -4,692 |
| 20-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.99 | ord | 136 | 136 |
| 20-Jan-15 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -6,807 | -6,807 |
| 21-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,185 | -1,185 |
| 21-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.11 | ord | 98 | 98 |
| 21-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -5,135 | -5,135 |
| 21-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | 644 | 644 |
| 23-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.87 | ord | 272 | 272 |
| 23-Jan-15 | BlackRock Asset Management Canada Limited | on mkt sell | 4.87 | ord | -1,268 | -1,268 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|---------|
| 23-Jan-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 56,389 | 56,389 |
| 27-Jan-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.00 | ord | -475 | -475 |
| 27-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.00 | ord | 748 | 748 |
| 27-Jan-15 | BlackRock Japan Co., Ltd. | on mkt sell | 4.87 | ord | -1,097 | -1,097 |
| 28-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -5,530 | -5,530 |
| 28-Jan-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.20 | ord | 14,807 | 14,807 |
| 29-Jan-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.06 | ord | -665 | -665 |
| 29-Jan-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.06 | ord | -12,645 | -12,645 |
| 29-Jan-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -3,338 | -3,338 |
| 29-Jan-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.06 | ord | 98 | 98 |
| 29-Jan-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.06 | ord | 11,027 | 11,027 |
| 30-Jan-15 | BlackRock Advisors (UK) Limited | on mkt sell | 4.90 | ord | -380 | -380 |
| 30-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,038 | -7,038 |
| 30-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,706 | 5,706 |
| 30-Jan-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 4.90 | ord | -21,780 | -21,780 |
| 30-Jan-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 4.90 | ord | 25,126 | 25,126 |
| 30-Jan-15 | BlackRock Asset Management Canada Limited | on mkt sell | 4.90 | ord | -2,383 | -2,383 |
| 30-Jan-15 | BlackRock Fund Advisors | in specie | n/a | ord | 8,970 | 8,970 |
| 02-Feb-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 4.98 | ord | 3,951 | 3,951 |
| 02-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,519 | -3,519 |
| 02-Feb-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.98 | ord | 1,028 | 1,028 |
| 03-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,038 | -7,038 |
| 03-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -14,076 | -14,076 |
| 03-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.13 | ord | 136 | 136 |
| 03-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 390 | 390 |
| 04-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.39 | ord | 18,355 | 18,355 |
| 04-Feb-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -1,232 | -1,232 |
| 04-Feb-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.45 | ord | 9,818 | 9,818 |
| 04-Feb-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.45 | ord | 16,733 | 16,733 |
| 04-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.45 | ord | 757 | 757 |
| 05-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 25,008 | 25,008 |
| 05-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -411 | -411 |
| 05-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.64 | ord | -1,514 | -1,514 |
| 05-Feb-15 | BlackRock Asset Management Canada Limited | on mkt sell | 5.64 | ord | -1,509 | -1,509 |
| 05-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.64 | ord | 758 | 758 |
| 06-Feb-15 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -2,271 | -2,271 |
| 06-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.64 | ord | 196 | 196 |
| 09-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 22,924 | 22,924 |
| 09-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,898 | 2,898 |
| 10-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.67 | ord | -1,087 | -1,087 |
| 10-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -2,765 | -2,765 |
| 10-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -411 | -411 |
| 10-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.67 | ord | 201 | 201 |
| 10-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 10,420 | 10,420 |
| 11-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 50,016 | 50,016 |
| 12-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.66 | ord | -18,357 | -18,357 |
| 12-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.66 | ord | -6,522 | -6,522 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|---------|
| 12-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,483 | 3,483 |
| 12-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 7,608 | 7,608 |
| 12-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.66 | ord | -1,499 | -1,499 |
| 12-Feb-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.66 | ord | 1,542 | 1,542 |
| 12-Feb-15 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.66 | ord | -7,390 | -7,390 |
| 12-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.66 | ord | 758 | 758 |
| 13-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 16,672 | 16,672 |
| 13-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.75 | ord | 201 | 201 |
| 13-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.75 | ord | 134 | 134 |
| 13-Feb-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 6,064 | 6,064 |
| 13-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.75 | ord | 2,271 | 2,271 |
| 13-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 18,756 | 18,756 |
| 17-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.07 | ord | -665 | -665 |
| 17-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 12,504 | 12,504 |
| 17-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.07 | ord | 201 | 201 |
| 17-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.07 | ord | 603 | 603 |
| 17-Feb-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 6.07 | ord | 8,163 | 8,163 |
| 17-Feb-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 56,880 | 56,880 |
| 18-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 10,420 | 10,420 |
| 18-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.10 | ord | 201 | 201 |
| 18-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.10 | ord | -636 | -636 |
| 18-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 972 | 972 |
| 18-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 644 | 644 |
| 18-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,737 | 2,737 |
| 20-Feb-15 | BlackRock Asset Management Canada Limited | on mkt sell | 6.00 | ord | -1,218 | -1,218 |
| 20-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 11,730 | 11,730 |
| 20-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 9,510 | 9,510 |
| 23-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.96 | ord | -2,185 | -2,185 |
| 23-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.96 | ord | 134 | 134 |
| 23-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.96 | ord | 469 | 469 |
| 23-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.96 | ord | -294 | -294 |
| 24-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,483 | 3,483 |
| 24-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 9,510 | 9,510 |
| 24-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.89 | ord | 134 | 134 |
| 24-Feb-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -4,484 | -4,484 |
| 24-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.89 | ord | 3,036 | 3,036 |
| 24-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 540 | 540 |
| 25-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.00 | ord | -10,166 | -10,166 |
| 25-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.00 | ord | 268 | 268 |
| 25-Feb-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 10,786 | 10,786 |
| 25-Feb-15 | BlackRock Japan Co., Ltd. | on mkt sell | 5.99 | ord | -897 | -897 |
| 25-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 30,268 | 30,268 |
| 26-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,580 | -1,580 |
| 26-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 25,008 | 25,008 |
| 26-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.72 | ord | 2,280 | 2,280 |
| 26-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.72 | ord | 1,520 | 1,520 |
| 26-Feb-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,347 | 4,347 |
| 27-Feb-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.71 | ord | 9,777 | 9,777 |
| 27-Feb-15 | BlackRock Investment Management, LLC | on mkt buy | 5.71 | ord | 7,604 | 7,604 |
| 27-Feb-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.71 | ord | -285 | -285 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 27-Feb-15 | BlackRock Fund Advisors | on mkt buy | 5.53 | ord | 107,468 | 107,468 |
| 27-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.71 | ord | 67 | 67 |
| 27-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.71 | ord | 201 | 201 |
| 27-Feb-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.71 | ord | 621 | 621 |
| 27-Feb-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.71 | ord | 3,810 | 3,810 |
| 27-Feb-15 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.71 | ord | -5,002 | -5,002 |
| 02-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.77 | ord | -855 | -855 |
| 02-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 14,076 | 14,076 |
| 02-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 14,588 | 14,588 |
| 02-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.77 | ord | 544 | 544 |
| 02-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.77 | ord | 762 | 762 |
| 02-Mar-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.77 | ord | 1,028 | 1,028 |
| 02-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,898 | 2,898 |
| 02-Mar-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -127,626 | -127,626 |
| 03-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 8,336 | 8,336 |
| 03-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,706 | 5,706 |
| 03-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.84 | ord | 340 | 340 |
| 03-Mar-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.84 | ord | 213,529 | 213,529 |
| 03-Mar-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.84 | ord | -25,730 | -25,730 |
| 03-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.84 | ord | 762 | 762 |
| 03-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.84 | ord | 762 | 762 |
| 03-Mar-15 | BlackRock Investment Management (Australia) Limited | on mkt sell | 5.83 | ord | -8,644 | -8,644 |
| 04-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.90 | ord | 3,258 | 3,258 |
| 04-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 16,672 | 16,672 |
| 04-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.90 | ord | 68 | 68 |
| 04-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.90 | ord | 136 | 136 |
| 04-Mar-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.94 | ord | 36,471 | 36,471 |
| 04-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.90 | ord | 4,454 | 4,454 |
| 04-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.90 | ord | 1,524 | 1,524 |
| 04-Mar-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 5.90 | ord | -15,162 | -15,162 |
| 05-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.92 | ord | -760 | -760 |
| 05-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,788 | -1,788 |
| 05-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 10,420 | 10,420 |
| 05-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.92 | ord | 2,325 | 2,325 |
| 06-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.77 | ord | -380 | -380 |
| 06-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -2,980 | -2,980 |
| 06-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,788 | -1,788 |
| 06-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 09-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 12,504 | 12,504 |
| 09-Mar-15 | BlackRock Asset Management Canada Limited | on mkt buy | 5.63 | ord | 1,602 | 1,602 |
| 09-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 14,076 | 14,076 |
| 09-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,288 | 1,288 |
| 10-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.43 | ord | 11,004 | 11,004 |
| 10-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.43 | ord | -760 | -760 |
| 10-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.43 | ord | -380 | -380 |
| 10-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 10-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 540 | 540 |
| 11-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 11-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 16,672 | 16,672 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 11-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.21 | ord | 777 | 777 |
| 11-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.21 | ord | -392 | -392 |
| 12-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.21 | ord | 2,172 | 2,172 |
| 12-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 12-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,346 | 2,346 |
| 12-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 8,336 | 8,336 |
| 13-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.27 | ord | -855 | -855 |
| 13-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.27 | ord | 476 | 476 |
| 13-Mar-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.27 | ord | 1,028 | 1,028 |
| 16-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.34 | ord | 198 | 198 |
| 16-Mar-15 | BlackRock Japan Co., Ltd. | on mkt sell | 5.34 | ord | -3,016 | -3,016 |
| 17-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.34 | ord | 18,359 | 18,359 |
| 17-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.34 | ord | -1,235 | -1,235 |
| 17-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 17-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.34 | ord | 884 | 884 |
| 18-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt sell | 5.01 | ord | -306,292 | -306,292 |
| 18-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.01 | ord | 84,410 | 84,410 |
| 18-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 18-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 16,422 | 16,422 |
| 18-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.11 | ord | -34,644 | -34,644 |
| 18-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,898 | 2,898 |
| 18-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -5,706 | -5,706 |
| 19-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.09 | ord | 75,934 | 75,934 |
| 19-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.17 | ord | 6,528 | 6,528 |
| 19-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.11 | ord | -207,469 | -207,469 |
| 20-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.17 | ord | 316,219 | 316,219 |
| 20-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.19 | ord | 527,135 | 527,135 |
| 20-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.17 | ord | -475 | -475 |
| 20-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.17 | ord | -836,745 | -836,745 |
| 20-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.17 | ord | -3,116 | -3,116 |
| 20-Mar-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.17 | ord | 22,054 | 22,054 |
| 20-Mar-15 | BlackRock Investment Management, LLC | on mkt buy | 5.17 | ord | 8,655 | 8,655 |
| 20-Mar-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.17 | ord | 5,216 | 5,216 |
| 20-Mar-15 | BlackRock Fund Advisors | on mkt buy | 5.17 | ord | 81,764 | 81,764 |
| 20-Mar-15 | BlackRock Asset Management Canada Limited | on mkt sell | 5.17 | ord | -12,843 | -12,843 |
| 20-Mar-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.17 | ord | 13,040 | 13,040 |
| 20-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,902 | 1,902 |
| 23-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.09 | ord | -56,827 | -56,827 |
| 23-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.02 | ord | 1,086 | 1,086 |
| 23-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.02 | ord | -164,282 | -164,282 |
| 23-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 21,720 | 21,720 |
| 23-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.15 | ord | -2,916 | -2,916 |
| 23-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,902 | -1,902 |
| 24-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt sell | 5.02 | ord | -12,629 | -12,629 |
| 24-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.05 | ord | 22,778 | 22,778 |
| 24-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.02 | ord | 380 | 380 |
| 24-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.03 | ord | -143,939 | -143,939 |
| 24-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,910 | 2,910 |
| 24-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.02 | ord | 99 | 99 |
| 24-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,737 | 2,737 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 25-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.03 | ord | 27,128 | 27,128 |
| 25-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.13 | ord | 33,947 | 33,947 |
| 25-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.03 | ord | 5,440 | 5,440 |
| 25-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.03 | ord | -1,012 | -1,012 |
| 25-Mar-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.03 | ord | -3,831 | -3,831 |
| 25-Mar-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.03 | ord | -2,490 | -2,490 |
| 25-Mar-15 | BlackRock Japan Co., Ltd. | in specie | n/a | ord | -41,954 | -41,954 |
| 26-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.04 | ord | 1,092 | 1,092 |
| 26-Mar-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.05 | ord | -1,140 | -1,140 |
| 26-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.00 | ord | -212,883 | -212,883 |
| 26-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 38,064 | 38,064 |
| 26-Mar-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 2,226 | 2,226 |
| 27-Mar-15 | BlackRock Fund Advisors | on mkt sell | 5.10 | ord | -7,872 | -7,872 |
| 27-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,844 | 5,844 |
| 27-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,560 | 1,560 |
| 27-Mar-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 33,678 | 33,678 |
| 30-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 4.95 | ord | 4,165 | 4,165 |
| 30-Mar-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 4.95 | ord | 27,412 | 27,412 |
| 30-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -1,902 | -1,902 |
| 30-Mar-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 4.95 | ord | -218,000 | -218,000 |
| 30-Mar-15 | BlackRock Fund Advisors | on mkt buy | 4.90 | ord | 572 | 572 |
| 31-Mar-15 | BlackRock Fund Advisors | in specie | n/a | ord | -4,692 | -4,692 |
| 31-Mar-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -8,489 | -8,489 |
| 31-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.98 | ord | 990 | 990 |
| 31-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.96 | ord | 99 | 99 |
| 31-Mar-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.96 | ord | 110 | 110 |
| 31-Mar-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.96 | ord | 1,028 | 1,028 |
| 31-Mar-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 4.96 | ord | 5,746 | 5,746 |
| 31-Mar-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 8,489 | 8,489 |
| 31-Mar-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 4.96 | ord | 4,831 | 4,831 |
| 31-Mar-15 | BlackRock Fund Advisors | on mkt buy | 5.01 | ord | 4,268 | 4,268 |
| 01-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,152 | -7,152 |
| 01-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -2,384 | -2,384 |
| 01-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.89 | ord | 113 | 113 |
| 01-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,127 | 1,127 |
| 01-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,898 | 2,898 |
| 02-Apr-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 4.83 | ord | -5,278 | -5,278 |
| 06-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 14,076 | 14,076 |
| 06-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 11,688 | 11,688 |
| 07-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -5,706 | -5,706 |
| 07-Apr-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 5.04 | ord | -140,000 | -140,000 |
| 07-Apr-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.09 | ord | 1,542 | 1,542 |
| 07-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.96 | ord | 4,400 | 4,400 |
| 07-Apr-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 4.96 | ord | 31,424 | 31,424 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 07-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,804 | -3,804 |
| 07-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,737 | 2,737 |
| 08-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.20 | ord | 1,090 | 1,090 |
| 08-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.19 | ord | 4,360 | 4,360 |
| 08-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.19 | ord | -855 | -855 |
| 08-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.19 | ord | 777 | 777 |
| 08-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.19 | ord | 738 | 738 |
| 09-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,576 | 3,576 |
| 09-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.99 | ord | 204 | 204 |
| 09-Apr-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 4,716 | 4,716 |
| 09-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.99 | ord | 196 | 196 |
| 09-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,560 | 1,560 |
| 09-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 7,608 | 7,608 |
| 10-Apr-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 4.93 | ord | 15,454 | 15,454 |
| 10-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.93 | ord | 16,104 | 16,104 |
| 10-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.91 | ord | 1,088 | 1,088 |
| 10-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.93 | ord | 2,316 | 2,316 |
| 10-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.91 | ord | 776 | 776 |
| 10-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -274 | -274 |
| 13-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,483 | -3,483 |
| 13-Apr-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 4.96 | ord | 13,017 | 13,017 |
| 14-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.85 | ord | 5,281 | 5,281 |
| 14-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.85 | ord | 272 | 272 |
| 14-Apr-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 31,440 | 31,440 |
| 14-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.84 | ord | 2,648 | 2,648 |
| 14-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.87 | ord | 777 | 777 |
| 15-Apr-15 | BlackRock Asset Management Deutschland AG | on mkt sell | 4.92 | ord | -27,484 | -27,484 |
| 15-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,768 | 4,768 |
| 15-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.83 | ord | 550 | 550 |
| 15-Apr-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 108,478 | 108,478 |
| 16-Apr-15 | BlackRock Asset Management Deutschland AG | on mkt sell | 4.68 | ord | -27,442 | -27,442 |
| 16-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 596 | 596 |
| 16-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.68 | ord | 204 | 204 |
| 16-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 4.68 | ord | -3,088 | -3,088 |
| 17-Apr-15 | BlackRock (Netherlands) B.V. | on mkt buy | 4.67 | ord | 9,341 | 9,341 |
| 17-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.70 | ord | 1,086 | 1,086 |
| 17-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 4.67 | ord | -950 | -950 |
| 17-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -10,241 | -10,241 |
| 17-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.70 | ord | 5,272 | 5,272 |
| 17-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 4.67 | ord | -1,544 | -1,544 |
| 17-Apr-15 | BlackRock Fund Advisors | on mkt sell | 4.72 | ord | -28,996 | -28,996 |
| 17-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -19,481 | -19,481 |
| 17-Apr-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -13,457 | -13,457 |
| 20-Apr-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 4.48 | ord | 33,054 | 33,054 |
| 20-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.48 | ord | 2,757 | 2,757 |
| 20-Apr-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -134,072 | -134,072 |
| 21-Apr-15 | BlackRock Asset Management Deutschland AG | on mkt sell | 4.54 | ord | -1,892 | -1,892 |
| 22-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,960 | 5,960 |
| 22-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 4.56 | ord | -2,316 | -2,316 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|----------|-------------------------|
| 22-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.56 | ord | 196 | 196 |
| 22-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.56 | ord | 98 | 98 |
| 22-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,025 | 4,025 |
| 22-Apr-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | 15,887 | 15,887 |
| 24-Apr-15 | BlackRock Investment Management, LLC | on mkt sell | 4.66 | ord | -10,236 | -10,236 |
| 24-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.65 | ord | 53,895 | 53,895 |
| 27-Apr-15 | BlackRock Fund Advisors | on mkt buy | 4.85 | ord | 53,894 | 53,894 |
| 27-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.86 | ord | 272 | 272 |
| 27-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 4.86 | ord | 772 | 772 |
| 27-Apr-15 | BlackRock Investment Management (Australia) Limited | on mkt sell | 4.86 | ord | -22,036 | -22,036 |
| 28-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.02 | ord | 204 | 204 |
| 28-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.02 | ord | 777 | 777 |
| 29-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,483 | -3,483 |
| 29-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.11 | ord | -121,976 | -121,976 |
| 30-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.27 | ord | -855 | -855 |
| 30-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 4,692 | 4,692 |
| 30-Apr-15 | BlackRock Fund Advisors | on mkt buy | 5.10 | ord | 7,887 | 7,887 |
| 30-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.27 | ord | 136 | 136 |
| 30-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.27 | ord | 272 | 272 |
| 30-Apr-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 5.27 | ord | -70,000 | -70,000 |
| 30-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.27 | ord | -3,092 | -3,092 |
| 30-Apr-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.27 | ord | -2,319 | -2,319 |
| 30-Apr-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,152 | 5,152 |
| 30-Apr-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.27 | ord | 1,556 | 1,556 |
| 30-Apr-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 5.27 | ord | 5,943 | 5,943 |
| 01-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.54 | ord | -68,221 | -68,221 |
| 01-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.54 | ord | -3,317 | -3,317 |
| 01-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.63 | ord | -1,544 | -1,544 |
| 01-May-15 | BlackRock Asset Management Canada Limited | on mkt sell | 5.54 | ord | -3,374 | -3,374 |
| 01-May-15 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -83,710 | -83,710 |
| 04-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,384 | 2,384 |
| 05-May-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.41 | ord | 54,796 | 54,796 |
| 05-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,519 | 3,519 |
| 05-May-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -12,445 | -12,445 |
| 06-May-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.31 | ord | 54,976 | 54,976 |
| 06-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.31 | ord | -1,086 | -1,086 |
| 06-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.31 | ord | -1,995 | -1,995 |
| 06-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.31 | ord | 1,020 | 1,020 |
| 06-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.33 | ord | -1,544 | -1,544 |
| 06-May-15 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -23,160 | -23,160 |
| 06-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.31 | ord | 780 | 780 |
| 06-May-15 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | -1,471 | -1,471 |
| 06-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,152 | -7,152 |
| 07-May-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 5.38 | ord | 10,960 | 10,960 |
| 07-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.38 | ord | -665 | -665 |
| 07-May-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.38 | ord | 10,970 | 10,970 |
| 07-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,384 | 2,384 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 08-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,832 | -3,832 |
| 08-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 1,546 | 1,546 |
| 08-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.46 | ord | 1,471 | 1,471 |
| 11-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.54 | ord | -2,172 | -2,172 |
| 11-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,832 | -3,832 |
| 11-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 13,412 | 13,412 |
| 11-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.56 | ord | 204 | 204 |
| 11-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.54 | ord | 816 | 816 |
| 11-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.54 | ord | -2,319 | -2,319 |
| 11-May-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 5.54 | ord | 11,018 | 11,018 |
| 11-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 322 | 322 |
| 11-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,220 | 3,220 |
| 11-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.54 | ord | -2,958 | -2,958 |
| 11-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -13,932 | -13,932 |
| 12-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.66 | ord | 3,246 | 3,246 |
| 12-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 5.66 | ord | 204 | 204 |
| 12-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 5.66 | ord | -26,651 | -26,651 |
| 12-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.66 | ord | -2,307 | -2,307 |
| 12-May-15 | BlackRock Fund Advisors | on mkt sell | 5.66 | ord | -5,760 | -5,760 |
| 13-May-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 5.93 | ord | 21,294 | 21,294 |
| 13-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 5.93 | ord | -1,540 | -1,540 |
| 14-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 9,042 | 9,042 |
| 14-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.36 | ord | -13,697 | -13,697 |
| 14-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.17 | ord | -54,839 | -54,839 |
| 14-May-15 | BlackRock Fund Advisors | on mkt buy | 5.79 | ord | 19,000 | 19,000 |
| 14-May-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 6.36 | ord | 35,022 | 35,022 |
| 14-May-15 | BlackRock Investment Management (Australia) Limited | on mkt buy | 6.36 | ord | 101,116 | 101,116 |
| 15-May-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 6.09 | ord | 13,901 | 13,901 |
| 15-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 2,384 | 2,384 |
| 15-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 15,249 | 15,249 |
| 15-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 15,070 | 15,070 |
| 15-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.04 | ord | -5,600 | -5,600 |
| 18-May-15 | BlackRock Asset Management Deutschland AG | on mkt buy | 6.21 | ord | 3,484 | 3,484 |
| 18-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.21 | ord | 1,087 | 1,087 |
| 18-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 6,028 | 6,028 |
| 18-May-15 | BlackRock Fund Advisors | on mkt sell | 6.21 | ord | -5,560 | -5,560 |
| 18-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.21 | ord | 204 | 204 |
| 19-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -45,210 | -45,210 |
| 20-May-15 | BlackRock Investment Management (Australia) Limited | in specie | n/a | ord | -157,812 | -157,812 |
| 21-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.17 | ord | 204 | 204 |
| 21-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.17 | ord | 782 | 782 |
| 21-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 1,788 | 1,788 |
| 21-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 9,505 | 9,505 |
| 22-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 15,249 | 15,249 |
| 22-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -274 | -274 |
| 22-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.25 | ord | -33,595 | -33,595 |
| 22-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,220 | 3,220 |
| 22-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.25 | ord | -3,847 | -3,847 |
| 26-May-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 87,999 | 87,999 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|----------------|---|--|------|---|-------------------------|----------|
| 27-May-15 | BlackRock Advisors, LLC | on mkt buy | 6.42 | ord | 22,159 | 22,159 |
| 27-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.43 | ord | -27,868 | -27,868 |
| 27-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.50 | ord | 1,049 | 1,049 |
| 27-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.43 | ord | -665 | -665 |
| 27-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 3,519 | 3,519 |
| 27-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -18,084 | -18,084 |
| 27-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -7,535 | -7,535 |
| 27-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -3,453 | -3,453 |
| 27-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.43 | ord | 476 | 476 |
| 27-May-15 | BlackRock Institutional Trust Company, National Association | in specie | n/a | ord | -1,826 | -1,826 |
| 27-May-15 | BlackRock Financial Management, Inc. | on mkt sell | 6.41 | ord | -220,802 | -220,802 |
| 27-May-15 | BlackRock Advisors (UK) Limited | in specie | n/a | ord | 1,826 | 1,826 |
| 27-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | 5,865 | 5,865 |
| 27-May-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 10 | 10 |
| 28-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.04 | ord | -380 | -380 |
| 28-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -6,028 | -6,028 |
| 28-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.04 | ord | -10,373 | -10,373 |
| 28-May-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | -15 | -15 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -50,408 | -50,408 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -50,939 | -50,939 |
| 29-May-15 | BlackRock Advisors, LLC | on mkt sell | 6.12 | ord | -92,006 | -92,006 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -62,291 | -62,291 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -24,179 | -24,179 |
| 29-May-15 | BlackRock International Limited | on mkt sell | 6.12 | ord | -161,443 | -161,443 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -11,705 | -11,705 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -4,544 | -4,544 |
| 29-May-15 | BlackRock (Netherlands) B.V. | on mkt sell | 6.12 | ord | -14,386 | -14,386 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -4,951 | -4,951 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -578,154 | -578,154 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -2,279 | -2,279 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -885 | -885 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -14,896 | -14,896 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -5,782 | -5,782 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -17,432 | -17,432 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -8,374 | -8,374 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -21,573 | -21,573 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -22,773 | -22,773 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -122,428 | -122,428 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -86,798 | -86,798 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -89,493 | -89,493 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | | Person's votes affected |
|----------------|---|--|------|---|------------|-------------------------|
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -230,559 | -230,559 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -1,303,862 | -1,303,862 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -506,103 | -506,103 |
| 29-May-15 | BlackRock Fund Advisors | on mkt buy | 6.12 | ord | 904,960 | 904,960 |
| 29-May-15 | BlackRock Fund Advisors | in specie | n/a | ord | -6,028 | -6,028 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -3,271 | -3,271 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -1,269 | -1,269 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -184,415 | -184,415 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -475,108 | -475,108 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -499,963 | -499,963 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -194,063 | -194,063 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -32,699 | -32,699 |
| 29-May-15 | BlackRock Asset Management Canada Limited | on mkt sell | 6.12 | ord | -104,685 | -104,685 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -26,030 | -26,030 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -902 | -902 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -105,227 | -105,227 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -490 | -490 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -57,138 | -57,138 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -18,725 | -18,725 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -315 | -315 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -36,642 | -36,642 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -55,555 | -55,555 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 6.08 | ord | 150,000 | 150,000 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -93,383 | -93,383 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -240,583 | -240,583 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -103,568 | -103,568 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -40,200 | -40,200 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -9,868 | -9,868 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -25,424 | -25,424 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 6.12 | ord | 443,767 | 443,767 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -122,044 | -122,044 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -314,422 | -314,422 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -155,980 | -155,980 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -401,850 | -401,850 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 6.12 | ord | 1,057,803 | 1,057,803 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 6.12 | ord | 140,561 | 140,561 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -278,209 | -278,209 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -716,746 | -716,746 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 6.12 | ord | 195,227 | 195,227 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -12,332 | -12,332 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|-----------------------|---|---|------|--|--------------------------------|----------|
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -31,772 | -31,772 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -9,033 | -9,033 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -200,142 | -200,142 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -12,144 | -12,144 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -31,287 | -31,287 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -758 | -758 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -2,739 | -2,739 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -310,748 | -310,748 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -5,227 | -5,227 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -870 | -870 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -816 | -816 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -4,630 | -4,630 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -20,201 | -20,201 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -52,042 | -52,042 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -223,190 | -223,190 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -86,633 | -86,633 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -94,602 | -94,602 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -2,193 | -2,193 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -851 | -851 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -123,814 | -123,814 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -318,982 | -318,982 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -19,717 | -19,717 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -7,653 | -7,653 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -6,637 | -6,637 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -817 | -817 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -95,328 | -95,328 |
| 29-May-15 | BlackRock (Netherlands) B.V. | on mkt sell | 6.12 | ord | -58,420 | -58,420 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -95,907 | -95,907 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -37,227 | -37,227 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -8,469 | -8,469 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -2,289 | -2,289 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -4,295 | -4,295 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -1,667 | -1,667 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -26,473 | -26,473 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -3,527 | -3,527 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -36,654 | -36,654 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -1,502 | -1,502 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -3,870 | -3,870 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|-----------------------|---|---|------|--|--------------------------------|----------|
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -38,968 | -38,968 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -100,385 | -100,385 |
| 29-May-15 | BlackRock Fund Advisors | on mkt sell | 6.12 | ord | -7,944 | -7,944 |
| 29-May-15 | BlackRock Fund Advisors | on mkt buy | 6.12 | ord | 9,142 | 9,142 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -32,893 | -32,893 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -84,742 | -84,742 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -2,017 | -2,017 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -5,196 | -5,196 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -5,539 | -5,539 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -14,271 | -14,271 |
| 29-May-15 | BlackRock International Limited | on mkt sell | 6.12 | ord | -49,826 | -49,826 |
| 29-May-15 | BlackRock International Limited | on mkt sell | 6.12 | ord | -428 | -428 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -449 | -449 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -52,326 | -52,326 |
| 29-May-15 | BlackRock Investment Management (Australia) Limited | on mkt sell | 6.12 | ord | -32,549 | -32,549 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -15,715 | -15,715 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -136 | -136 |
| 29-May-15 | BlackRock Investment Management, LLC | on mkt sell | 6.12 | ord | -9,879 | -9,879 |
| 29-May-15 | BlackRock Asset Management Canada Limited | on mkt buy | 6.12 | ord | 1,561 | 1,561 |
| 29-May-15 | BlackRock Asset Management Canada Limited | on mkt sell | 6.12 | ord | -16,544 | -16,544 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -36,649 | -36,649 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -15,370 | -15,370 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 6.12 | ord | 10,183 | 10,183 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt sell | 6.12 | ord | -17,441 | -17,441 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -209 | -209 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -24,311 | -24,311 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -6,389 | -6,389 |
| 29-May-15 | BlackRock Investment Management (UK) Ltd | on mkt buy | 6.12 | ord | 13,136 | 13,136 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -801,156 | -801,156 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -310,973 | -310,973 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -8,472 | -8,472 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -2,152 | -2,152 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -5,545 | -5,545 |
| 29-May-15 | BlackRock Asset Management Canada Limited | on mkt sell | 6.12 | ord | -7,651 | -7,651 |
| 29-May-15 | BlackRock Japan Co., Ltd. | on mkt sell | 6.12 | ord | -929 | -929 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.12 | ord | 37,091 | 37,091 |

| Date of Change | Person whose relevant interest changed | Nature of change (4) / Consideration given in relation to change (5) | | Class (6) and number of securities affected | Person's votes affected | |
|-----------------------|---|---|------|--|--------------------------------|-----------|
| 29-May-15 | BlackRock Fund Advisors | on mkt buy | 6.12 | ord | 2,291 | 2,291 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt buy | 6.12 | ord | 2,001 | 2,001 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt buy | 6.12 | ord | 11,993 | 11,993 |
| 29-May-15 | BlackRock Institutional Trust Company, National Association | on mkt sell | 6.12 | ord | -77,686 | -77,686 |
| 29-May-15 | BlackRock Advisors (UK) Limited | on mkt sell | 6.12 | ord | -228 | -228 |
| 29-May-15 | BlackRock Asset Management North Asia Limited | collateral transfer | n/a | ord | 1,207,529 | 1,207,529 |

Annexure B

This is Annexure B of 1 page referred to in form 605 Notice of ceasing to be a substantial shareholder

02-Jun-15
Date
Kayla McGrory,
Authorised Signatory

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 Advisors (UK) Ltd. | 12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom |
| BlackRock Advisors, LLC | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Asset Management Canada Limited | 161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada |
| BlackRock Asset Management Deutschland AG | Max-Joseph-Straße 6 D-80333 Munich, Germany |
| BlackRock Asset Management North Asia Limited | 16/F, Cheung Kong Center No. 2 Queen's Road Central Hong Kong |
| BlackRock Financial Management, Inc. | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Fund Advisors | 400 Howard Street San Francisco, CA, 94105 United States |
| BlackRock Institutional Trust Company, National Association | 1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA) |
| BlackRock International Ltd. | Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom) |
| BlackRock Investment Management (Aust) Ltd (ACN 006 165 975) | Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia) |
| BlackRock Investment Management (UK) Ltd | 12 Throgmorton Avenue London EC2N 2DL United Kingdom |
| BlackRock Investment Management, LLC | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Japan Co. Ltd. | Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan) |

This is Annexure C of 1 page referred to in form 605 Notice of ceasing to be a substantial shareholder

Kayla McGrory, Authorised Signatory
Date 02-Jun-15

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

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