

Transparency notification Form TR-1 BE PART I

| es or voting rights | + |
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| | |
| erson | + |
| | |
| Address (for legal entities) | |
| 55 East 52nd Street, New York, NY, 10055, U.S.A. | - |
| Rembrandt Tower, 17th floor, Amstelplein, Amsterdam, Netherlands | |
| 20 Anson Road #18-01, Singapore, 79912, Singapore | - |
| 12 Throgmorton Avenue, London, EC2N 2DL, U.K. | - |
| 100 Bellevue Parkway, Wilmington, DE, 19809, U.S.A. | - |
| Limited 161 Bay Street, Suite 2500, Toronto, Ontario, M5J 2S1, Canada | - |
| | - |
| sla Limited 15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong | |
| 100 Bellevue Parkway, Wilmington, 19809, U.S.A. | - |
| 55 East 52nd Street, New York, NY, 10055, U.S.A. | • |
| 400 Howard Street, San Francisco, CA, 94105, U.S.A. | - |
| National 400 Howard Street, San Francisco, CA, 94105, U.S.A. | - |
| Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, U.K. | • |
| ustralia) Limited Level 37, Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia | • |
| K) Limited 12 Throgmorton Avenue, London, EC2N 2DL, U.K. | - |
| LC 1 University Square Drive, Princeton, NJ, 8540, U.S.A. | + |
| 1-8-3 Marunouchi Chiyoda-ku, Trust Tower Main, Tokyo, 100-8217, Japan | + |
| 7 of the Law applies) | |
| Address (for legal entities) | |
| | + |
| | |
| | |
| 07/12/2018 (DD/MMYYYY) | |
| | |
| 5 | |
| | 55 East 52nd Street, New York, NY, 10055, U.S.A. Rembrandt Tower, 17th floor, Amstelplein, Amsterdam, Netherlands 20 Anson Road #18-01, Singapore, 79912, Singapore 12 Throgmorton Avenue, London, EC2N 2DL, U.K. 100 Believue Parkway, Wilmington, DE, 19809, U.S.A. Limited 161 Bay Street, Sulte 2500, Toronto, Ontario, M5J 251, Canada Max-Joseph-Siraße 6, Munich, 80333, Germany sla Limited 15/F, 16/F, 17/F Citbank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong 100 Believue Parkway, Wilmington, 19809, U.S.A. 55 East 52nd Street, New York, NY, 10055, U.S.A. 400 Howard Street, San Francisco, CA, 94105, U.S.A. Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, U.K. ustralia) Limited Level 37, Chilley Tower, 2 Chilley Square, Sydney NSW 2000 Australia K) Limited 12 Throgmorton Avenue, London, EC2N 2DL, U.K. LC 1 University Square Drive, Princeton, NJ, 8540, U.S.A. 1-8-3 Marunouchi Chlyoda-ku, Trust Tower Main, Tokyo, 100-8217, Japan Address (for legal entities) Address (for legal entities) |

9) Denominator

194,505,658

Please enter the denominator before filling in the data

10) Notified details

| A) Voting rights | Previous notification | | ransaction | | | |
|--|-----------------------|----------------------|------------------------------|----------------------|------------------------------|--|
| | # of voting rights | # of voti | ng rights | % of voting rights | | |
| Holders of voting rights | | Linked to securities | Not linked to the securities | Linked to securities | Not linked to the securities | |
| BlackRock, Inc. | 0 | 0 | | 0.00% | | |
| BlackRock (Netherlands) B.V. | 20,742 | 20,742 | | 0.01% | | |
| BlackRock (Singapore) Limited | 9,219 | 9,219 | | 0.00% | | |
| BlackRock Advisors (UK) Limited | 1,894,881 | 1,925,649 | | 0.99% | | |
| BlackRock Advisors, LLC | 237,505 | 206,656 | | 0.11% | | |
| BlackRock Asset Management Canada Limited | 157,975 | 152,670 | NAV TEN | 0.08% | | |
| BlackRock Asset Management Deutschland AG | 316,633 | 247,333 | | 0.13% | | |
| BlackRock Asset Management North Asia Limited | 997 | 997 | 7.1.318.77 | 0.00% | | |
| BlackRock Capital Management, Inc. | 0 | 164 | | 0,00% | | |
| BlackRock Financial Management, Inc. | 174,295 | 187,857 | | 0.10% | | |
| BlackRock Fund Advisors | 2,457,121 | 2,513,670 | Purt III. | 1.29% | | |
| BlackRock Institutional Trust Company, National Association | 3,324,327 | 3,342,075 | | 1.72% | | |
| BlackRock International Limited | 45,635 | 44,776 | | 0.02% | | |
| BlackRock Investment Management Australia) Limited | 89,697 | 88,446 | | 0.05% | | |
| BlackRock Investment Management UK) Limited | 417,020 | 449,611 | | 0.23% | | |
| BlackRock Investment Management, LC | 320,348 | 368,741 | | 0.19% | | |
| BlackRock Japan Co., Ltd. | 140,474 | 185,559 | | 0.10% | | |
| Subtotal | 9,606,869 | 9,744,165 | | 5.01% | | |
| TOTAL | | 9,744,165 | 0 | 5.01% | 0.00% | |

Start with "groups" of holders. Add subtotals with Σ , and then finish with the persons who are "alone". For groups, start with the ultimate controlling natural person or legal entity.

The totals, subtotals and % will be updated once you have clicked on <CALCULATE>.

| | | - | ř | | | | |
|--|--|---|-------------------------|--|---------------------|------------|-----|
| Holders of equivalent financial instruments | Type of financial instrument | Expiration date | Exercise period or date | # of voting rights that may be acquired if the instrument is exercised | % of voting rights | Settlement | |
| tackRock Advisors (UK) Limited | Securities Lent | | 311-11-11 | 20,979 | 0.01% | physical | - |
| lackRock Investment Management JK) Limited | Securities Lent | | | 36,225 | 0.02% | physical | - |
| lackRock Japan Co., Ltd. | Securities Lent | | | 44,951 | 0.02% | physical | - |
| lackRock Advisors (UK) Limited | Contract for Difference | | | 4,426 | 0.00% | cash | - |
| lackRock Advisors, LLC | Contract for Difference | | | 51,278 | 0.03% | cash | - |
| lackRock Financial Management, Inc. | Contract for Difference | | | 1,883 | 0.00% | cash | - |
| lackRock Institutional Trust Company, lational Association | Contract for Difference | | | 359,115 | 0.18% | cash | |
| BlackRock Investment Management UK) Limited | Contract for Difference | | | 44,999 | 0.02% | cash | - |
| BlackRock Investment Management, LC | Contract for Difference | | | 149,553 | 0.08% | cash | 4 |
| | TOTAL | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 713,409 | 0.37% | | |
| A | The totals will be updated once you have clicked or | n <calculate></calculate> | | | | | |
| | TOTAL (A & B) | | | # of voting rights | % of voting rights | | |
| | | | GALGULATE | 10,457,574 | 5.38% | | |
| 11) Full chain of controlled u | ndertakings through which the holding is Please see the full chain of control in *Chain of Control* | | if applicable | | | | |
| 11) Full chain of controlled u | | | if applicable | | | | |
| 11) Full chain of controlled u | | | if applicable | | | | |
| 11) Full chain of controlled u | | | if applicable | | | | |
| 11) Full chain of controlled u | | | if applicable | | | | |
| | Please see the full chain of control in *Chain of Control* | | if applicable | | | | |
| 11) Full chain of controlled u | Please see the full chain of control in *Chain of Control* | | if applicable | | | | |
| 12) In case of proxy voting fo | Please see the full chain of control in *Chain of Control* r only one GM | ' tab. | | | voting fights as of | (DD/MM/YYY | 77) |
| | Please see the full chain of control in *Chain of Control* r only one GM | | if applicable | | voting rights as of | (DD/MM/YYY | Υ) |
| 12) In case of proxy voting fo | Please see the full chain of control in *Chain of Control* r only one GM | vill cease to hold/ | | | voting rights as of | (DD/MM/YYY | Υ) |
| 12) In case of proxy voting for Holder Holder 13) Additional information | Please see the full chain of control in *Chain of Control* r only one GM | will cease to hold / will hold again | | | voting rights as of | (DD/MM/YYY | Y) |
| Holder 13) Additional information the disclosure obligation arose due to state the state of th | Please see the full chain of control in *Chain of Control* r only one GM | will cease to hold / will hold again | | | voting rights as of | (DD/MM/YYY | 27 |
| 12) In case of proxy voting for Holder Holder 13) Additional information | Please see the full chain of control in *Chain of Control* r only one GM | will cease to hold / will hold again | | | voting rights as of | (DD/MM/YYY | 77 |
| Holder 13) Additional information the disclosure obligation arose due to state the state of th | Please see the full chain of control in *Chain of Control* r only one GM | will cease to hold / will hold again | | | voting rights as of | (DD/MM/YYY | Y) |
| Holder 13) Additional information the disclosure obligation arose due to state the state of th | Please see the full chain of control in *Chain of Control* r only one GM | will cease to hold / will hold again | | | voting rights as of | (DD/MM/YYY | 2) |
| Holder 13) Additional information the disclosure obligation arose due to state the state of th | Please see the full chain of control in *Chain of Control* r only one GM | will cease to hold / will hold again | | | voting rights as of | (DD/MM/YYY | Y) |

10/12/2018 (DD/MM/YYYY)

Done at 12 Throgmorton Avenue, London EC2N 2DL, U.K.

Name & capacity Jana Blumenstein, Director

Signature J. Bleevee eee & de

| ************************************** | | |
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| The second secon | | |

11) Full chain of controlled undertakings through which the holding is effectively held, if applicable

Name

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock (Singapore) Holdco Pte. Ltd.

BlackRock HK Holdco Limited

BlackRock Lux Finco S.a.r.l.

BlackRock Trident Holding Company Limited

BlackRock Japan Holdings GK

BlackRock Japan Co., Ltd.

BlackRock, Inc.

Trident Merger, LLC

BlackRock Investment Management, LLC

BlackRock, inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Holdco 3, LLC

BlackRock Cayman 1 LP

BlackRock Cayman West Bay Finco Limited

BlackRock Cayman West Bay IV Limited

BlackRock Group Limited

BlackRock Finance Europe Limited

BlackRock Investment Management (UK) Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Australia Holdco Pty. Ltd.

BlackRock Investment Management (Australia) Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Holdco 3, LLC

BlackRock Cayman 1 LP

BlackRock Cayman West Bay Finco Limited

BlackRock Cayman West Bay IV Limited

BlackRock Group Limited

BlackRock International Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock Holdco 4, LLC

BlackRock Holdco 6, LLC

BlackRock Delaware Holdings Inc.

BlackRock Institutional Trust Company, National Association

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock Holdco 4, LLC

BlackRock Holdco 6, LLC

BlackRock Delaware Holdings Inc.

BlackRock Fund Advisors

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock Capital Holdings, Inc.

BlackRock Advisors, LLC

BlackRock Capital Management, Inc.

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock (Singapore) Holdco Pte. Ltd.

BlackRock HK Holdco Limited

BlackRock Asset Management North Asia Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Holdco 3, LLC

BlackRock Cayman 1 LP

BlackRock Cayman West Bay Finco Limited

BlackRock Cayman West Bay IV Limited

BlackRock Group Limited

BlackRock Finance Europe Limited

BlackRock Investment Management (UK) Limited

BlackRock Asset Management Deutschland AG

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Holdco 3, LLC

BlackRock Canada Holdings LP

BlackRock Canada Holdings ULC

BlackRock Asset Management Canada Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock Capital Holdings, Inc.

BlackRock Advisors, LLC

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Holdco 3, LLC

BlackRock Cayman 1 LP

BlackRock Cayman West Bay Finco Limited

BlackRock Cayman West Bay IV Limited

BlackRock Group Limited

BlackRock Finance Europe Limited

BlackRock Advisors (UK) Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock (Singapore) Holdco Pte. Ltd.

BlackRock (Singapore) Limited

BlackRock, Inc.

BlackRock Holdco 2, Inc.

BlackRock Financial Management, Inc.

BlackRock International Holdings, Inc.

BR Jersey International Holdings L.P.

BlackRock Holdco 3, LLC

BlackRock Cayman 1 LP

BlackRock Cayman West Bay Finco Limited

BlackRock Cayman West Bay IV Limited

BlackRock Group Limited

BlackRock Finance Europe Limited

BlackRock (Netherlands) B.V.