

Disclosure of movement of 1% or more in substantial holding
or change in nature of relevant interest, or both

Sections 277 and 278, Financial Markets Conduct Act 2013

Note: This form must be completed in accordance with the instructions at the end of the form.

To New Zealand Stock Exchange
and
To Ebos Group Limited

Relevant event being disclosed: *Movement of 1% or more in the substantial holding*

Date of relevant event: 20 April 2018

Date this disclosure made: 30 April 2019

Date last disclosure made: 14 July 2014

Substantial product holder(s) giving disclosure

Full name(s): FMR LLC and the entities listed in Annexure A ("FMR")

Summary of substantial holding

Class of quoted voting products: *ordinary share*

Summary for *FMR LLC*

For **this** disclosure,—

- (a) total number held in class: *15,457,115*
- (b) total in class: *152,539,304*
- (c) total percentage held in class: *10.133%*

For **last** disclosure,—

- (a) total number held in class: *13,499,800*
- (b) total in class: *148,719,839*
- (c) total percentage held in class: *9.077%*

Details of transactions and events giving rise to relevant event

Details of the transactions or other events requiring disclosure:

| Date of Change | Person whose relevant interest changed | Nature of change | Consideration given in relation to change | Class and number of securities affected | Person's votes affected |
|----------------|--|------------------|---|---|-------------------------|
|----------------|--|------------------|---|---|-------------------------|

| | | | NZD | Common stock | Common stock |
|-----------|-----|-----|---------|--------------|--------------|
| 11-Jul-14 | FMR | BUY | 10.1000 | 24 | 24 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 245 | 245 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 17 | 17 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 171 | 171 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 16 | 16 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 158 | 158 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 134 | 134 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 1,345 | 1,345 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 18 | 18 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 184 | 184 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 110 | 110 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 1,101 | 1,101 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 140 | 140 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 1,397 | 1,397 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 528 | 528 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 5,277 | 5,277 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 1,958 | 1,958 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 19,571 | 19,571 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 55 | 55 |
| 11-Jul-14 | FMR | BUY | 10.1000 | 551 | 551 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 54 | 54 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 203 | 203 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 38 | 38 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 142 | 142 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 35 | 35 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 131 | 131 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 298 | 298 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 1,125 | 1,125 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 40 | 40 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 153 | 153 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 244 | 244 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 307 | 307 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 1,161 | 1,161 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 1,169 | 1,169 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 4,421 | 4,421 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 4,306 | 4,306 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 16,281 | 16,281 |
| 14-Jul-14 | FMR | BUY | 10.0986 | 122 | 122 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 461 | 461 |
| 14-Jul-14 | FMR | BUY | 10.1000 | 922 | 922 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 9 | 9 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 278 | 278 |

| | | | | | |
|-----------|-----|-----|---------|--------|--------|
| 15-Jul-14 | FMR | BUY | 10.1000 | 6 | 6 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 194 | 194 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 6 | 6 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 187 | 187 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 49 | 49 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 1,536 | 1,536 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 7 | 7 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 208 | 208 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 41 | 41 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 1,261 | 1,261 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 51 | 51 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 1,587 | 1,587 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 194 | 194 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 6,049 | 6,049 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 716 | 716 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 22,281 | 22,281 |
| 15-Jul-14 | FMR | BUY | 10.1000 | 20 | 20 |
| 15-Jul-14 | FMR | BUY | 10.1200 | 629 | 629 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 52 | 52 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 373 | 373 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 37 | 37 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 260 | 260 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 35 | 35 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 250 | 250 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 287 | 287 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 2,041 | 2,041 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 39 | 39 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 280 | 280 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 236 | 236 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 1,683 | 1,683 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 299 | 299 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 2,127 | 2,127 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 1,132 | 1,132 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 8,059 | 8,059 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 4,193 | 4,193 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 29,840 | 29,840 |
| 16-Jul-14 | FMR | BUY | 9.9972 | 117 | 117 |
| 16-Jul-14 | FMR | BUY | 9.9687 | 836 | 836 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 51 | 51 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 214 | 214 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 36 | 36 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 150 | 150 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 34 | 34 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 144 | 144 |

| | | | | | |
|-----------|-----|-----|---------|--------|--------|
| 17-Jul-14 | FMR | BUY | 10.0324 | 277 | 277 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 1,161 | 1,161 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 228 | 228 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 958 | 958 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 290 | 290 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 1,218 | 1,218 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 1,092 | 1,092 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 4,581 | 4,581 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 4,078 | 4,078 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 17,098 | 17,098 |
| 17-Jul-14 | FMR | BUY | 10.0324 | 114 | 114 |
| 17-Jul-14 | FMR | BUY | 10.0500 | 476 | 476 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 414 | 414 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 621 | 621 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 289 | 289 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 433 | 433 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 278 | 278 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 416 | 416 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 2,223 | 2,223 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 3,334 | 3,334 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 1,837 | 1,837 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 2,756 | 2,756 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 2,324 | 2,324 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 3,486 | 3,486 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 8,779 | 8,779 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 13,169 | 13,169 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 32,944 | 32,944 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 49,418 | 49,418 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 912 | 912 |
| 18-Jul-14 | FMR | BUY | 10.0000 | 1,367 | 1,367 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 33 | 33 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 271 | 271 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 23 | 23 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 189 | 189 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 22 | 22 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 182 | 182 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 183 | 183 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 1,484 | 1,484 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 152 | 152 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 1,228 | 1,228 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 190 | 190 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 1,535 | 1,535 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 723 | 723 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 5,850 | 5,850 |

| | | | | | |
|-----------|-----|------|---------|-----------|-----------|
| 21-Jul-14 | FMR | BUY | 10.0188 | 2,676 | 2,676 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 21,653 | 21,653 |
| 21-Jul-14 | FMR | BUY | 10.0188 | 75 | 75 |
| 21-Jul-14 | FMR | BUY | 10.0500 | 608 | 608 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 59 | 59 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 288 | 288 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 41 | 41 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 201 | 201 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 39 | 39 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 193 | 193 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 321 | 321 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 1,577 | 1,577 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 266 | 266 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 1,306 | 1,306 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 330 | 330 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 1,621 | 1,621 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 1,267 | 1,267 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 6,216 | 6,216 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 4,678 | 4,678 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 22,951 | 22,951 |
| 22-Jul-14 | FMR | BUY | 10.0396 | 132 | 132 |
| 22-Jul-14 | FMR | BUY | 10.0400 | 647 | 647 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 11 | 11 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 8 | 8 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 8 | 8 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 63 | 63 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 18,349 | 18,349 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 52 | 52 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 15,196 | 15,196 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 14,600 | 14,600 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 249 | 249 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 26,646 | 26,646 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 45,687 | 45,687 |
| 23-Jul-14 | FMR | BUY | 10.0200 | 917 | 917 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 267,043 | 267,043 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 1,447 | 1,447 |
| 23-Jul-14 | FMR | BUY | 10.1000 | 2,730 | 2,730 |
| 23-Jul-14 | FMR | SELL | 10.1000 | (267,043) | (267,043) |
| 23-Jul-14 | FMR | SELL | 10.1000 | (45,687) | (45,687) |
| 23-Jul-14 | FMR | SELL | 10.1000 | (26,646) | (26,646) |
| 23-Jul-14 | FMR | SELL | 10.1000 | (14,600) | (14,600) |
| 23-Jul-14 | FMR | SELL | 10.1000 | (1,447) | (1,447) |
| 23-Jul-14 | FMR | SELL | 10.1000 | (18,349) | (18,349) |
| 23-Jul-14 | FMR | SELL | 10.1000 | (15,196) | (15,196) |

| | | | | | |
|-----------|-----|------|---------|----------|----------|
| 23-Jul-14 | FMR | SELL | 10.1000 | (2,730) | (2,730) |
| 24-Jul-14 | FMR | BUY | 10.0500 | 175 | 175 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 1,539 | 1,539 |
| 24-Jul-14 | FMR | BUY | 10.0500 | 122 | 122 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 1,072 | 1,072 |
| 24-Jul-14 | FMR | BUY | 10.0500 | 118 | 118 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 1,034 | 1,034 |
| 24-Jul-14 | FMR | BUY | 10.0500 | 979 | 979 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 8,607 | 8,607 |
| 24-Jul-14 | FMR | BUY | 10.0500 | 812 | 812 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 7,143 | 7,143 |
| 24-Jul-14 | FMR | BUY | 10.0500 | 3,855 | 3,855 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 33,899 | 33,899 |
| 24-Jul-14 | FMR | BUY | 10.0500 | 13,939 | 13,939 |
| 24-Jul-14 | FMR | BUY | 10.0254 | 57,342 | 57,342 |
| 25-Jul-14 | FMR | BUY | 10.0500 | 1,025 | 1,025 |
| 25-Jul-14 | FMR | BUY | 10.0500 | 715 | 715 |
| 25-Jul-14 | FMR | BUY | 10.0500 | 689 | 689 |
| 25-Jul-14 | FMR | BUY | 10.0500 | 391 | 391 |
| 25-Jul-14 | FMR | BUY | 10.0500 | 4,732 | 4,732 |
| 25-Jul-14 | FMR | BUY | 10.0500 | 22,448 | 22,448 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 2,525 | 2,525 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 1,758 | 1,758 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 1,697 | 1,697 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 717 | 717 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 5,118 | 5,118 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 3,391 | 3,391 |
| 28-Jul-14 | FMR | BUY | 10.0500 | 3,902 | 3,902 |
| 28-Jul-14 | FMR | SELL | 10.0500 | (3,391) | (3,391) |
| 28-Jul-14 | FMR | SELL | 10.0500 | (717) | (717) |
| 29-Jul-14 | FMR | BUY | 10.0500 | 5,356 | 5,356 |
| 29-Jul-14 | FMR | BUY | 10.0500 | 9,453 | 9,453 |
| 29-Jul-14 | FMR | BUY | 10.0500 | 2,611 | 2,611 |
| 31-Jul-14 | FMR | SELL | 10.0671 | (21,206) | (21,206) |
| 31-Jul-14 | FMR | SELL | 10.0671 | (10,111) | (10,111) |
| 01-Aug-14 | FMR | BUY | 10.1500 | 22,000 | 22,000 |
| 01-Aug-14 | FMR | BUY | 10.1500 | 6,500 | 6,500 |
| 04-Aug-14 | FMR | BUY | 10.0400 | 10,509 | 10,509 |
| 06-Aug-14 | FMR | BUY | 9.9667 | 10,376 | 10,376 |
| 08-Aug-14 | FMR | BUY | 9.5200 | 8,869 | 8,869 |
| 08-Aug-14 | FMR | BUY | 9.5200 | 73,962 | 73,962 |
| 08-Aug-14 | FMR | SELL | 9.5200 | (73,962) | (73,962) |
| 08-Aug-14 | FMR | SELL | 9.5002 | (46,476) | (46,476) |
| 14-Aug-14 | FMR | BUY | 9.4257 | 20,582 | 20,582 |

| | | | | | |
|-----------|-----|------|--------|-----------|-----------|
| 27-Aug-14 | FMR | BUY | 9.5497 | 10,000 | 10,000 |
| 28-Aug-14 | FMR | BUY | 9.5994 | 49,181 | 49,181 |
| 02-Sep-14 | FMR | BUY | 9.3971 | 14,631 | 14,631 |
| 03-Sep-14 | FMR | BUY | 9.4584 | 5,787 | 5,787 |
| 03-Sep-14 | FMR | BUY | 9.4200 | 25,271 | 25,271 |
| 05-Sep-14 | FMR | BUY | 9.4500 | 9,648 | 9,648 |
| 05-Sep-14 | FMR | BUY | 9.4500 | 11,929 | 11,929 |
| 05-Sep-14 | FMR | SELL | 9.4500 | (11,929) | (11,929) |
| 11-Sep-14 | FMR | SELL | 9.4197 | (12,622) | (12,622) |
| 12-Sep-14 | FMR | BUY | 9.2300 | 46,943 | 46,943 |
| 15-Sep-14 | FMR | SELL | 9.2400 | (26,797) | (26,797) |
| 16-Sep-14 | FMR | SELL | 9.0958 | (169,790) | (169,790) |
| 22-Sep-14 | FMR | SELL | 9.1614 | (17,148) | (17,148) |
| 22-Sep-14 | FMR | SELL | 9.2767 | (22,327) | (22,327) |
| 23-Sep-14 | FMR | SELL | 9.1400 | (66,977) | (66,977) |
| 24-Sep-14 | FMR | SELL | 9.0000 | (29,521) | (29,521) |
| 26-Sep-14 | FMR | BUY | 9.0246 | 1,807 | 1,807 |
| 26-Sep-14 | FMR | BUY | 9.0246 | 1,629 | 1,629 |
| 26-Sep-14 | FMR | BUY | 9.0100 | 10,702 | 10,702 |
| 26-Sep-14 | FMR | BUY | 9.0100 | 12,668 | 12,668 |
| 26-Sep-14 | FMR | BUY | 9.0100 | 89,298 | 89,298 |
| 26-Sep-14 | FMR | BUY | 9.0100 | 105,703 | 105,703 |
| 26-Sep-14 | FMR | SELL | 9.0100 | (105,703) | (105,703) |
| 26-Sep-14 | FMR | SELL | 9.0100 | (89,298) | (89,298) |
| 29-Sep-14 | FMR | BUY | 9.1500 | 478 | 478 |
| 30-Sep-14 | FMR | BUY | 9.2470 | 627 | 627 |
| 30-Sep-14 | FMR | BUY | 9.2500 | 7,123 | 7,123 |
| 30-Sep-14 | FMR | BUY | 9.2470 | 3,313 | 3,313 |
| 30-Sep-14 | FMR | BUY | 9.2500 | 37,651 | 37,651 |
| 30-Sep-14 | FMR | BUY | 9.2470 | 2,906 | 2,906 |
| 30-Sep-14 | FMR | BUY | 9.2500 | 33,022 | 33,022 |
| 30-Sep-14 | FMR | BUY | 9.2470 | 743 | 743 |
| 30-Sep-14 | FMR | BUY | 9.2500 | 6,257 | 6,257 |
| 30-Sep-14 | FMR | BUY | 9.2470 | 1,403 | 1,403 |
| 30-Sep-14 | FMR | BUY | 9.2500 | 15,947 | 15,947 |
| 01-Oct-14 | FMR | BUY | 9.0163 | 1,980 | 1,980 |
| 01-Oct-14 | FMR | BUY | 9.0163 | 10,367 | 10,367 |
| 01-Oct-14 | FMR | BUY | 9.0163 | 9,109 | 9,109 |
| 01-Oct-14 | FMR | BUY | 9.0163 | 4,399 | 4,399 |
| 02-Oct-14 | FMR | BUY | 9.0188 | 5,346 | 5,346 |
| 02-Oct-14 | FMR | BUY | 9.0188 | 27,954 | 27,954 |
| 02-Oct-14 | FMR | BUY | 9.0188 | 24,686 | 24,686 |
| 02-Oct-14 | FMR | BUY | 9.0188 | 113,636 | 113,636 |
| 02-Oct-14 | FMR | BUY | 9.0188 | 11,889 | 11,889 |

| | | | | | |
|-----------|-----|------|--------|----------|----------|
| 03-Oct-14 | FMR | BUY | 9.0477 | 62 | 62 |
| 03-Oct-14 | FMR | BUY | 9.0500 | 2,901 | 2,901 |
| 03-Oct-14 | FMR | BUY | 9.0477 | 331 | 331 |
| 03-Oct-14 | FMR | BUY | 9.0500 | 15,469 | 15,469 |
| 03-Oct-14 | FMR | BUY | 9.0477 | 292 | 292 |
| 03-Oct-14 | FMR | BUY | 9.0500 | 13,673 | 13,673 |
| 03-Oct-14 | FMR | BUY | 9.0477 | 1,343 | 1,343 |
| 03-Oct-14 | FMR | BUY | 9.0500 | 62,812 | 62,812 |
| 03-Oct-14 | FMR | BUY | 9.0477 | 141 | 141 |
| 03-Oct-14 | FMR | BUY | 9.0500 | 6,587 | 6,587 |
| 06-Oct-14 | FMR | BUY | 9.0830 | 146 | 146 |
| 06-Oct-14 | FMR | BUY | 9.0830 | 796 | 796 |
| 06-Oct-14 | FMR | BUY | 9.0830 | 705 | 705 |
| 06-Oct-14 | FMR | BUY | 9.0830 | 3,236 | 3,236 |
| 06-Oct-14 | FMR | BUY | 9.0830 | 339 | 339 |
| 07-Oct-14 | FMR | BUY | 9.0500 | 944 | 944 |
| 07-Oct-14 | FMR | BUY | 9.0500 | 4,321 | 4,321 |
| 07-Oct-14 | FMR | BUY | 9.0500 | 4,500 | 4,500 |
| 07-Oct-14 | FMR | BUY | 9.0500 | 20,630 | 20,630 |
| 07-Oct-14 | FMR | BUY | 9.0500 | 2,162 | 2,162 |
| 08-Oct-14 | FMR | BUY | 8.9500 | 8,586 | 8,586 |
| 08-Oct-14 | FMR | BUY | 8.9500 | 4,505 | 4,505 |
| 08-Oct-14 | FMR | BUY | 8.9500 | 58,343 | 58,343 |
| 08-Oct-14 | FMR | BUY | 8.9500 | 3,000 | 3,000 |
| 08-Oct-14 | FMR | BUY | 8.9500 | 1,906 | 1,906 |
| 21-Oct-14 | FMR | BUY | 8.5000 | 10,000 | 10,000 |
| 28-Oct-14 | FMR | SELL | 9.1500 | (21,700) | (21,700) |
| 29-Oct-14 | FMR | BUY | 9.3800 | 40,000 | 40,000 |
| 30-Oct-14 | FMR | BUY | 9.1400 | 26,898 | 26,898 |
| 31-Oct-14 | FMR | BUY | 9.5700 | 8,000 | 8,000 |
| 07-Nov-14 | FMR | SELL | 9.8307 | (16,786) | (16,786) |
| 19-Nov-14 | FMR | BUY | 9.4500 | 12,663 | 12,663 |
| 20-Nov-14 | FMR | BUY | 9.4967 | 27,750 | 27,750 |
| 20-Nov-14 | FMR | BUY | 9.4800 | 34,401 | 34,401 |
| 21-Nov-14 | FMR | BUY | 9.5500 | 40 | 40 |
| 21-Nov-14 | FMR | BUY | 9.5300 | 8,223 | 8,223 |
| 21-Nov-14 | FMR | BUY | 9.5000 | 28,388 | 28,388 |
| 21-Nov-14 | FMR | BUY | 9.5500 | 40 | 40 |
| 21-Nov-14 | FMR | BUY | 9.5300 | 8,064 | 8,064 |
| 21-Nov-14 | FMR | BUY | 9.5000 | 27,836 | 27,836 |
| 21-Nov-14 | FMR | BUY | 9.5000 | 72,250 | 72,250 |
| 21-Nov-14 | FMR | BUY | 9.5500 | 18 | 18 |
| 21-Nov-14 | FMR | BUY | 9.5300 | 3,713 | 3,713 |
| 21-Nov-14 | FMR | BUY | 9.5000 | 12,817 | 12,817 |

| | | | | | |
|-----------|-----|-----|--------|--------|--------|
| 24-Nov-14 | FMR | BUY | 9.5080 | 92 | 92 |
| 24-Nov-14 | FMR | BUY | 9.5000 | 3,090 | 3,090 |
| 24-Nov-14 | FMR | BUY | 9.5080 | 504 | 504 |
| 24-Nov-14 | FMR | BUY | 9.5000 | 16,804 | 16,804 |
| 24-Nov-14 | FMR | BUY | 9.5080 | 495 | 495 |
| 24-Nov-14 | FMR | BUY | 9.5000 | 16,509 | 16,509 |
| 24-Nov-14 | FMR | BUY | 9.5080 | 228 | 228 |
| 24-Nov-14 | FMR | BUY | 9.5000 | 7,597 | 7,597 |
| 25-Nov-14 | FMR | BUY | 9.4996 | 578 | 578 |
| 25-Nov-14 | FMR | BUY | 9.5000 | 1,382 | 1,382 |
| 25-Nov-14 | FMR | BUY | 9.5100 | 2,705 | 2,705 |
| 25-Nov-14 | FMR | BUY | 9.4996 | 3,199 | 3,199 |
| 25-Nov-14 | FMR | BUY | 9.5000 | 7,642 | 7,642 |
| 25-Nov-14 | FMR | BUY | 9.5100 | 14,809 | 14,809 |
| 25-Nov-14 | FMR | BUY | 9.4996 | 3,147 | 3,147 |
| 25-Nov-14 | FMR | BUY | 9.5000 | 7,518 | 7,518 |
| 25-Nov-14 | FMR | BUY | 9.5100 | 14,717 | 14,717 |
| 25-Nov-14 | FMR | BUY | 9.4996 | 1,447 | 1,447 |
| 25-Nov-14 | FMR | BUY | 9.5000 | 3,458 | 3,458 |
| 25-Nov-14 | FMR | BUY | 9.5100 | 6,769 | 6,769 |
| 26-Nov-14 | FMR | BUY | 9.5065 | 371 | 371 |
| 26-Nov-14 | FMR | BUY | 9.5065 | 2,010 | 2,010 |
| 26-Nov-14 | FMR | BUY | 9.5065 | 923 | 923 |
| 27-Nov-14 | FMR | BUY | 9.5000 | 21,000 | 21,000 |
| 27-Nov-14 | FMR | BUY | 9.5000 | 25,782 | 25,782 |
| 27-Nov-14 | FMR | BUY | 9.5000 | 963 | 963 |
| 27-Nov-14 | FMR | BUY | 9.5000 | 2,122 | 2,122 |
| 02-Dec-14 | FMR | BUY | 9.4900 | 4,425 | 4,425 |
| 02-Dec-14 | FMR | BUY | 9.4900 | 4,418 | 4,418 |
| 03-Dec-14 | FMR | BUY | 9.6200 | 792 | 792 |
| 03-Dec-14 | FMR | BUY | 9.6200 | 792 | 792 |
| 03-Dec-14 | FMR | BUY | 9.6200 | 2,572 | 2,572 |
| 04-Dec-14 | FMR | BUY | 9.8000 | 190 | 190 |
| 04-Dec-14 | FMR | BUY | 9.8000 | 191 | 191 |
| 04-Dec-14 | FMR | BUY | 9.8000 | 619 | 619 |
| 05-Dec-14 | FMR | BUY | 9.7891 | 2,936 | 2,936 |
| 05-Dec-14 | FMR | BUY | 9.7891 | 2,950 | 2,950 |
| 05-Dec-14 | FMR | BUY | 9.7891 | 9,539 | 9,539 |
| 09-Dec-14 | FMR | BUY | 9.7789 | 2,859 | 2,859 |
| 09-Dec-14 | FMR | BUY | 9.7789 | 2,881 | 2,881 |
| 09-Dec-14 | FMR | BUY | 9.7789 | 9,111 | 9,111 |
| 10-Dec-14 | FMR | BUY | 9.6979 | 1,419 | 1,419 |
| 10-Dec-14 | FMR | BUY | 9.6979 | 1,433 | 1,433 |
| 10-Dec-14 | FMR | BUY | 9.6979 | 4,534 | 4,534 |

| | | | | | |
|-----------|-----|-------------------|---------|----------|----------|
| 11-Dec-14 | FMR | BUY | 9.6064 | 2,236 | 2,236 |
| 11-Dec-14 | FMR | BUY | 9.6064 | 2,265 | 2,265 |
| 11-Dec-14 | FMR | BUY | 9.6064 | 7,166 | 7,166 |
| 12-Dec-14 | FMR | BUY | 9.6400 | 2,846 | 2,846 |
| 12-Dec-14 | FMR | BUY | 9.6400 | 2,934 | 2,934 |
| 12-Dec-14 | FMR | BUY | 9.6400 | 9,220 | 9,220 |
| 15-Dec-14 | FMR | BUY | 9.6500 | 8,418 | 8,418 |
| 15-Dec-14 | FMR | BUY | 9.6500 | 8,702 | 8,702 |
| 15-Dec-14 | FMR | BUY | 9.6500 | 27,329 | 27,329 |
| 16-Dec-14 | FMR | BUY | 9.6000 | 1,833 | 1,833 |
| 16-Dec-14 | FMR | BUY | 9.6000 | 1,900 | 1,900 |
| 16-Dec-14 | FMR | BUY | 9.6000 | 6,015 | 6,015 |
| 17-Dec-14 | FMR | BUY | 9.6655 | 847 | 847 |
| 17-Dec-14 | FMR | BUY | 9.6655 | 878 | 878 |
| 17-Dec-14 | FMR | BUY | 9.6655 | 2,797 | 2,797 |
| 18-Dec-14 | FMR | BUY | 9.7940 | 2,175 | 2,175 |
| 18-Dec-14 | FMR | BUY | 9.7940 | 2,259 | 2,259 |
| 18-Dec-14 | FMR | BUY | 9.7940 | 7,113 | 7,113 |
| 19-Dec-14 | FMR | BUY | 9.8549 | 3,058 | 3,058 |
| 19-Dec-14 | FMR | BUY | 9.8549 | 3,178 | 3,178 |
| 19-Dec-14 | FMR | BUY | 9.8549 | 9,940 | 9,940 |
| 16-Jan-15 | FMR | TRANSITION OUT | 9.3700 | (39,525) | (39,525) |
| 16-Jan-15 | FMR | TRANSITION IN | 9.3700 | 39,525 | 39,525 |
| 07-Apr-15 | FMR | BUY | 10.4999 | 16,583 | 16,583 |
| 07-Apr-15 | FMR | BUY | 10.4999 | 22,014 | 22,014 |
| 07-Apr-15 | FMR | BUY | 10.4999 | 52,903 | 52,903 |
| 13-Apr-15 | FMR | SELL | 10.4500 | (145) | (145) |
| 13-Apr-15 | FMR | SELL | 10.4500 | (19) | (19) |
| 13-Apr-15 | FMR | SELL | 10.4500 | (11) | (11) |
| 15-May-15 | FMR | TRANSITION OUT | 9.4900 | (43,073) | (43,073) |
| 15-May-15 | FMR | TRANSITION IN | 9.4900 | 43,073 | 43,073 |
| 05-Jun-15 | FMR | BUY | 10.1500 | 10 | 10 |
| 09-Jul-15 | FMR | SELL | 10.2807 | (2,911) | (2,911) |
| 10-Jul-15 | FMR | BUY | 10.2500 | 725 | 725 |
| 10-Jul-15 | FMR | BUY | 10.2500 | 725 | 725 |
| 10-Jul-15 | FMR | BUY | 10.2500 | 736 | 736 |
| 10-Jul-15 | FMR | BUY | 10.2500 | 725 | 725 |
| 14-Jul-15 | FMR | BUY | 10.1300 | 713 | 713 |
| 14-Jul-15 | FMR | BUY | 10.1300 | 759 | 759 |
| 14-Jul-15 | FMR | BUY | 10.1500 | 1,397 | 1,397 |
| 14-Jul-15 | FMR | BUY | 10.1500 | 1,485 | 1,485 |
| 14-Jul-15 | FMR | BUY | 10.1500 | 661 | 661 |

| | | | | | |
|-----------|-----|------|---------|-----------|-----------|
| 14-Jul-15 | FMR | BUY | 10.1500 | 537 | 537 |
| 14-Jul-15 | FMR | BUY | 10.1300 | 785 | 785 |
| 14-Jul-15 | FMR | BUY | 10.1300 | 22,743 | 22,743 |
| 14-Jul-15 | FMR | BUY | 10.1500 | 45,514 | 45,514 |
| 14-Jul-15 | FMR | BUY | 10.1500 | 406 | 406 |
| 14-Jul-15 | FMR | SELL | 10.1500 | (1,485) | (1,485) |
| 14-Jul-15 | FMR | SELL | 10.1300 | (785) | (785) |
| 14-Jul-15 | FMR | SELL | 10.1300 | (759) | (759) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (736) | (736) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (661) | (661) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (537) | (537) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (406) | (406) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (45,514) | (45,514) |
| 14-Jul-15 | FMR | SELL | 10.1300 | (22,743) | (22,743) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (1,397) | (1,397) |
| 14-Jul-15 | FMR | SELL | 10.1500 | (899) | (899) |
| 14-Jul-15 | FMR | SELL | 10.1300 | (713) | (713) |
| 15-Jul-15 | FMR | BUY | 10.0500 | 8,481 | 8,481 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 740 | 740 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 136,508 | 136,508 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 784 | 784 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 740 | 740 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 271,884 | 271,884 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 740 | 740 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 740 | 740 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 360,172 | 360,172 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 740 | 740 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 21,699 | 21,699 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 42,078 | 42,078 |
| 15-Jul-15 | FMR | BUY | 10.0826 | 740 | 740 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 4,481 | 4,481 |
| 15-Jul-15 | FMR | BUY | 10.0500 | 47,570 | 47,570 |
| 15-Jul-15 | FMR | SELL | 10.0500 | (42,078) | (42,078) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (8,481) | (8,481) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (4,481) | (4,481) |
| 15-Jul-15 | FMR | SELL | 10.0341 | (1,404) | (1,404) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (360,172) | (360,172) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (271,884) | (271,884) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (136,508) | (136,508) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (47,570) | (47,570) |
| 15-Jul-15 | FMR | SELL | 10.0500 | (21,699) | (21,699) |
| 15-Jul-15 | FMR | SELL | 10.0341 | (21,366) | (21,366) |
| 15-Jul-15 | FMR | SELL | 10.0828 | (22,770) | (22,770) |
| 15-Jul-15 | FMR | SELL | 10.0341 | (743) | (743) |

| | | | | | |
|-----------|-----|------|---------|-----------|-----------|
| 16-Jul-15 | FMR | BUY | 10.2000 | 744 | 744 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 5,996 | 5,996 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 744 | 744 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 17,433 | 17,433 |
| 16-Jul-15 | FMR | BUY | 10.1400 | 19,252 | 19,252 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 158,655 | 158,655 |
| 16-Jul-15 | FMR | BUY | 10.1538 | 217,849 | 217,849 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 11,953 | 11,953 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 744 | 744 |
| 16-Jul-15 | FMR | BUY | 10.1400 | 748 | 748 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 4,315 | 4,315 |
| 16-Jul-15 | FMR | BUY | 10.1538 | 5,924 | 5,924 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 2,793 | 2,793 |
| 16-Jul-15 | FMR | BUY | 10.2000 | 2,287 | 2,287 |
| 16-Jul-15 | FMR | SELL | 10.1360 | (23,518) | (23,518) |
| 16-Jul-15 | FMR | SELL | 10.1360 | (383,225) | (383,225) |
| 24-Aug-15 | FMR | SELL | 10.3386 | (5,596) | (5,596) |
| 24-Aug-15 | FMR | SELL | 10.1737 | (3,104) | (3,104) |
| 25-Aug-15 | FMR | BUY | 10.4025 | 740 | 740 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 740 | 740 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 1,037 | 1,037 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 740 | 740 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 3,223 | 3,223 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 740 | 740 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 740 | 740 |
| 25-Aug-15 | FMR | BUY | 10.4025 | 740 | 740 |
| 15-Oct-15 | FMR | SELL | 13.4870 | (125,000) | (125,000) |
| 16-Oct-15 | FMR | BUY | 13.4202 | 6,590 | 6,590 |
| 16-Oct-15 | FMR | BUY | 13.4202 | 1,222 | 1,222 |
| 16-Oct-15 | FMR | BUY | 13.4202 | 23,360 | 23,360 |
| 16-Oct-15 | FMR | BUY | 13.4202 | 2,299 | 2,299 |
| 19-Oct-15 | FMR | BUY | 13.4760 | 3,944 | 3,944 |
| 19-Oct-15 | FMR | BUY | 13.4760 | 727 | 727 |
| 19-Oct-15 | FMR | BUY | 13.4760 | 13,873 | 13,873 |
| 19-Oct-15 | FMR | BUY | 13.4760 | 1,374 | 1,374 |
| 20-Oct-15 | FMR | BUY | 13.6778 | 3,470 | 3,470 |
| 20-Oct-15 | FMR | BUY | 13.6778 | 642 | 642 |
| 20-Oct-15 | FMR | BUY | 13.6778 | 12,219 | 12,219 |
| 20-Oct-15 | FMR | BUY | 13.6778 | 1,208 | 1,208 |
| 21-Oct-15 | FMR | BUY | 13.9628 | 1,770 | 1,770 |
| 21-Oct-15 | FMR | BUY | 13.9628 | 531 | 531 |
| 21-Oct-15 | FMR | BUY | 13.9628 | 6,379 | 6,379 |
| 21-Oct-15 | FMR | BUY | 13.9628 | 616 | 616 |
| 22-Oct-15 | FMR | BUY | 13.8982 | 34,119 | 34,119 |

| | | | | | |
|-----------|-----|------|---------|-----------|-----------|
| 22-Oct-15 | FMR | BUY | 14.0000 | 52,373 | 52,373 |
| 22-Oct-15 | FMR | BUY | 13.8982 | 6,217 | 6,217 |
| 22-Oct-15 | FMR | BUY | 14.0000 | 9,921 | 9,921 |
| 22-Oct-15 | FMR | BUY | 14.0000 | 26,973 | 26,973 |
| 22-Oct-15 | FMR | BUY | 13.8982 | 11,875 | 11,875 |
| 22-Oct-15 | FMR | BUY | 14.0000 | 18,228 | 18,228 |
| 22-Oct-15 | FMR | SELL | 14.0000 | (113,150) | (113,150) |
| 22-Oct-15 | FMR | SELL | 13.9257 | (54,561) | (54,561) |
| 23-Oct-15 | FMR | BUY | 13.9382 | 38,242 | 38,242 |
| 23-Oct-15 | FMR | BUY | 13.9382 | 13,279 | 13,279 |
| 23-Oct-15 | FMR | SELL | 13.9500 | (32,289) | (32,289) |
| 27-Oct-15 | FMR | BUY | 13.9384 | 8,156 | 8,156 |
| 27-Oct-15 | FMR | BUY | 13.9384 | 1,612 | 1,612 |
| 27-Oct-15 | FMR | BUY | 13.9384 | 2,801 | 2,801 |
| 28-Oct-15 | FMR | BUY | 13.8929 | 10,804 | 10,804 |
| 28-Oct-15 | FMR | BUY | 13.8929 | 2,111 | 2,111 |
| 28-Oct-15 | FMR | BUY | 13.8929 | 3,705 | 3,705 |
| 29-Oct-15 | FMR | BUY | 13.4500 | 52,002 | 52,002 |
| 29-Oct-15 | FMR | BUY | 13.4500 | 2,277 | 2,277 |
| 29-Oct-15 | FMR | BUY | 13.4500 | 7,284 | 7,284 |
| 13-Nov-15 | FMR | BUY | 13.8200 | 3,256 | 3,256 |
| 17-Dec-15 | FMR | BUY | 13.7535 | 2,260 | 2,260 |
| 12-Jan-16 | FMR | SELL | 13.8494 | (11,206) | (11,206) |
| 13-Jan-16 | FMR | SELL | 13.9662 | (3,497) | (3,497) |
| 14-Jan-16 | FMR | BUY | 13.9295 | 14,703 | 14,703 |
| 14-Jan-16 | FMR | SELL | 13.9512 | (11,409) | (11,409) |
| 15-Jan-16 | FMR | BUY | 13.9140 | 30,297 | 30,297 |
| 15-Jan-16 | FMR | SELL | 13.9500 | (27,526) | (27,526) |
| 18-Jan-16 | FMR | BUY | 13.8321 | 8,638 | 8,638 |
| 01-Mar-16 | FMR | SELL | 16.1014 | (67,531) | (67,531) |
| 04-Mar-16 | FMR | SELL | 16.4000 | (19,142) | (19,142) |
| 04-Mar-16 | FMR | SELL | 16.4000 | (10,000) | (10,000) |
| 07-Mar-16 | FMR | SELL | 16.5154 | (57,979) | (57,979) |
| 08-Mar-16 | FMR | SELL | 16.3831 | (6,094) | (6,094) |
| 10-Mar-16 | FMR | BUY | 16.5000 | 11,362 | 11,362 |
| 14-Mar-16 | FMR | BUY | 16.5000 | 3,165 | 3,165 |
| 16-Mar-16 | FMR | BUY | 16.6000 | 5,108 | 5,108 |
| 17-Mar-16 | FMR | BUY | 16.6450 | 3,253 | 3,253 |
| 18-Mar-16 | FMR | BUY | 16.6500 | 664 | 664 |
| 21-Mar-16 | FMR | BUY | 16.3922 | 10,000 | 10,000 |
| 22-Mar-16 | FMR | BUY | 16.1800 | 20,000 | 20,000 |
| 22-Mar-16 | FMR | SELL | 16.1800 | (42,421) | (42,421) |
| 22-Mar-16 | FMR | SELL | 16.1777 | (17,579) | (17,579) |
| 23-Mar-16 | FMR | BUY | 16.5245 | 4,217 | 4,217 |

| | | | | | |
|-----------|-----|-------------------|---------|----------|----------|
| 23-Mar-16 | FMR | BUY | 16.5245 | 13,330 | 13,330 |
| 23-Mar-16 | FMR | BUY | 16.5245 | 6,514 | 6,514 |
| 23-Mar-16 | FMR | BUY | 16.5245 | 9,655 | 9,655 |
| 23-Mar-16 | FMR | BUY | 16.5245 | 4,000 | 4,000 |
| 24-Mar-16 | FMR | BUY | 16.5410 | 913 | 913 |
| 24-Mar-16 | FMR | BUY | 16.5410 | 2,885 | 2,885 |
| 24-Mar-16 | FMR | BUY | 16.5410 | 1,410 | 1,410 |
| 24-Mar-16 | FMR | BUY | 16.5410 | 2,076 | 2,076 |
| 29-Mar-16 | FMR | BUY | 16.6887 | 5,324 | 5,324 |
| 29-Mar-16 | FMR | BUY | 16.6887 | 17,092 | 17,092 |
| 29-Mar-16 | FMR | BUY | 16.6887 | 8,330 | 8,330 |
| 29-Mar-16 | FMR | BUY | 16.6887 | 7,804 | 7,804 |
| 30-Mar-16 | FMR | BUY | 17.1084 | 5,027 | 5,027 |
| 30-Mar-16 | FMR | BUY | 17.1084 | 7,864 | 7,864 |
| 31-Mar-16 | FMR | BUY | 17.2236 | 3,519 | 3,519 |
| 31-Mar-16 | FMR | BUY | 17.2236 | 24,503 | 24,503 |
| 31-Mar-16 | FMR | BUY | 17.2236 | 6,382 | 6,382 |
| 01-Apr-16 | FMR | TRANSITION OUT | 17.0300 | (18,556) | (18,556) |
| 01-Apr-16 | FMR | TRANSITION IN | 17.0300 | 18,556 | 18,556 |
| 04-Apr-16 | FMR | BUY | 16.8433 | 15,000 | 15,000 |
| 05-Apr-16 | FMR | BUY | 16.6500 | 7,000 | 7,000 |
| 06-Apr-16 | FMR | BUY | 16.6570 | 938 | 938 |
| 07-Apr-16 | FMR | BUY | 16.7775 | 2,855 | 2,855 |
| 08-Apr-16 | FMR | BUY | 16.6064 | 10,207 | 10,207 |
| 31-May-16 | FMR | BUY | 16.6669 | 49,773 | 49,773 |
| 31-May-16 | FMR | SELL | 16.6788 | (52,539) | (52,539) |
| 01-Jun-16 | FMR | BUY | 16.5500 | 2,723 | 2,723 |
| 28-Jun-16 | FMR | BUY | 15.6200 | 392 | 392 |
| 26-Jul-16 | FMR | BUY | 16.6200 | 14,000 | 14,000 |
| 26-Jul-16 | FMR | SELL | 16.7577 | (85,187) | (85,187) |
| 27-Jul-16 | FMR | BUY | 16.7635 | 13,015 | 13,015 |
| 15-Aug-16 | FMR | SELL | 17.6507 | (72,969) | (72,969) |
| 22-Aug-16 | FMR | BUY | 17.4717 | 2,343 | 2,343 |
| 22-Aug-16 | FMR | BUY | 17.4717 | 11,699 | 11,699 |
| 23-Aug-16 | FMR | BUY | 17.2410 | 3,821 | 3,821 |
| 23-Aug-16 | FMR | BUY | 17.2410 | 19,093 | 19,093 |
| 24-Aug-16 | FMR | BUY | 17.2307 | 398 | 398 |
| 24-Aug-16 | FMR | BUY | 17.2294 | 7,632 | 7,632 |
| 24-Aug-16 | FMR | BUY | 17.2307 | 980 | 980 |
| 24-Aug-16 | FMR | BUY | 17.2294 | 38,111 | 38,111 |
| 25-Aug-16 | FMR | BUY | 17.5525 | 18,020 | 18,020 |
| 25-Aug-16 | FMR | BUY | 17.5525 | 117 | 117 |

| | | | | | |
|-----------|-----|---------------|---------|-----------|-----------|
| 26-Aug-16 | FMR | BUY | 17.7799 | 27,786 | 27,786 |
| 26-Aug-16 | FMR | SELL | 17.7000 | (1,000) | (1,000) |
| 26-Aug-16 | FMR | SELL | 17.7000 | (1,200) | (1,200) |
| 06-Sep-16 | FMR | SELL | 19.2964 | (131,779) | (131,779) |
| 09-Sep-16 | FMR | BUY | 18.7356 | 4,000 | 4,000 |
| 13-Sep-16 | FMR | BUY | 17.8648 | 10,000 | 10,000 |
| 22-Sep-16 | FMR | BUY | 18.8542 | 5,000 | 5,000 |
| 26-Sep-16 | FMR | BUY | 19.0000 | 6,289 | 6,289 |
| 26-Sep-16 | FMR | BUY | 19.0000 | 24,905 | 24,905 |
| 26-Sep-16 | FMR | SELL | 18.8054 | (368) | (368) |
| 26-Sep-16 | FMR | SELL | 19.0000 | (24,905) | (24,905) |
| 26-Sep-16 | FMR | SELL | 19.0000 | (6,289) | (6,289) |
| 26-Sep-16 | FMR | SELL | 18.8054 | (693) | (693) |
| 27-Sep-16 | FMR | SELL | 18.8000 | (2,200) | (2,200) |
| 27-Sep-16 | FMR | SELL | 18.6679 | (1,678) | (1,678) |
| 27-Sep-16 | FMR | SELL | 18.6679 | (8,113) | (8,113) |
| 05-Oct-16 | FMR | SELL | 18.9000 | (20,000) | (20,000) |
| 13-Oct-16 | FMR | BUY | 18.5571 | 4,102 | 4,102 |
| 14-Oct-16 | FMR | BUY | 18.5545 | 3,792 | 3,792 |
| 14-Oct-16 | FMR | TRANSITION IN | 18.5600 | 225,407 | 225,407 |
| 17-Oct-16 | FMR | BUY | 18.0971 | 17,106 | 17,106 |
| 18-Oct-16 | FMR | BUY | 17.6980 | 440 | 440 |
| 18-Oct-16 | FMR | BUY | 17.8183 | 2,978 | 2,978 |
| 18-Oct-16 | FMR | BUY | 17.6980 | 755 | 755 |
| 18-Oct-16 | FMR | BUY | 17.6980 | 1,751 | 1,751 |
| 19-Oct-16 | FMR | BUY | 17.7109 | 1,077 | 1,077 |
| 19-Oct-16 | FMR | BUY | 17.7109 | 1,853 | 1,853 |
| 19-Oct-16 | FMR | BUY | 17.7109 | 4,301 | 4,301 |
| 20-Oct-16 | FMR | BUY | 17.7309 | 2,297 | 2,297 |
| 20-Oct-16 | FMR | BUY | 17.7309 | 3,959 | 3,959 |
| 20-Oct-16 | FMR | BUY | 17.7309 | 9,189 | 9,189 |
| 21-Oct-16 | FMR | BUY | 17.6030 | 395 | 395 |
| 21-Oct-16 | FMR | BUY | 17.5018 | 2,811 | 2,811 |
| 21-Oct-16 | FMR | BUY | 17.5018 | 22,414 | 22,414 |
| 21-Oct-16 | FMR | BUY | 17.6030 | 577 | 577 |
| 21-Oct-16 | FMR | BUY | 17.5018 | 4,808 | 4,808 |
| 21-Oct-16 | FMR | BUY | 17.6030 | 1,338 | 1,338 |
| 21-Oct-16 | FMR | BUY | 17.5018 | 11,159 | 11,159 |
| 21-Oct-16 | FMR | TRANSITION IN | 17.5000 | 101,762 | 101,762 |
| 25-Oct-16 | FMR | BUY | 17.5696 | 2,565 | 2,565 |
| 25-Oct-16 | FMR | BUY | 17.5696 | 7,991 | 7,991 |
| 25-Oct-16 | FMR | BUY | 17.5696 | 4,371 | 4,371 |
| 25-Oct-16 | FMR | BUY | 17.5696 | 10,138 | 10,138 |
| 26-Oct-16 | FMR | BUY | 16.9403 | 1,067 | 1,067 |

| | | | | | |
|-----------|-----|----------------|---------|-----------|-----------|
| 26-Oct-16 | FMR | BUY | 16.9403 | 1,478 | 1,478 |
| 26-Oct-16 | FMR | BUY | 16.9403 | 1,803 | 1,803 |
| 26-Oct-16 | FMR | BUY | 16.9403 | 4,184 | 4,184 |
| 27-Oct-16 | FMR | BUY | 16.9300 | 478 | 478 |
| 27-Oct-16 | FMR | BUY | 16.9453 | 4,009 | 4,009 |
| 27-Oct-16 | FMR | BUY | 16.9300 | 809 | 809 |
| 27-Oct-16 | FMR | BUY | 16.9453 | 6,775 | 6,775 |
| 27-Oct-16 | FMR | BUY | 16.9300 | 1,876 | 1,876 |
| 27-Oct-16 | FMR | BUY | 16.9453 | 15,716 | 15,716 |
| 28-Oct-16 | FMR | BUY | 17.0372 | 5,673 | 5,673 |
| 28-Oct-16 | FMR | BUY | 17.0372 | 9,627 | 9,627 |
| 28-Oct-16 | FMR | BUY | 17.0372 | 22,333 | 22,333 |
| 31-Oct-16 | FMR | BUY | 17.0500 | 580 | 580 |
| 31-Oct-16 | FMR | BUY | 17.0500 | 1,184 | 1,184 |
| 31-Oct-16 | FMR | BUY | 17.0500 | 983 | 983 |
| 31-Oct-16 | FMR | BUY | 17.0500 | 2,006 | 2,006 |
| 31-Oct-16 | FMR | BUY | 17.0500 | 2,285 | 2,285 |
| 31-Oct-16 | FMR | BUY | 17.0500 | 4,662 | 4,662 |
| 04-Nov-16 | FMR | TRANSITION OUT | 16.3600 | (145,199) | (145,199) |
| 04-Nov-16 | FMR | TRANSITION IN | 16.3600 | 145,199 | 145,199 |
| 16-Nov-16 | FMR | TRANSITION OUT | 16.5000 | (16,879) | (16,879) |
| 16-Nov-16 | FMR | TRANSITION OUT | 16.5000 | (3,375) | (3,375) |
| 18-Nov-16 | FMR | BUY | 16.8000 | 3,250 | 3,250 |
| 18-Nov-16 | FMR | BUY | 16.8000 | 5,138 | 5,138 |
| 18-Nov-16 | FMR | BUY | 16.8000 | 11,962 | 11,962 |
| 18-Nov-16 | FMR | TRANSITION IN | 16.7700 | 31,194 | 31,194 |
| 18-Nov-16 | FMR | TRANSITION OUT | 16.7700 | (6,289) | (6,289) |
| 18-Nov-16 | FMR | TRANSITION OUT | 16.7700 | (24,905) | (24,905) |
| 24-Nov-16 | FMR | BUY | 16.4000 | 4,733 | 4,733 |
| 24-Nov-16 | FMR | BUY | 16.4000 | 7,258 | 7,258 |
| 24-Nov-16 | FMR | BUY | 16.4000 | 17,008 | 17,008 |
| 24-Nov-16 | FMR | SELL | 16.5000 | (28,996) | (28,996) |
| 04-Jan-17 | FMR | BUY | 16.6900 | 20,308 | 20,308 |
| 04-Jan-17 | FMR | BUY | 16.6900 | 48,498 | 48,498 |
| 04-Jan-17 | FMR | SELL | 16.6900 | (20,308) | (20,308) |
| 04-Jan-17 | FMR | SELL | 16.6174 | (12,356) | (12,356) |
| 04-Jan-17 | FMR | SELL | 16.6900 | (48,498) | (48,498) |
| 04-Jan-17 | FMR | SELL | 16.6174 | (26,303) | (26,303) |
| 05-Jan-17 | FMR | BUY | 16.6178 | 433 | 433 |
| 05-Jan-17 | FMR | BUY | 16.6178 | 2,702 | 2,702 |
| 05-Jan-17 | FMR | BUY | 16.6178 | 948 | 948 |

| | | | | | |
|-----------|-----|-------------------|---------|----------|----------|
| 05-Jan-17 | FMR | BUY | 16.6178 | 535 | 535 |
| 05-Jan-17 | FMR | BUY | 16.6178 | 1,293 | 1,293 |
| 06-Jan-17 | FMR | BUY | 16.6411 | 1,231 | 1,231 |
| 06-Jan-17 | FMR | BUY | 16.6411 | 3,727 | 3,727 |
| 06-Jan-17 | FMR | BUY | 16.6411 | 3,134 | 3,134 |
| 06-Jan-17 | FMR | BUY | 16.6411 | 1,760 | 1,760 |
| 06-Jan-17 | FMR | BUY | 16.6411 | 4,254 | 4,254 |
| 09-Jan-17 | FMR | BUY | 16.6600 | 19,821 | 19,821 |
| 09-Jan-17 | FMR | BUY | 16.6600 | 11,110 | 11,110 |
| 09-Jan-17 | FMR | BUY | 16.7567 | 760 | 760 |
| 09-Jan-17 | FMR | BUY | 16.6600 | 26,870 | 26,870 |
| 09-Jan-17 | FMR | SELL | 16.6600 | (26,870) | (26,870) |
| 09-Jan-17 | FMR | SELL | 16.6600 | (19,821) | (19,821) |
| 09-Jan-17 | FMR | SELL | 16.6600 | (11,110) | (11,110) |
| 10-Jan-17 | FMR | BUY | 16.8052 | 578 | 578 |
| 10-Jan-17 | FMR | BUY | 16.8052 | 4,151 | 4,151 |
| 10-Jan-17 | FMR | BUY | 16.8052 | 1,464 | 1,464 |
| 10-Jan-17 | FMR | BUY | 16.8052 | 819 | 819 |
| 10-Jan-17 | FMR | BUY | 16.8052 | 1,980 | 1,980 |
| 11-Jan-17 | FMR | BUY | 16.9053 | 1,210 | 1,210 |
| 11-Jan-17 | FMR | BUY | 16.9053 | 251 | 251 |
| 11-Jan-17 | FMR | BUY | 16.9053 | 1,564 | 1,564 |
| 11-Jan-17 | FMR | BUY | 16.9053 | 1,716 | 1,716 |
| 11-Jan-17 | FMR | BUY | 16.9053 | 4,149 | 4,149 |
| 11-Jan-17 | FMR | TRANSITION OUT | 16.9000 | (8,034) | (8,034) |
| 11-Jan-17 | FMR | TRANSITION OUT | 16.9000 | (2,308) | (2,308) |
| 13-Jan-17 | FMR | BUY | 16.8597 | 1,782 | 1,782 |
| 13-Jan-17 | FMR | BUY | 16.8597 | 2,505 | 2,505 |
| 13-Jan-17 | FMR | BUY | 16.8597 | 6,055 | 6,055 |
| 17-Jan-17 | FMR | TRANSITION OUT | 16.8800 | (16,832) | (16,832) |
| 17-Jan-17 | FMR | TRANSITION IN | 16.8800 | 16,832 | 16,832 |
| 17-Jan-17 | FMR | TRANSITION OUT | 16.8800 | (38,867) | (38,867) |
| 17-Jan-17 | FMR | TRANSITION IN | 16.8800 | 38,867 | 38,867 |
| 25-Jan-17 | FMR | BUY | 16.8636 | 3,625 | 3,625 |
| 25-Jan-17 | FMR | BUY | 16.9100 | 9,154 | 9,154 |
| 25-Jan-17 | FMR | BUY | 16.9100 | 5,016 | 5,016 |
| 25-Jan-17 | FMR | BUY | 16.9100 | 12,205 | 12,205 |
| 25-Jan-17 | FMR | SELL | 16.9100 | (12,205) | (12,205) |
| 25-Jan-17 | FMR | SELL | 16.9100 | (9,154) | (9,154) |
| 25-Jan-17 | FMR | SELL | 16.9100 | (5,016) | (5,016) |
| 25-Jan-17 | FMR | SELL | 16.8208 | (3,625) | (3,625) |
| 20-Mar-17 | FMR | SELL | 18.3000 | (1,000) | (1,000) |

| | | | | | |
|-----------|-----|-------------------|---------|---------|---------|
| 21-Mar-17 | FMR | BUY | 18.3200 | 387 | 387 |
| 21-Mar-17 | FMR | BUY | 18.3200 | 613 | 613 |
| 09-May-17 | FMR | BUY | 18.1500 | 1,425 | 1,425 |
| 09-May-17 | FMR | BUY | 18.1500 | 1,406 | 1,406 |
| 09-May-17 | FMR | BUY | 18.1500 | 3,721 | 3,721 |
| 09-May-17 | FMR | SELL | 18.1500 | (1,220) | (1,220) |
| 09-May-17 | FMR | SELL | 18.1500 | (2,272) | (2,272) |
| 09-May-17 | FMR | SELL | 18.1500 | (3,060) | (3,060) |
| 09-Jun-17 | FMR | SELL | 16.7482 | (2,900) | (2,900) |
| 12-Jun-17 | FMR | BUY | 16.8800 | 411 | 411 |
| 12-Jun-17 | FMR | BUY | 16.8800 | 1,098 | 1,098 |
| 12-Jun-17 | FMR | BUY | 16.8800 | 450 | 450 |
| 12-Jun-17 | FMR | BUY | 16.8800 | 411 | 411 |
| 12-Jun-17 | FMR | BUY | 16.8800 | 530 | 530 |
| 10-Jul-17 | FMR | TRANSITION OUT | 17.4500 | (3,589) | (3,589) |
| 13-Jul-17 | FMR | BUY | 17.4500 | 395 | 395 |
| 13-Jul-17 | FMR | BUY | 17.4500 | 1,886 | 1,886 |
| 13-Jul-17 | FMR | BUY | 17.4500 | 395 | 395 |
| 13-Jul-17 | FMR | BUY | 17.4500 | 913 | 913 |
| 18-Jul-17 | FMR | TRANSITION OUT | 18.1200 | (2,800) | (2,800) |
| 20-Jul-17 | FMR | BUY | 18.2880 | 372 | 372 |
| 20-Jul-17 | FMR | BUY | 18.2880 | 1,389 | 1,389 |
| 20-Jul-17 | FMR | BUY | 18.2880 | 372 | 372 |
| 20-Jul-17 | FMR | BUY | 18.2880 | 667 | 667 |
| 27-Jul-17 | FMR | SELL | 17.9571 | (1,800) | (1,800) |
| 28-Jul-17 | FMR | BUY | 17.9300 | 373 | 373 |
| 28-Jul-17 | FMR | BUY | 17.9300 | 681 | 681 |
| 28-Jul-17 | FMR | BUY | 17.9300 | 373 | 373 |
| 28-Jul-17 | FMR | BUY | 17.9300 | 373 | 373 |
| 25-Sep-17 | FMR | BUY | 17.4689 | 11,736 | 11,736 |
| 25-Sep-17 | FMR | BUY | 17.4689 | 5,551 | 5,551 |
| 25-Sep-17 | FMR | BUY | 17.4689 | 2,185 | 2,185 |
| 25-Sep-17 | FMR | BUY | 17.4689 | 5,817 | 5,817 |
| 26-Sep-17 | FMR | BUY | 17.4544 | 1,423 | 1,423 |
| 26-Sep-17 | FMR | BUY | 17.4544 | 17,643 | 17,643 |
| 26-Sep-17 | FMR | BUY | 17.4544 | 6,881 | 6,881 |
| 26-Sep-17 | FMR | BUY | 17.4544 | 18,326 | 18,326 |
| 26-Sep-17 | FMR | SELL | 17.4535 | (1,560) | (1,560) |
| 26-Sep-17 | FMR | SELL | 17.4535 | (2,659) | (2,659) |
| 26-Sep-17 | FMR | SELL | 17.4535 | (2,843) | (2,843) |

| | | | | | |
|-----------|-----|-------------------|---------|-----------|-----------|
| 20-Oct-17 | FMR | TRANSITION OUT | 17.9000 | (9,900) | (9,900) |
| 24-Oct-17 | FMR | BUY | 17.7924 | 437 | 437 |
| 24-Oct-17 | FMR | BUY | 17.7924 | 3,967 | 3,967 |
| 24-Oct-17 | FMR | BUY | 17.7924 | 1,503 | 1,503 |
| 24-Oct-17 | FMR | BUY | 17.7924 | 3,993 | 3,993 |
| 27-Oct-17 | FMR | SELL | 17.4039 | (5,322) | (5,322) |
| 30-Oct-17 | FMR | BUY | 17.5141 | 551 | 551 |
| 30-Oct-17 | FMR | BUY | 17.5141 | 5,037 | 5,037 |
| 30-Oct-17 | FMR | BUY | 17.5141 | 1,903 | 1,903 |
| 30-Oct-17 | FMR | BUY | 17.5141 | 5,055 | 5,055 |
| 14-Dec-17 | FMR | SELL | 18.0221 | (5,411) | (5,411) |
| 14-Dec-17 | FMR | SELL | 18.0221 | (12,937) | (12,937) |
| 15-Dec-17 | FMR | BUY | 18.1500 | 5,789 | 5,789 |
| 15-Dec-17 | FMR | BUY | 18.1500 | 553 | 553 |
| 15-Dec-17 | FMR | BUY | 18.1500 | 5,177 | 5,177 |
| 15-Dec-17 | FMR | BUY | 18.1500 | 1,882 | 1,882 |
| 15-Dec-17 | FMR | BUY | 18.1500 | 4,947 | 4,947 |
| 25-Jan-18 | FMR | TRANSITION OUT | 18.4100 | (11,400) | (11,400) |
| 29-Jan-18 | FMR | BUY | 18.6050 | 408 | 408 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 1,644 | 1,644 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 366 | 366 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 2,631 | 2,631 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 366 | 366 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 366 | 366 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 2,457 | 2,457 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 1,433 | 1,433 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 478 | 478 |
| 29-Jan-18 | FMR | BUY | 18.6050 | 1,251 | 1,251 |
| 16-Mar-18 | FMR | TRANSITION OUT | 18.4900 | (10,592) | (10,592) |
| 16-Mar-18 | FMR | TRANSITION IN | 18.4900 | 10,592 | 10,592 |
| 11-Apr-18 | FMR | BUY | 18.5100 | 367 | 367 |
| 11-Apr-18 | FMR | BUY | 18.5100 | 477 | 477 |
| 11-Apr-18 | FMR | BUY | 18.5100 | 367 | 367 |
| 11-Apr-18 | FMR | BUY | 18.5100 | 367 | 367 |
| 11-Apr-18 | FMR | BUY | 18.5100 | 367 | 367 |
| 11-Apr-18 | FMR | SELL | 18.5020 | (1,945) | (1,945) |
| 13-Apr-18 | FMR | TRANSITION OUT | 18.5000 | (243,693) | (243,693) |
| 13-Apr-18 | FMR | TRANSITION IN | 18.5000 | 243,693 | 243,693 |
| 20-Apr-18 | FMR | TRANSITION OUT | 17.8500 | (203,185) | (203,185) |
| 20-Apr-18 | FMR | TRANSITION IN | 17.8500 | 203,185 | 203,185 |
| 20-Apr-18 | FMR | TRANSITION IN | 17.8500 | 203,185 | 203,185 |

Details after relevant event

Details for *Refer to Annexure A*

Nature of relevant interest(s): Investment discretion and/or voting power

For that relevant interest,—

- (a) number held in class: *Refer to Annexure A*
- (b) percentage held in class: *Refer to Annexure A*
- (c) current registered holder(s): *Refer to Annexure A*
- (d) registered holder(s) once transfers are registered: *N/A*

For a derivative relevant interest, also—

- (a) type of derivative: *N/A*
- (b) details of derivative: *N/A*
- (c) parties to the derivative: *N/A*
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative:

Additional information

Address(es) of substantial product holder(s): *Refer to Annexure A*

Contact details: *Jen Li, Head of Regulatory Reporting, Asia Pacific, C/O FIL Asia Holdings Pte Limited, +852 2629 2657, regulatory.filings@fil.com*

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Financial Markets Conduct Act 2013 in relation to the financial products to which this disclosure relates: *N/A*

Certification

I, *Jen Li*, certify that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.



Sign Here _____

Dated: 30 April 2019

Jen Li

Head of Regulatory Reporting, Asia Pacific

Duly authorized under Powers of Attorney by and on behalf of FMR LLC

Annexure A

| Investment Manager | Address | Registered Holder | Nature of Relevant Interest | Number of shares held in class | Percentage Held in Class |
|---|--|---------------------------------|-------------------------------------|--------------------------------|--------------------------|
| FIDELITY MANAGEMENT & RESEARCH (JAPAN) LIMITED | 4-1-17 Kamiya-cho Prime Place, Toranomon, Minatoku, Tokyo 105-0001 Japan | STATE STREET BANK AND TR CO | Investment Discretion/ Voting Power | 127,215 | 0.083% |
| | | BANK OF NEW YORK MELLON | | 747,427 | 0.490% |
| FIAM LLC | 900 Salem Street, Smithfield, RI 02917 United States | STATE STREET BANK AND TR CO | | 491,163 | 0.322% |
| | | BANK OF NEW YORK MELLON | | 147,210 | 0.097% |
| | | BNP PARIBAS FRANKFURT (C) | | 18,588 | 0.012% |
| | | ROYAL TRUST- TORONTO (C) | | 70,408 | 0.046% |
| FMR CO., INC | 245 Summer Street, Boston, MA 02210 United States | JPMORGAN CHASE BANK | | 5,350,379 | 3.508% |
| | | STATE STREET BANK AND TR CO | | 826,161 | 0.542% |
| | | BROWN BROTHERS HARRIMAN AND CO | | 3,293,494 | 2.159% |
| | | NORTHERN TRUST CO (C) | | 174,681 | 0.115% |
| Fidelity Institutional Asset Management Trust Company | 900 Salem Street, Smithfield, RI 02917 United States | JP MORGAN, BOURNEMOUTH (C) | | 12,413 | 0.008% |
| | | JPMORGAN CHASE BANK | | 3,000 | 0.002% |
| | | STATE STREET BANK AND TR CO | | 87,211 | 0.057% |
| | | STATE STR BK AND TR CO LNDN (C) | | 211,096 | 0.138% |
| FIDELITY MANAGEMENT & RESEARCH (HONG KONG) LIMITED | Floor 19, 41 Connaught Road Central, Hong Kong | JPMORGAN CHASE BANK | | 408,279 | 0.268% |
| FMR INVESTMENT MANAGEMENT (UK) LIMITED | 1 St. Martin's Le Grand, London, EC1A 4AS | JPMORGAN CHASE BANK | | 249,004 | 0.163% |
| | | BROWN BROTHERS HARRIMAN AND CO | | 80,093 | 0.053% |
| | | NORTHERN TRUST CO (C) | | 3,159,293 | 2.071% |
| Grand Total | | | | 15,457,115 | 10.133% |