

Sydney

Level 2. 5 Martin Place Sydney NSW 2000 Australia GPO Box 3698 Sydney NSW 2001 www.challenger.com.au

> Telephone 02 9994 7000 Facsimile 02 9994 7777

29 May 2019

The Manager Company Announcements Office **ASX Limited** 20 Bridge Street SYDNEY NSW 2000

By electronic lodgement

Dear Sir/Madam

Re: Notice of change of interests of substantial holder – Vocus Group Limited (VOC)

We attach a notice of change of interests of substantial holder in Vocus Group Limited. This notice is given by Challenger Limited and each of its associated entities named in Annexure 2 to this notice.

Yours faithfully

Andrew Brown

Company Secretary

Garen noun.

Form 604

Corporations Act 2001 Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Vocus Group Limited

1. Details of substantial holder(1)

ACN/ARSN

Name Challenger Limited (and its entities listed in Annexure 2)

084 115 499

ACN/ARSN (if applicable) 106 842 371

 There was a change in the interests of the substantial holder on
 27/05/2019

 The previous notice was given to the company on
 12/03/2019

 The previous notice was dated
 12/03/2019

2. Previous and present voting power

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

| Classof securities (4) | Previous notice | | Present notice | | |
|------------------------|-----------------|------------------|----------------|------------------|--|
| | Person's votes | Voting power (5) | Person's votes | Voting power (5) | |
| Ordinary Fully Paid | 51,299,098 | 8.24% | 44,132,331 | 7.09% | |

3. Changes in relevant interests

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

| | Person whose relevant interest changed | Nature of change (6) | Class and number of securities affected | Person's votes affected |
|------------|--|----------------------|---|-------------------------|
| Annexure 1 | | | | Refer Annexure 1 |

4. Present relevant interests

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

| Holder of relevant interest | Registered holder of securities | Person entitled to be registered as holder (8) | Nature of relevant interest (6) | Class and number of securities | Person's votes |
|--|--|--|---|-------------------------------------|----------------|
| Challenger Limited (and its entities listed in Annexure 2) | BNP Paribas Nominees Pty Limited | BNP Paribas Nominees Pty Limited | Ordinary Fully Paid securities purchased and sold on market and acquired and sold (via off market transfer) by Challenger Limited (and its entities listed in Annexure 2) and obtains a relevant interest by virtue of section 608(3) of the Corporations Act 2001 (Cth). | 4,189,471 (Ordinary Fully Paid) | 4,189,471 |
| Challenger Limited (and its entities listed in Annexure 2) | Citicorp Nominees Pty Limited | Citicorp Nominees Pty Limited | As above | 11,014,585 (Ordinary Fully Paid) | 11,014,585 |
| Challenger Limited (and its entities listed in Annexure 2) | J P Morgan Nominees Australia Limited | J P Morgan Nominees Australia Limited | As above | 11,582,923 (Ordinary Fully Paid) | 11,582,923 |
| Challenger Limited (and its entities listed in Annexure 2) | National Nominees Limited | National Nominees Limited | As above | 3,321,175 (Ordinary Fully Paid) | 3,321,175 |
| Challenger Limited (and its entities listed in Annexure 2) | HSBC Custody Nominees (Australia) Limited | HSBC Custody Nominees (Australia) Limited | As above | 13,859,833 (Ordinary Fully Paid) | 13,859,833 |
| Challenger Limited (and its entities listed in Annexure 2) | RBC Investor Services Australia Nominees Pty Limited | RBC Investor Services Australia Nominees Pty Limited | As above | 164,344 (Ordinary Fully Paid) | 164,344 |

5. Changes in association

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

| Name and ACN/ARSN (if applicable) | Nature of association |
|-----------------------------------|-----------------------|
| N/A | N/A |

6. Addresses

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

| Name | Address |
|--|--|
| Challenger Limited (and its entities listed in | Level 2, 5 Martin Place, Sydney NSW 2000 |
| Annexure 2) | |
| | |

Signature

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 to of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of
- (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
- (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.

- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.



Andrew Brown
Company Secretary of Challenger Limited

Transactions:

Company Name/Scheme:

Vocus Group Limited (VOC)

As at:

27/05/2019

Class of security:

Ordinary Fully Paid

| | Holder of relevant | | | Number of | Person's Votes |
|--------------------------|-----------------------------|------------------|------------------|-----------------|-----------------|
| Date of Change | interest | Nature of Change | Consideration | Securities | Affected |
| | | | | | |
| | Challenger Limited (and its | | | | |
| | entities listed in Annexure | | | | |
| 18/01/2019 | 2) | Buy | 30,008 | 9,464 | 9,464 |
| 18/01/2019 | I . | Buy | 118,028 | 37,235 | 37,235 |
| 18/01/2019 | | Buy | 235,361 | 74,251 | 74,251 |
| 18/01/2019 | I . | Buy | 11,941 | 3,767 | 3,767 |
| 18/01/2019 | | Buy | 120,104 | 37,890 | 37,890 |
| 18/01/2019 | I . | Buy | 6,403 | 2,020 | 2,020 |
| 18/01/2019 | | Buy | 164,579 | 51,921 | 51,921 |
| 18/01/2019 | | Buy | 262,190 | 82,715 | 82,715 |
| 18/01/2019 | I . | Buy | 194,001 | 61,203 | 61,203 |
| 18/01/2019 18/01/2019 | | Buy | 91,376 26,997 | 28,827 8,517 | 28,827 8,517 |
| 18/01/2019 | I . | Buy Buy | 63,339 | 19,982 | 19,982 |
| 18/01/2019 | | Buy | 59,878 | 18,890 | 18,890 |
| 29/01/2019 | | Buy | 66,324 | 19,767 | 19,767 |
| 31/01/2019 | | Buy | 59,402 | 17,610 | 17,610 |
| 31/01/2019 | | Buy | 3,680 | 1,010 | 1,010 |
| 31/01/2019 | I . | Buy | 17,004 | 5,041 | 5,041 |
| 01/02/2019 | | Buy | 299,364 | 91,409 | 91,409 |
| 01/02/2019 | | Buy | 215,321 | 65,747 | 65,747 |
| 01/02/2019 | | Buy | 416,695 | 127,235 | 127,235 |
| 01/02/2019 | | Sell | 931,381 - | 284,391 | 284,391 |
| 01/02/2019 | I . | Buy | 480,582 | 146,595 | 146,595 |
| 01/02/2019 | I . | Buy | 95,900 | 29,253 | 29,253 |
| 01/02/2019 | | Buy | 97,992 | 29,891 | 29,891 |
| 01/02/2019 | | Buy | 31,034 | 9,463 | 9,463 |
| 01/02/2019 | | Buy | 154,546 | 47,125 | 47,125 |
| 01/02/2019 | as above | Buy | 28,174 | 8,591 | 8,591 |
| 01/02/2019 | as above | Buy | 59,277 | 18,075 | 18,075 |
| 05/02/2019 | as above | Buy - Transfer | 1,749,972 | 516,216 | 516,216 |
| 05/02/2019 | as above | Buy | 51,619 | 15,261 | 15,261 |
| 05/02/2019 | as above | Buy | 52,113 | 15,407 | 15,407 |
| 05/02/2019 | as above | Buy | 253,305 | 74,889 | 74,889 |
| 07/02/2019 | as above | Sell | 28,520 - | 8,300 | 8,300 |
| 12/02/2019 | as above | Sell | 80,065 - | 22,329 | 22,329 |
| 12/02/2019 | | Sell | 351,632 - | 98,065 | 98,065 |
| 12/02/2019 | | Sell | 191,132 - | 53,304 | 53,304 |
| 12/02/2019 | | Sell | 15,938 - | 4,445 | 4,445 |
| 12/02/2019 | | Sell | 316,399 - | 88,239 | 88,239 |
| 12/02/2019 | I . | Sell | 161,622 - | 45,074 | 45,074 |
| 12/02/2019 | | Sell | 220,893 - | 61,604 | 61,604 |
| 12/02/2019 | | Sell | 122,774 - | 34,240 | 34,240 |
| 12/02/2019 | | Sell | 36,234 - | 10,105 | 10,105 |
| 12/02/2019 | I . | Sell | 260,490 - | 72,647 | 72,647 |
| 12/02/2019 | | Sell | 8,591 - | 2,396 | 2,396 |
| 12/02/2019 | | Sell | 481,367 - | 133,000 | 133,000 |
| 13/02/2019 | | Sell | 151,797 - | 41,971 | 41,971 |
| 13/02/2019 | | Sell | 666,684 - | 184,335 | 184,335 |
| 13/02/2019 | I . | Sell | 362,379 - | 100,196 | 100,196 |
| 13/02/2019 | | Sell | 30,218 - | 8,355 | 8,355 |
| 13/02/2019 | | Sell | 599,869 - | 165,861 | 165,861 |
| 13/02/2019 | | Sell | 306,429 - | 84,726 | 84,726 |
| 13/02/2019 | | Sell | 418,799 - | 115,796 | 115,796 |
| 13/02/2019 | las anove | Sell | 232,771 - | 64,360 | 64,360 |

| Date of Change | | Holder of relevant | | | Number of | Person's Votes |
|--|----------------|--------------------|------------------|---|-----------|----------------|
| 1302/2019 se above Sel 493.71 193.95 | Date of Change | | Nature of Change | Consideration | | |
| 1902/2019 08 above Sell 94,715 23,945 25,945 1400,2019 08 above Sell 94,715 23,945 25,945 1400,2019 08 above Sell 265,005 | 13/02/2019 | as above | | 68,699 | - 18,995 | 18,995 |
| 1402/2019 is above Sell | | | | | | |
| 1402/2019 las above | | | | | | |
| H002/2019 las above | | | | | | |
| 1402/2019 as above Sel 152,197 - 41,891 41,991 14,981 14,981 14,02219] as above Sel 77,782 - 19,683 13,584 13,584 14,02219] as above Sel 6,083 - 13,897 13,897 13,897 14,022219] as above Sel 6,083 - 13,897 13,897 13,897 14,022219] as above Sel 6,083 - 13,897 13,897 13,897 14,022219] as above Sel 6,083 - 13,897 13,897 14,022219] as above Sel 6,083 - 13,897 13,897 14,022219] as above Sel 6,083 - 13,897 10,0465 10,465 | | | | | | |
| 1402/2019 as above | | | | , | | , |
| 1402/2019 as above | | | | 71,782 | | 19,663 |
| 144022019 as above Sell 184,662 50,584 50,584 14022019 as above Sell 8,142 22,336 22,529 15022019 as above Sell 8,142 22,336 22,336 15022019 as above Sell 38,167 10,466 10,465 15022019 as above Sell 76,556 46,469 46,427 15022019 as above Sell 76,556 46,469 46,427 15022019 as above Sell 66,779 16,627 15022019 as above Sell 42,021 11,965 11,965 15022019 as above Sell 42,022 11,965 11,695 15022019 as above Sell 42,022 11,965 11,695 15022019 as above Sell 75,941 21,78 16022019 as above Sell 75,151 10,266 10,286 16022019 as above Sell 75,151 75,031 75,031 16022019 as above Sell 75,041 75,041 75,041 16022019 as above Sell 75,041 75,041 75,041 75,041 16022019 as above Sell 72,294 75,041 | | | | | | |
| 14022019 as above Sell 9,232 2,293 2,529 15022019 as above Sell 38,157 10,465 10,465 15022019 as above Sell 38,157 10,465 10,465 15022019 as above Sell 170,682 48,429 15022019 as above Sell 130,869 35,822 35,822 15022019 as above Sell 130,869 35,822 35,822 15022019 as above Sell 14,545 11,694 11,69 | | | | | | |
| 1500/2019 is above Seil 81,442 22,336 22,336 1500/2019 is above Seil 170,582 48,429 48,429 1500/2019 is above Seil 170,582 48,429 48,429 1500/2019 is above Seil 170,582 48,429 48,429 1500/2019 is above Seil 167,79 16,927 16,927 16,927 1500/2019 is above Seil 67,79 16,927 16,927 16,927 1500/2019 is above Seil 42,942 11,865 11,865 1500/2019 is above Seil 42,942 11,865 11,865 11,965 1500/2019 is above Seil 43,941 14,941 | | | | | | |
| 150/2/2019 as above Sail 38,167 10,465 10,465 150/2/2019 as above Sail 176,582 48,429 150/2/2019 as above Sail 130,869 35,592 35,882 150/2/2019 as above Sail 42,642 11,865 1 | | | | | | |
| 150/2/2019 is above Seil 170.582 48.429 48.429 150/2/2019 is above Seil 170.582 35.892 35.892 150/2/2019 is above Seil 61.719 16.927 16.927 150/2/2019 is above Seil 44.2642 11.895 11.895 11.895 150/2/2019 is above Seil 4.354 11.94 1.944 150/2/2019 is above Seil 4.354 1.944 1.944 1.944 150/2/2019 is above Seil 7.941 2.176 2 | | | | | | |
| 1510/2019 as above Sell 130,869 35,882 35,882 1510/2019 as above Sell 61,719 16,927 16,927 15,002/2019 as above Sell 42,642 11,805 11,605 11,605 150/20219 as above Sell 4,934 1,194 | | | | | | |
| 15/02/2019 as above Sell 42,642 11,665 115,055 15/02/2019 as above Sell 4,354 1,144 1,194 1, | 15/02/2019 | as above | Sell | | | |
| 1500/2019 8a above Sell 4,354 1,194 1,194 1500/2019 8a above Sell 7,941 2,178 2,178 1600/2019 8a above Sell 7,941 2,178 2,178 1800/2019 8a above Sell 3,7515 10,266 10,266 16,066 1,467 1,477 | | | | | | |
| 150/22019 as above Sell 158/785 43,548 43,548 150/22019 as above Sell 7,941 2,178 2,178 180/22019 as above Sell 37,515 10,286 10,286 180/22019 as above Sell 12,225 3,352 3,353 3,53 | | | | | | |
| 1500/2019 gas above Sell 7,941 2,178 2,178 10,286 10,286 10,286 10,286 16,022019 gas above Sell 12,225 3,352 3,352 18,002/2019 gas above Sell 11,500 3,153 3,153 18,002/2019 gas above Sell 11,500 3,153 3,153 18,002/2019 gas above Sell 11,500 3,153 3,153 18,002/2019 gas above Sell 12,361 2,365 3,390 339 339 18,002/2019 gas above Sell 1,236 3,365 3,503 3,503 18,002/2019 gas above Sell 31,621 8,670 8,670 8,670 18,002/2019 gas above Sell 31,621 8,670 8,670 8,670 18,002/2019 gas above Sell 31,621 8,670 8,670 8,670 18,002/2019 gas above Sell 2,294 629 | | | | | | |
| 18/02/2019 as above Sell 12/25 3.352 3.353 3.160/2019 as above Sell 4.554 12.501 12.501 12.501 18.002/2019 as above Sell 4.554 4.554 12.501 7.503 7.503 3.39 3.39 3.39 3.302/2019 as above Sell 3.521 8.670 | | | | | | |
| 18/02/2019 as above Sell 12,225 3,352 3,352 18/02/2019 as above Sell 5,168 1,417 1,417 1,417 18/02/2019 as above Sell 11,500 3,153 3,153 18/02/2019 as above Sell 45,954 12,501 12,501 12,501 18/02/2019 as above Sell 1,236 339 339 339 18/02/2019 as above Sell 1,236 7,503 7,503 7,503 18/02/2019 as above Sell 31,621 8,670 8,670 8,670 18/02/2019 as above Sell 31,621 8,670 8,670 18/02/2019 as above Sell 7,685 4,449 4,849 18/02/2019 as above Sell 2,294 629 629 629 18/02/2019 as above Sell 2,294 629 629 18/02/2019 as above Sell 23,397 6,416 6,415 19/02/2019 as above Sell 23,397 6,416 6,415 19/02/2019 as above Sell 18,554 52,677 52,677 19/02/2019 as above Sell 61,458 17,167 17,167 19/02/2019 as above Sell 61,458 17,167 17,167 19/02/2019 as above Sell 61,458 17,167 17,167 19/02/2019 as above Sell 57,799 16,145 16,145 19/02/2019 as above Sell 57,799 16,145 16,145 19/02/2019 as above Sell 62,28 19/02/2019 as above Sell 62,28 19/02/2019 as above Sell 62,48 17,537 1,737 1,737 19/02/2019 as above Sell 62,18 1,737 | | | | | | |
| 18100/2019 as above | | | | | | |
| 18/00/2019 as above Sell 45,594 12,501 12,501 12,501 18/00/2019 as above Sell 45,594 12,501 12,501 18/00/2019 as above Sell 1,236 339 340 34 | 18/02/2019 | as above | | 5,168 | - 1,417 | 1,417 |
| 18/02/2019 as above | | | | | | |
| 180/2/2019 as above | | | | | | |
| 18/02/2019 as above Sell 31,621 8,670 8,670 18/02/2019 as above Sell 17,685 4,849 4,849 18/02/2019 as above Sell 2,294 629 629 629 18/02/2019 as above Sell 50,646 13,886 13,886 14,886 | | | | | | |
| 18/02/2019 as above Sell 2,294 629 | | | | | | |
| 18/02/2019 as above | | | | | | |
| 18/02/2019 as above Sell 50,845 13,886 13,886 18/02/2019 as above Sell 23,397 6,415 6,415 19/02/2019 as above Sell 188,584 52,677 52,677 19/02/2019 as above Sell 61,458 17,167 17,167 19/02/2019 as above Sell 61,458 17,167 17,167 19/02/2019 as above Sell 25,973 7,255 7,255 19/02/2019 as above Sell 57,799 16,145 16,145 19/02/2019 as above Sell 57,799 16,145 16,145 19/02/2019 as above Sell 6,218 1,737 | | | | | | |
| 1902/2019 as above Sell 188,584 52,677 52,677 1902/2019 as above Sell 61,458 171,167 171,167 171,167 1902/2019 as above Sell 25,973 7,255 7,255 1902/2019 as above Sell 37,799 16,145 16,145 16,145 1902/2019 as above Sell 229,192 64,020 64,020 64,020 1902/2019 as above Sell 6,218 1,737 1,737 1,737 1,1737 1, | | | Sell | | - 13,886 | 13,886 |
| 1902/2019 as above Sell 61,458 17,167 17,167 1902/2019 as above Sell 29,913 7,255 7,255 1902/2019 as above Sell 57,799 16,145 16,145 1902/2019 as above Sell 229,192 64,020 64,020 1902/2019 as above Sell 6,218 1,737 1,737 1902/2019 as above Sell 137,551 38,422 38,422 1902/2019 as above Sell 137,551 38,422 38,422 1902/2019 as above Sell 159,952 44,400 44,400 1902/2019 as above Sell 88,895 24,831 24,831 1902/2019 as above Sell 1,1524 3,219 3,219 1902/2019 as above Sell 254,617 71,122 71,122 1902/2019 as above Sell 11,3813 31,882 31,882 2002/2019 as above Sell 11,3813 31,882 31,892 2002/2019 as above Sell 37,093 10,394 10,394 2002/2019 as above Sell 37,093 10,394 10,394 2002/2019 as above Sell 38,484 9,775 9,775 2002/2019 as above Sell 38,319 38,759 2002/2019 as above Sell 38,319 38,759 2002/2019 as above Sell 38,311 38,789 38,759 2002/2019 as above Sell 38,312 23,261 2002/2019 as above Sell 38,312 23,261 2002/2019 as above Sell 38,319 38,759 2002/2019 as above Sell 38,3012 23,261 2002/2019 as above Sell 38,3012 23,261 2002/2019 as above Sell 38,3012 23,261 2002/2019 as above Sell 38,3014 38,759 2002/2019 as above Sell 38,3014 38,759 2002/2019 as above Sell 38,3014 38,759 2002/2019 as above Sell 38,0014 36,0014 2002/2019 as above Sell 38,0014 2002/2019 as ab | | | | | | |
| 19/02/2019 as above Sell 25,973 7,255 7,255 19/02/2019 as above Sell 57,799 16,145 16,145 19/02/2019 as above Sell 229,192 64,020 64,020 19/02/2019 as above Sell 6,218 1,737 1,737 1,737 1,737 1,737 1,902/2019 as above Sell 137,551 38,422 38,422 19/02/2019 as above Sell 158,952 44,400 44,400 44,400 19/02/2019 as above Sell 158,952 44,400 44,4 | | | | | | |
| 1902/2019 as above Sell 57,799 16,145 16,145 1902/2019 as above Sell 229,192 64,020 64,020 190/202019 as above Sell 6,218 1,737 1,737 1,737 1,90/202019 as above Sell 137,551 38,422 38,422 38,422 190/202019 as above Sell 158,952 44,400 44,400 190/202019 as above Sell 88,895 24,831 24,831 190/202019 as above Sell 88,895 24,831 24,831 190/202019 as above Sell 11,524 3,219 3,219 190/202019 as above Sell 254,617 71,122 71,122 190/202019 as above Sell 11,7614 32,853 32,853 200/202019 as above Sell 11,7614 32,853 32,853 200/202019 as above Sell 11,7614 32,853 32,853 200/202019 as above Sell 13,813 31,992 31,992 200/202019 as above Sell 37,093 10,394 10,394 200/202019 as above Sell 37,093 10,394 10,394 200/202019 as above Sell 34,884 9,775 200/202019 as above Sell 38,319 23,2653 23 | | | | | | 17,167 |
| 1902/2019 as above Sell 229,192 - 64,020 64,020 1902/2019 as above Sell 6,218 - 1,737 1,737 1,737 1,902/2019 as above Sell 137,551 - 38,422 38,422 38,422 1902/2019 as above Sell 158,952 - 44,400 44,400 44,400 1902/2019 as above Sell 88,895 - 24,831 24,831 1902/2019 as above Sell 11,524 - 3,219 3,219 1902/2019 as above Sell 11,524 - 3,219 3,219 1902/2019 as above Sell 11,644 - 32,853 32,853 2002/2019 as above Sell 117,614 - 32,853 32,853 2002/2019 as above Sell 113,813 - 33,892 31,892 2002/2019 as above Sell 113,813 - 33,892 31,892 2002/2019 as above Sell 37,993 - 10,394 10,394 2002/2019 as above Sell 36,844 - 9,775 2002/2019 as above Sell 38,844 - 9,775 2002/2019 as above Sell 38,844 - 9,775 2002/2019 as above Sell 38,844 - 9,775 2002/2019 as above Sell 83,012 - 23,261 23,261 2002/2019 as above Sell 53,652 - 15,034 15,034 2002/2019 as above Sell 53,652 - 15,034 15,034 2002/2019 as above Sell 53,652 - 19,488 19,488 2002/2019 as above Sell 74,736 20,942 20,9 | | | | | | |
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| 21/02/2019 as above Sell 108,490 - 30,183 30,183 21/02/2019 as above Sell 60,598 - 16,859 16,859 21/02/2019 as above Sell 41,695 - 11,600 11,600 21/02/2019 as above Sell 39,341 - 10,945 10,945 21/02/2019 as above Sell 7,818 - 2,175 2,175 21/02/2019 as above Sell 173,243 - 48,198 48,198 21/02/2019 as above Sell 128,525 - 35,757 35,757 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | , | | , |
| 21/02/2019 as above Sell 60,598 - 16,859 16,859 21/02/2019 as above Sell 41,695 - 11,600 11,600 21/02/2019 as above Sell 39,341 - 10,945 10,945 21/02/2019 as above Sell 7,818 - 2,175 2,175 21/02/2019 as above Sell 173,243 - 48,198 48,198 21/02/2019 as above Sell 128,525 - 35,757 35,757 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | | | |
| 21/02/2019 as above Sell 41,695 - 11,600 11,600 21/02/2019 as above Sell 39,341 - 10,945 10,945 21/02/2019 as above Sell 7,818 - 2,175 2,175 21/02/2019 as above Sell 173,243 - 48,198 48,198 21/02/2019 as above Sell 128,525 - 35,757 35,757 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | | | , |
| 21/02/2019 as above Sell 7,818 - 2,175 2,175 21/02/2019 as above Sell 173,243 - 48,198 48,198 21/02/2019 as above Sell 128,525 - 35,757 35,757 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | 21/02/2019 | as above | | 41,695 | - 11,600 | 11,600 |
| 21/02/2019 as above Sell 173,243 - 48,198 48,198 21/02/2019 as above Sell 128,525 - 35,757 35,757 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | , | | , |
| 21/02/2019 as above Sell 128,525 - 35,757 35,757 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | | | |
| 21/02/2019 as above Sell 80,267 - 22,331 22,331 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | , | | , |
| 22/02/2019 as above Sell 1,282 - 357 357 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | | | |
| 22/02/2019 as above Sell 11,226 - 3,127 3,127 22/02/2019 as above Sell 3,005 - 837 837 | | | | | | |
| 22/02/2019 as above Sell 3,005 - 837 837 | | | | , | | |
| 22/02/2019 as above Sell 8 225 - 2 201 2 201 | 22/02/2019 | as above | | 3,005 | - 837 | 837 |
| 22/02/20/10/00 00000 0,220 - 2,201 2,201 | 22/02/2019 | as above | Sell | 8,225 | - 2,291 | 2,291 |

| | Holder of relevant | | | Number of | Person's Votes |
|--------------------------|--------------------|------------------|----------------------|------------------|------------------|
| Date of Change | interest | Nature of Change | Consideration | Securities | Affected |
| 22/02/2019 | | Sell | 7,805 - | 2,174 | 2,174 |
| 22/02/2019 22/02/2019 | | Sell Sell | 4,358 - 2,829 - | 1,214 788 | 1,214 788 |
| 22/02/2019 | | Sell | 564 - | 157 | 157 |
| 22/02/2019 | | Sell | 12,464 - | 3,472 | 3,472 |
| 22/02/2019 | | Sell | 9,248 - | 2,576 | 2,576 |
| 22/02/2019 | | Sell | 5,773 - | 1,608 | 1,608 |
| 25/02/2019 | | Sell | 4,712 - | 1,298 | 1,298 |
| 26/02/2019 | | Buy | 176,309 | 50,102 | 50,102 |
| 28/02/2019 28/02/2019 | | Sell Sell | 79,216 - 51,061 - | 20,981 13,524 | 20,981 13,524 |
| 28/02/2019 | | Sell | 17,942 - | 4,752 | 4,752 |
| 28/02/2019 | | Sell | 2,650 - | 702 | 702 |
| 28/02/2019 | | Sell | 33,233 - | 8,802 | 8,802 |
| 28/02/2019 | | Sell | 146,120 - | 38,701 | 38,701 |
| 28/02/2019 | | Sell | 108,250 - | 28,671 | 28,671 |
| 28/02/2019 | | Sell | 114,212 - | 30,250 | 30,250 |
| 28/02/2019 | | Sell | 79,269 - | 20,995 | 20,995 |
| 28/02/2019 | | Sell | 3,587 - | 950 9,328 | 950 |
| 28/02/2019 28/02/2019 | | Sell Sell | 35,219 - 91,524 - | 24,241 | 9,328 24,241 |
| 28/02/2019 | | Sell | 6,622 - | 1,754 | 1,754 |
| 28/02/2019 | | Sell | 190,607 - | 50,484 | 50,484 |
| 28/02/2019 | | Sell | 59,175 - | 15,673 | 15,673 |
| 28/02/2019 | | Sell | 4,195 - | 1,111 | 1,111 |
| 28/02/2019 | | Sell | 64,310 - | 17,033 | 17,033 |
| 28/02/2019 | | Sell | 15,016 - | 3,977 | 3,977 |
| 28/02/2019 | | Sell | 3,976 - | 1,053 | 1,053 |
| 28/02/2019 | | Sell | 131,323 - | 34,782 | 34,782 |
| 28/02/2019 28/02/2019 | | Sell Buy | 1,767 - 944,823 | 468 253,637 | 468 253,637 |
| 28/02/2019 | | Buy | 404,229 | 108,515 | 108,515 |
| 28/02/2019 | | Buy | 190,133 | 51,041 | 51,041 |
| 28/02/2019 | | Buy | 178,283 | 47,860 | 47,860 |
| 05/03/2019 | | Sell | 117,511 - | 32,200 | 32,200 |
| 05/03/2019 | | Sell | 289,762 - | 79,400 | 79,400 |
| 05/03/2019 | | Sell | 368,954 - | 101,100 | 101,100 |
| 05/03/2019 | | Buy | 615,729 | 168,679 | 168,679 |
| 05/03/2019 05/03/2019 | | Buy Buy | 123,110 129,976 | 33,726 35,607 | 33,726 35,607 |
| 05/03/2019 | | Buy | 286,735 | 78,551 | 78,551 |
| 18/03/2019 | | Buy | 13,707 | 3,905 | 3,905 |
| 19/03/2019 | | Buy | 1,664 | 475 | 475 |
| 19/03/2019 | as above | Buy | 80,348 | 22,937 | 22,937 |
| 19/03/2019 | | Buy | 24,945 | 7,121 | 7,121 |
| 19/03/2019 | | Buy | 48,117 | 13,736 | 13,736 |
| 19/03/2019 | | Buy | 2,778 | 793 | 793 |
| 19/03/2019 19/03/2019 | | Buy Buy | 1,531 1,794 | 437 512 | 437 512 |
| 19/03/2019 | | Buy | 1,794 | 319 | 319 |
| 19/03/2019 | | Buy | 21,533 | 6,147 | 6,147 |
| 19/03/2019 | | Buy | 33,436 | 9,545 | 9,545 |
| 19/03/2019 | | Buy | 6,323 | 1,805 | 1,805 |
| 19/03/2019 | | Buy | 61,509 | 17,559 | 17,559 |
| 19/03/2019 | | Buy | 45,669 | 13,037 | 13,037 |
| 19/03/2019 | | Buy | 27,789 | 7,933 | 7,933 |
| 19/03/2019 19/03/2019 | | Buy Buy | 767 7,549 | 219 2.155 | 219 2,155 |
| 19/03/2019 | | Buy | 7,549 38,621 | 2,155 | 2,155 11,025 |
| 19/03/2019 | | Buy | 55,428 | 15,823 | 15,823 |
| 19/03/2019 | | Buy | 14,835 | 4,235 | 4,235 |
| 19/03/2019 | as above | Buy | 14,026 | 4,004 | 4,004 |
| 19/03/2019 | | Buy | 35,492 | 10,132 | 10,132 |
| 20/03/2019 | | Buy | 25 | 7 | 7 |
| 20/03/2019 | | Buy | 1,267 | 361 | 361 |
| 20/03/2019 | | Buy | 393 | 112 | 112 |
| 20/03/2019 20/03/2019 | | Buy Buy | 758 42 | 216 12 | 216 12 |
| 20/03/2019 | | Buy | 25 | 7 | 7 |
| 20/03/2019 | | Buy | 28 | 8 | 8 |
| 20/03/2019 | | Buy | 18 | 5 | 5 |
| 20/03/2019 | | Buy | 340 | 97 | 97 |
| 20/03/2019 | as above | Buy | 527 | 150 | 150 |
| 20/03/2019 | as above | Buy | 98 | 28 | 28 |

| | Holder of relevant | | | Number of | Person's Votes |
|--------------------------|--------------------|------------------|------------------|------------------|------------------|
| Date of Change | interest | Nature of Change | Consideration | Securities | Affected |
| 20/03/2019 20/03/2019 | | Buy Buy | 969 720 | 276 205 | 276 205 |
| 20/03/2019 | | Buy | 439 | 125 | 125 |
| 20/03/2019 | | Buy | 11 | 3 | 3 |
| 20/03/2019 | | Buy | 119 | 34 | 34 |
| 20/03/2019 | | Buy | 607 | 173 | 173 |
| 20/03/2019 | | Buy | 874 | 249 | 249 |
| 20/03/2019 | | Buy | 235 | 67 | 67 |
| 20/03/2019 | | Buy | 221 | 63 | 63 |
| 20/03/2019 21/03/2019 | | Buy Buy | 558 4,903 | 159 1,397 | 159 1,397 |
| 21/03/2019 | | Buy | 236,914 | 67,497 | 67,497 |
| 21/03/2019 | | Buy | 73,552 | 20,955 | 20,955 |
| 21/03/2019 | as above | Buy | 141,878 | 40,421 | 40,421 |
| 21/03/2019 | | Buy | 8,196 | 2,335 | 2,335 |
| 21/03/2019 | | Buy | 4,517 | 1,287 | 1,287 |
| 21/03/2019 | | Buy | 5,290 | 1,507 | 1,507 |
| 21/03/2019 | | Buy | 3,289 | 937 | 937 |
| 21/03/2019 21/03/2019 | | Buy Buy | 63,485 98,585 | 18,087 28,087 | 18,087 28,087 |
| 21/03/2019 | | Buy | 18,645 | 5,312 | 5,312 |
| 21/03/2019 | | Buy | 181,362 | 51,670 | 51,670 |
| 21/03/2019 | | Buy | 134,651 | 38,362 | 38,362 |
| 21/03/2019 | | Buy | 81,934 | 23,343 | 23,343 |
| 21/03/2019 | | Buy | 2,257 | 643 | 643 |
| 21/03/2019 | | Buy | 22,260 | 6,342 | 6,342 |
| 21/03/2019 | | Buy | 113,875 | 32,443 | 32,443 |
| 21/03/2019 | | Buy | 163,426 | 46,560 | 46,560 |
| 21/03/2019 21/03/2019 | | Buy Buy | 43,745 41,355 | 12,463 11,782 | 12,463 11,782 |
| 21/03/2019 | | Buy | 104,651 | 29,815 | 29,815 |
| 25/03/2019 | | Buy | 3,199 | 913 | 913 |
| 25/03/2019 | | Buy | 154,468 | 44,091 | 44,091 |
| 25/03/2019 | as above | Buy | 47,958 | 13,689 | 13,689 |
| 25/03/2019 | | Buy | 92,507 | 26,405 | 26,405 |
| 25/03/2019 | | Buy | 5,343 | 1,525 | 1,525 |
| 25/03/2019 | | Buy | 2,946 | 841 | 841 |
| 25/03/2019 25/03/2019 | | Buy Buy | 3,451 2,144 | 985 612 | 985 612 |
| 25/03/2019 | | Buy | 41,396 | 11,816 | 11,816 |
| 25/03/2019 | | Buy | 64,280 | 18,348 | 18,348 |
| 25/03/2019 | | Buy | 12,157 | 3,470 | 3,470 |
| 25/03/2019 | as above | Buy | 118,254 | 33,754 | 33,754 |
| 25/03/2019 | | Buy | 87,795 | 25,060 | 25,060 |
| 25/03/2019 | | Buy | 53,423 | 15,249 | 15,249 |
| 25/03/2019 | | Buy | 1,471 | 420 | 420 |
| 25/03/2019 25/03/2019 | | Buy | 14,515 74.251 | 4,143 21.194 | 4,143 |
| 25/03/2019 | | Buy Buy | 106,556 | 30,415 | 21,194 30,415 |
| 25/03/2019 | | Buy | 28.521 | 8,141 | 8,141 |
| 25/03/2019 | | Buy | 26,966 | 7,697 | 7,697 |
| 25/03/2019 | | Buy | 68,236 | 19,477 | 19,477 |
| 26/03/2019 | | Buy | 439 | 125 | 125 |
| 26/03/2019 | | Buy | 1,144 | 326 | 326 |
| 26/03/2019 | | Buy | 32 | 9 | 9 |
| 26/03/2019 | | Buy | 1,351 | 385 | 385 |
| 26/03/2019 26/03/2019 | | Buy Buy | 1,425 1,060 | 406 302 | 406 302 |
| 26/03/2019 | | Buy | 849 | 242 | 242 |
| 26/03/2019 | | Buy | 46 | 13 | 13 |
| 26/03/2019 | | Buy | 993 | 283 | 283 |
| 26/03/2019 | as above | Buy | 225 | 64 | 64 |
| 26/03/2019 | | Buy | 81 | 23 | 23 |
| 26/03/2019 | | Buy | 1,818 | 518 | 518 |
| 26/03/2019 | | Buy | 737 | 210 | 210 |
| 26/03/2019 | | Buy | 49 | 14 | 14 |
| 26/03/2019 26/03/2019 | | Buy Buy | 635 190 | 181 54 | 181 54 |
| 26/03/2019 | | Buy | 2,376 | 677 | 677 |
| 26/03/2019 | | Buy | 1,639 | 467 | 467 |
| 26/03/2019 | | Buy | 21 | 6 | 6 |
| 26/03/2019 | | Buy | 53 | 15 | 15 |
| 26/03/2019 | as above | Buy | 206,906 | 58,463 | 58,463 |
| | as above | Sell - Transfer | 3,927,182 - | 1,064,277 | 1,064,277 |

| | Holder of relevant | | | Number of | Person's Votes |
|--------------------------|--------------------|------------------|------------------------|----------------------|------------------|
| Date of Change | interest | Nature of Change | Consideration | Securities | Affected |
| 05/04/2019 | as above | Buy | 134,964 | 37,561 | 37,561 |
| 05/04/2019 | | Buy | 155,948 | 43,401 | 43,401 |
| 05/04/2019 | | Buy | 25,487 | 7,093 | 7,093 |
| 08/04/2019 08/04/2019 | | Buy | 24,275 28,055 | 6,743 7,793 | 6,743 7,793 |
| 08/04/2019 | | Buy Buy | 295,155 | 82,170 | 82,170 |
| 09/04/2019 | | Buy | 341,125 | 94,968 | 94,968 |
| 10/04/2019 | | Buy | 101,245 | 28,129 | 28,129 |
| 10/04/2019 | | Buy | 117,013 | 32,510 | 32,510 |
| 11/04/2019 | | Buy | 75,503 | 20,915 | 20,915 |
| 11/04/2019 | | Buy | 87,261 | 24,172 | 24,172 |
| 12/04/2019 12/04/2019 | | Buy Buy | 46,739 54,020 | 12,947 14,964 | 12,947 14,964 |
| 15/04/2019 | | Buy | 8,743 | 2,422 | 2,422 |
| 15/04/2019 | | Buy | 10,104 | 2,799 | 2,799 |
| 30/04/2019 | | Buy | 139,237 | 35,790 | 35,790 |
| 06/05/2019 | as above | Sell | 144,987 | - 36,001 | 36,001 |
| 06/05/2019 | | Sell | 7,257 | - 1,802 | 1,802 |
| 06/05/2019 | | Sell | 160,568 | - 39,870 | 39,870 |
| 06/05/2019 | | Sell | 119,176 | - 29,592 | 29,592 |
| 06/05/2019 06/05/2019 | | Sell Sell | 56,257 - 38,775 - | - 13,969 - 9,628 | 13,969 9,628 |
| 06/05/2019 | | Sell | 78,383 | - 19,463 | 19,463 |
| 07/05/2019 | | Sell | 391,591 | - 98,217 | 98,217 |
| 07/05/2019 | | Sell | 290,708 | - 72,914 | 72,914 |
| 07/05/2019 | | Sell | 137,153 | - 34,400 | 34,400 |
| 07/05/2019 | | Sell | 190,989 | - 47,903 | 47,903 |
| 07/05/2019 | | Sell | 94,416 | - 23,681 | 23,681 |
| 07/05/2019 07/05/2019 | | Sell Sell | 17,722 - 353,320 - | - 4,445 - 88,618 | 4,445 88,618 |
| 08/05/2019 | | Sell | 152,200 | - 39,149 | 39,149 |
| 09/05/2019 | | Sell | 2,435 | - 618 | 618 |
| 09/05/2019 | | Sell | 1,808 | - 459 | 459 |
| 09/05/2019 | | Sell | 855 - | - 217 | 217 |
| 09/05/2019 | | Sell | 1,190 | - 302 | 302 |
| 09/05/2019 | | Sell | 587 | - 149 | 149 |
| 09/05/2019 09/05/2019 | | Sell Sell | 110 - 2,199 - | - 28 - 558 | 28 558 |
| 10/05/2019 | | Sell | 402,250 | - 556 - 101,586 | 101,586 |
| 10/05/2019 | | Sell | 298,633 | - 75,418 | 75,418 |
| 10/05/2019 | | Sell | 140,894 | - 35,582 | 35,582 |
| 10/05/2019 | as above | Sell | 196,195 | - 49,548 | 49,548 |
| 10/05/2019 | | Sell | 96,993 | - 24,495 | 24,495 |
| 10/05/2019 | | Sell | 18,207 | | 4,598 |
| 10/05/2019 | | Sell | 362,954 | - 91,662 | 91,662 |
| 13/05/2019 13/05/2019 | | Sell Sell | 60,852 - 186,627 - | - 15,371 - 47,141 | 15,371 47,141 |
| 13/05/2019 | | Sell | 227,035 | - 57,348 | 57,348 |
| 13/05/2019 | | Sell | 116,023 | - 29,307 | 29,307 |
| 13/05/2019 | | Sell | 88,014 | - 22,232 | 22,232 |
| 13/05/2019 | | Sell | 11,449 | - 2,892 | 2,892 |
| 13/05/2019 | | Sell | 251,925 | - 63,635 | 63,635 |
| 14/05/2019 | | Sell | 71,889 | - 18,179 55,752 | 18,179 |
| 14/05/2019 14/05/2019 | | Sell Sell | 220,471 - 268,210 - | - 55,752 - 67,824 | 55,752 67,824 |
| 14/05/2019 | | Sell | 137,071 | - 67,824 - 34,662 | 34,662 |
| 14/05/2019 | | Sell | 103,976 | - 26,293 | 26,293 |
| 14/05/2019 | as above | Sell | 13,528 | - 3,421 | 3,421 |
| 14/05/2019 | as above | Sell | 297,616 | - 75,260 | 75,260 |
| 15/05/2019 | | Sell | 71,981 - | - 18,166 | 18,166 |
| 15/05/2019 | | Sell | 220,753 | - 55,712 | 55,712 |
| 15/05/2019 15/05/2019 | | Sell Sell | 268,556 - 137,246 - | - 67,776 - 34,637 | 67,776 34,637 |
| 15/05/2019 15/05/2019 | | Sell | 137,246 - | - 34,637 - 26,274 | 34,637 26,274 |
| 15/05/2019 | | Sell | 13,547 | - 3,419 | 3,419 |
| 15/05/2019 | | Sell | 297,992 | - 75,205 | 75,205 |
| 15/05/2019 | | Buy - Transfer | 2,617,984 | 661,107 | 661,107 |
| 16/05/2019 | | Sell | 289,722 | - 72,853 | 72,853 |
| 16/05/2019 | | Sell | 190,214 | - 47,831 | 47,831 |
| 16/05/2019 | | Sell | 136,496 | - 34,323 | 34,323 |
| 16/05/2019 | | Sell Sell | 352,245 | - 88,575 23,769 | 88,575 |
| 16/05/2019 16/05/2019 | | Sell | 94,521 - 17,613 - | - 23,768 - 4,429 | 23,768 4,429 |
| 16/05/2019 | | Sell | 391,281 | - 4,429 - 98,391 | 98,391 |
| 10/00/2013 | | | 301,201 | 30,001 | 00,001 |

| Date of Change | Holder of relevant interest | Nature of Change | Consideration | Number of Securities | Person's Votes Affected |
|--------------------------|-----------------------------|------------------|--------------------------------------|-------------------------|-----------------------------|
| 17/05/2019 | | Sell | 104,927 - | 26,464 | 26,464 |
| 17/05/2019 | | Sell | 13,560 - | 3,420 | 3,420 |
| 17/05/2019 | as above | Sell | 300,995 - | 75,915 | 75,915 |
| 17/05/2019 | | Sell | 222,300 - | 56,067 | 56,067 |
| 17/05/2019 | as above | Sell | 72,692 - | 18,334 | 18,334 |
| 17/05/2019 | as above | Sell | 146,273 - | 36,892 | 36,892 |
| 20/05/2019 | | Sell | 82,067 - | 20,712 | 20,712 |
| 20/05/2019 | | Sell | 10,607 - | 2,677 | 2,677 |
| 20/05/2019 | | Sell | 235,420 - | 59,415 | 59,415 |
| 20/05/2019 | | Sell | 173,870 - | 43,881 | 43,881 |
| 20/05/2019 | | Sell | 56,855 - | 14,349 | 14,349 |
| 20/05/2019 21/05/2019 | | Sell Sell | 114,407 - 339,385 - | 28,874 | 28,874 |
| 21/05/2019 | | Sell | 250,812 - | 84,401 62,374 | 84,401 62,374 |
| 21/05/2019 | | Sell | 40,685 - | 10,118 | 10,118 |
| 21/05/2019 | | Sell | 118,337 - | 29,429 | 29,429 |
| 21/05/2019 | | Sell | 82,115 - | 20,421 | 20,421 |
| 21/05/2019 | | Sell | 164,479 - | 40,904 | 40,904 |
| 21/05/2019 | | Sell | 304,896 - | 75,824 | 75,824 |
| 21/05/2019 | | Sell | 15,381 - | 3,825 | 3,825 |
| 21/05/2019 | as above | Buy | 146,792 | 36,571 | 36,571 |
| 21/05/2019 | | Buy - Transfer | 1,384,491 | 349,619 | 349,619 |
| 22/05/2019 | as above | Sell | 207,539 - | 52,269 | 52,269 |
| 22/05/2019 | | Sell | 153,388 - | 38,631 | 38,631 |
| 22/05/2019 | | Sell | 24,884 - | 6,267 | 6,267 |
| 22/05/2019 | | Sell | 72,368 - | 18,226 | 18,226 |
| 22/05/2019 | | Sell | 50,220 - | 12,648 | 12,648 |
| 22/05/2019 | | Sell | 100,591 - | 25,334 | 25,334 |
| 22/05/2019 | | Sell | 186,459 - | 46,960 | 46,960 |
| 22/05/2019 23/05/2019 | | Sell Sell | 9,406 - | 2,369 | 2,369 |
| 23/05/2019 | | Sell | 560,531 - 648,627 - | 142,647 165,066 | 142,647 165,066 |
| 24/05/2019 | | Sell | 22,645 - | 5,770 | 5,770 |
| 24/05/2019 | | Sell | 26,205 - | 6,677 | 6,677 |
| 27/05/2019 | | Sell | 124,248 - | 26,080 | 26,080 |
| 27/05/2019 | | Sell | 240,382 - | 50,457 | 50,457 |
| 27/05/2019 | | Sell | 980,357 - | 205,780 | 205,780 |
| 27/05/2019 | as above | Sell | 762,566 - | 160,065 | 160,065 |
| 27/05/2019 | as above | Sell | 700,875 - | 147,116 | 147,116 |
| 27/05/2019 | as above | Sell | 49,813 - | 10,456 | 10,456 |
| 27/05/2019 | as above | Sell | 7,099 - | 1,490 | 1,490 |
| 27/05/2019 | | Sell | 91,375 - | 19,180 | 19,180 |
| 27/05/2019 | | Sell | 528,987 - | 111,036 | 111,036 |
| 27/05/2019 | | Sell | 1,486,752 - | 312,074 | 312,074 |
| 27/05/2019 | | Sell | 163,633 - | 34,347 | 34,347 |
| 27/05/2019 | | Sell | 21,867 - | 4,590 | 4,590 |
| 27/05/2019 | | Sell | 315,250 - 486,700 - | 66,172 | 66,172 |
| 27/05/2019 27/05/2019 | | Sell Sell | 659,461 - | 102,160 138,423 | 102,160 138,423 |
| 27/05/2019 | | Sell | 2,014,876 - | 422,929 | 422,929 |
| 27/05/2019 | | Sell | 1,810,691 - | 380,070 | 380,070 |
| 27/05/2019 | | Sell | 9,557 - | 2,006 | 2,006 |
| 27/05/2019 | | Sell | 12,163 - | 2,553 | 2,553 |
| 27/05/2019 | | Sell | 99,715 - | 20,774 | 20,774 |
| 27/05/2019 | | Sell | 192,917 - | 40,191 | 40,191 |
| 27/05/2019 | as above | Sell | 786,782 - | 163,913 | 163,913 |
| 27/05/2019 | as above | Sell | 611,995 - | 127,499 | 127,499 |
| 27/05/2019 | | Sell | 562,488 - | 117,185 | 117,185 |
| 27/05/2019 | | Sell | 39,979 - | 8,329 | 8,329 |
| 27/05/2019 | | Sell | 5,693 - | 1,186 | 1,186 |
| 27/05/2019 | | Sell | 73,334 - | 15,278 | 15,278 |
| 27/05/2019 | | Sell | 424,536 - | 88,445 | 88,445 |
| 27/05/2019 | | Sell | 1,193,194 - | 248,582 | 248,582 |
| 27/05/2019 | | Sell | 131,323 - | 27,359 | 27,359 |
| 27/05/2019 27/05/2019 | | Sell Sell | 17,549 - | 3,656 | 3,656 |
| 27/05/2019 | | Sell | 253,003 - 390,605 - | 52,709 81,376 | 52,709 81,376 |
| 77/05/70191 | as abuve | Sell | 529,248 - | 110,260 | 110,260 |
| | as ahove | | | | 110,200 |
| 27/05/2019 | | | | , | 336 883 |
| 27/05/2019 27/05/2019 | as above | Sell | 1,617,034 - | 336,882 | 336,882 302,744 |
| 27/05/2019 | as above as above | | | , | 336,882 302,744 1,598 |

Total Number of Securities

-7,166,767

This is page 1 of 4 of Annexure 2 referred to in ASIC Form 604 - Notice of change of interests of Substantial Holder



Andrew Brown - Company Secretary of Challenger Limited

| Company Name | ACN / Company No. | Country of Incorporation |
|---|----------------------|--------------------------|
| 255 FINANCE GROUP PTY LTD | 628 853 056 | AUSTRALIA |
| 255 FINANCE INVESTMENTS PTY LTD | 164 516 401 | AUSTRALIA |
| 255 FINANCE PTY LTD | 168 112 507 | AUSTRALIA |
| ACCURIUM HOLDINGS PTY LTD | 158 242 936 | AUSTRALIA |
| ACCURIUM PTY LTD | 009 492 219 | AUSTRALIA |
| AGRICULTURAL ASSET MANAGEMENT LIMITED | 08953424 | ENGLAND/WALES |
| ALPHINITY INVESTMENT MANAGEMENT PTY LTD | 140 833 709 | AUSTRALIA |
| APPIA EUROPE LIMITED | 6490323 | ENGLAND/WALES |
| APPIA FINANCE 2 LIMITED | 6538054 | ENGLAND/WALES |
| APPIA FINANCE LIMITED | 6490331 | ENGLAND/WALES |
| APPIA GROUP LIMITED | 99865 | JERSEY |
| APPIA INVESTMENTS LIMITED | 6490313 | ENGLAND/WALES |
| ARDEA INVESTMENT MANAGEMENT PTY LTD | 132 902 722 | AUSTRALIA |
| AVENIR CAPITAL PTY LTD | 150 790 355 | AUSTRALIA |
| BENTHAM ASSET MANAGEMENT PTY LTD | 140 833 674 | AUSTRALIA |
| CDPG AUSTRALIA PTY LIMITED | 124 498 095 | AUSTRALIA |
| CDPG LUXEMBOURG HOLDINGS SARL | B 127717 | LUXEMBOURG |
| CDPG LUXEMBOURG II SARL | B 127580 | LUXEMBOURG |
| CDPG LUXEMBOURG SARL | B 127515 | LUXEMBOURG |
| CDPG MALTA LIMITED | C 41110 | MALTA |
| CESCADE PTY LIMITED | 096 097 399 | AUSTRALIA |
| CHALLENGER DIRECT PTY LTD | 006 475 501 | AUSTRALIA |
| CHALLENGER DIVERSIFIED PROPERTY DEVELOPMENT PTY LIMITED | 121 624 833 | AUSTRALIA |
| CHALLENGER DPG FRANCE II SAS | 495 391 062 | FRANCE |
| CHALLENGER EMERGING MARKET INFRASTRUCTURE FUND PTE. LTD | 200804361D | SINGAPORE |
| CHALLENGER EMERGING MARKET INFRASTRUCTURE FUND, L.P. | | CAYMAN ISLANDS |
| CHALLENGER FINANCIAL SERVICES PTY LIMITED | 087 464 131 | AUSTRALIA |
| CHALLENGER FM 2 HOLDINGS PTY LIMITED | 080 036 657 | AUSTRALIA |
| CHALLENGER FUNDS MANAGEMENT HOLDINGS PTY LIMITED | 107 728 030 | AUSTRALIA |
| CHALLENGER GROUP HOLDINGS LIMITED | 002 993 302 | AUSTRALIA |
| CHALLENGER GROUP PTY LIMITED | 003 374 196 | AUSTRALIA |
| CHALLENGER GROUP SERVICES (UK) LIMITED | 04244127 | ENGLAND/WALES |
| CHALLENGER GROUP SERVICES PTY. LTD. | 085 657 307 | AUSTRALIA |
| CHALLENGER HOLDING VAGYONKEZELO KFT | 01-09-879644 | HUNGARY |
| CHALLENGER HOME LOAN CORPORATION PTY LTD | 058 891 302 | AUSTRALIA |
| CHALLENGER INVENTORY FINANCE SERVICING PTY LIMITED | 107 706 810 | AUSTRALIA |
| CHALLENGER INVESTMENT PARTNERS LIMITED | 092 382 842 | AUSTRALIA |
| CHALLENGER INVESTMENT SOLUTIONS MANAGEMENT PTY LTD | 130 035 353 | AUSTRALIA |
| CHALLENGER JAPAN HOLDINGS KABUSHIKI KAISHA | 0100-01-182399 | JAPAN |
| CHALLENGER JAPAN HOLDINGS PTY LIMITED | 617 208 205 | AUSTRALIA |
| CHALLENGER JAPAN KABUSHIKI KAISHA | 0100-01-182920 | |
| CHALLENGER KABUSHIKI KAISHA | 0100-01-182872 | |
| CHALLENGER LBC TERMINALS HOLDING COMPANY LIMITED | C41149 | MALTA |

This is page 2 of 4 of Annexure 2 referred to in ASIC Form 604 - Notice of change of interests of Substantial Holder



Andrew Brown - Company Secretary of Challenger Limited

| Company Name | ACN / Company No. | Country of Incorporation |
|--|----------------------|--------------------------|
| CHALLENGER LBC TERMINALS LIMITED | C41150 | MALTA |
| CHALLENGER LIFE CDI NOMINEES PTY LTD | 055 293 644 | AUSTRALIA |
| CHALLENGER LIFE COMPANY HOLDINGS PTY LTD | 006 381 193 | AUSTRALIA |
| CHALLENGER LIFE COMPANY LIMITED | 072 486 938 | AUSTRALIA |
| CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED | 07626067 | ENGLAND/WALES |
| CHALLENGER LIFE FUND PROPERTY INVESTMENTS PTY LTD | 161 212 693 | AUSTRALIA |
| CHALLENGER LIFE INVESTMENTS UK LIMITED | 6067787 | ENGLAND/WALES |
| CHALLENGER LIFE NOMINEES NO.2 PTY LTD | 078 627 013 | AUSTRALIA |
| CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED | 151 482 147 | AUSTRALIA |
| CHALLENGER LIFE NOMINEES PTY LTD | 091 336 793 | AUSTRALIA |
| CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED | 099 742 122 | AUSTRALIA |
| CHALLENGER LIMITED | 106 842 371 | AUSTRALIA |
| CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED | 120 871 212 | AUSTRALIA |
| CHALLENGER MANAGEMENT SERVICES (UK) LIMITED | 06393787 | ENGLAND/WALES |
| CHALLENGER MARGIN LENDING PTY LTD | 091 338 822 | AUSTRALIA |
| CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD | WK-209744 | CAYMAN ISLANDS |
| CHALLENGER MBK FUND MANAGEMENT PTE. LTD | 200804360M | SINGAPORE |
| CHALLENGER MORTGAGE MANAGEMENT PTY LTD | 087 271 109 | AUSTRALIA |
| CHALLENGER NON-CONFORMING FINANCE PTY LTD | 107 725 486 | AUSTRALIA |
| CHALLENGER ORIGINATOR FINANCE PTY LTD | 095 085 466 | AUSTRALIA |
| CHALLENGER PROPERTY ASSET MANAGEMENT PTY LTD | 077 569 021 | AUSTRALIA |
| CHALLENGER RETIREMENT AND INVESTMENT SERVICES LIMITED | 115 534 453 | AUSTRALIA |
| CHALLENGER SECURITISATION MANAGEMENT PTY LTD | 100 346 898 | AUSTRALIA |
| CHALLENGER SKYBRIDGE (GROUP) HOLDING COMPANY PTY LTD | 130 888 327 | AUSTRALIA |
| CHALLENGER SKYBRIDGE (HASTINGS) HOLDING COMPANY PTY LTD | 130 888 274 | AUSTRALIA |
| CHALLENGER SPECIAL SERVICING PTY LTD | 107 707 415 | AUSTRALIA |
| CHALLENGER SPECIALISED FINANCE NO.2 PTY LTD | 168 107 355 | AUSTRALIA |
| CHALLENGER TREASURY LIMITED | 093 307 996 | AUSTRALIA |
| CHALLENGER UK TERMINALS LIMITED | 95751 | JERSEY |
| CHALLENGER WHOLESALE FINANCE HOLDINGS PTY LIMITED | 087 284 240 | AUSTRALIA |
| CHALLENGER WIND HOLDINGS PTY LIMITED | 151 496 061 | AUSTRALIA |
| CLS US HOLDINGS, LLC | 5302598 | UNITED STATES |
| CPHIC INVESTMENTS PTY LTD | 093 340 526 | AUSTRALIA |
| CSPP1 MAITLAND PTY LTD | 122 460 968 | AUSTRALIA |
| CSPP1 MAVIS COURT PTY LTD | 122 461 983 | AUSTRALIA |
| EIGER CAPITAL PTY LIMITED | 631 838 607 | AUSTRALIA |
| FIDANTE PARTNERS (GUERNSEY) LIMITED | 40288 | GUERNSEY |
| FIDANTE PARTNERS ALPHINITY HOLDINGS PTY LTD | 140 716 016 | AUSTRALIA |
| FIDANTE PARTNERS ARDEA HOLDINGS PTY LTD | 133 865 853 | AUSTRALIA |
| FIDANTE PARTNERS ARETE HOLDINGS PTY LTD | 143 836 373 | AUSTRALIA |
| FIDANTE PARTNERS AVENIR CAPITAL HOLDINGS PTY LTD | 616 504 502 | AUSTRALIA |
| FIDANTE PARTNERS BENTHAM HOLDINGS PTY LTD | 140 715 573 | AUSTRALIA |
| FIDANTE PARTNERS EIGER HOLDINGS PTY LIMITED | 631 837 360 | AUSTRALIA |

This is page 3 of 4 of Annexure 2 referred to in ASIC Form 604 - Notice of change of interests of Substantial Holder



Andrew Brown - Company Secretary of Challenger Limited

| Company Name | ACN / Company No. | Country of Incorporation |
|--|----------------------|--------------------------|
| FIDANTE PARTNERS EUROPE LIMITED | 04040660 | ENGLAND/WALES |
| FIDANTE PARTNERS FME HOLDINGS LIMITED | 11410594 | UNITED KINGDOM |
| FIDANTE PARTNERS GP US LLC | 5651702 | UNITED STATES |
| FIDANTE PARTNERS HOLDINGS (GUERNSEY) LIMITED | 43315 | GUERNSEY |
| FIDANTE PARTNERS HOLDINGS EUROPE LIMITED | 06172534 | ENGLAND/WALES |
| FIDANTE PARTNERS HOLDINGS PTY LIMITED | 123 318 650 | AUSTRALIA |
| FIDANTE PARTNERS INVESTMENT FUNDS PUBLIC LIMITED COMPANY | 533320 | IRELAND |
| FIDANTE PARTNERS KAPSTREAM HOLDINGS PTY LIMITED | 123 319 460 | AUSTRALIA |
| FIDANTE PARTNERS LATIGO HOLDINGS LLC | 5651705 | UNITED STATES |
| FIDANTE PARTNERS LENNOX HOLDINGS PTY LIMITED | 616 975 565 | AUSTRALIA |
| FIDANTE PARTNERS LIMITED | 002 835 592 | AUSTRALIA |
| FIDANTE PARTNERS MERLON HOLDINGS PTY LTD | 140 715 662 | AUSTRALIA |
| FIDANTE PARTNERS METISQ HOLDINGS PTY LTD | 143 376 961 | AUSTRALIA |
| FIDANTE PARTNERS NOVAPORT HOLDINGS PTY LTD | 140 715 797 | AUSTRALIA |
| FIDANTE PARTNERS R&M HOLDINGS PTY LIMITED | 152 375 436 | AUSTRALIA |
| FIDANTE PARTNERS SERVICES LIMITED | 119 605 373 | AUSTRALIA |
| FIDANTE PARTNERS TEMPO HOLDINGS PTY LTD | 167 321 262 | AUSTRALIA |
| FIDANTE PARTNERS USA LLC | 81-4925448 | UNITED STATES |
| FIDANTE PARTNERS WAVESTONE HOLDINGS PTY LIMITED | 133 626 276 | AUSTRALIA |
| FIDANTE PARTNERS WHITEHELM HOLDINGS PTY LTD | 169 043 903 | AUSTRALIA |
| FIDANTE PARTNERS WYETREE LIMITED | 09387239 | ENGLAND/WALES |
| GASVALPO S.A. | 96.960.800-6 | CHILE |
| GREENCAPE CAPITAL PTY LTD | 120 328 529 | AUSTRALIA |
| GV CAYMAN COMPANY LIMITED | OG-206918 | CAYMAN ISLANDS |
| GV CHILE HOLDING LIMITADA | 124311723611675 | CHILE |
| GV CHILE LIMITADA | 124301725311696 | CHILE |
| GV JERSEY HOLDING COMPANY LIMITED | 100293 | JERSEY |
| GV JERSEY TRUSTEE COMPANY LIMITED | 100294 | JERSEY |
| GV JERSEY TRUSTEE COMPANY NO. 2 LIMITED | 100367 | JERSEY |
| HOWARD COMMERCIAL LENDING PTY LTD | 000 033 143 | AUSTRALIA |
| KUDU INVESTMENT MANAGEMENT LLC | 1231609 | UNITED STATES |
| KUDU INVESTMENT PARTNERS I, LP | 47-2497501 | UNITED STATES |
| KUDU INVESTMENTS GP LLC | 1244682 | UNITED STATES |
| LANV PTY LTD | 147 224 502 | AUSTRALIA |
| LBC TANK TERMINALS (JERSEY) LIMITED | 97371 | JERSEY |
| LEASE COLLATERAL NO.2 PTY LTD | 168 112 481 | AUSTRALIA |
| LEASE COLLATERAL PTY LTD | 168 112 472 | AUSTRALIA |
| LEASE FUNDING MANAGEMENT PTY LTD | 168 112 490 | AUSTRALIA |
| LENNOX CAPITAL PARTNERS PTY LIMITED | 617 001 966 | AUSTRALIA |
| MAITLAND NOMINEE HOLDINGS PTY LIMITED | 122 853 114 | AUSTRALIA |
| MAWBURY PTY LIMITED | 096 097 479 | AUSTRALIA |
| MERLON CAPITAL PARTNERS PTY LTD | 140 833 683 | AUSTRALIA |
| METISQ CAPITAL HOLDINGS PTY LTD | 158 011 351 | AUSTRALIA |

This is page 4 of 4 of Annexure 2 referred to in ASIC Form 604 - Notice of change of interests of Substantial Holder



Andrew Brown - Company Secretary of Challenger Limited

| Company Name | ACN / Company No. | Country of Incorporation |
|---|----------------------|--------------------------|
| METISQ CAPITAL PTY LTD | 104 642 613 | AUSTRALIA |
| METISQ LIBRA GREATER CHINA EQUITY FUND LTD. | WK-237319 | CAYMAN ISLANDS |
| MIR GREATER CHINA PTE LTD | 200715836D | SINGAPORE |
| MIR LIBRA CAPITAL MANAGEMENT LTD | 236748 | CAYMAN ISLANDS |
| NOVAPORT CAPITAL PTY LTD | 140 833 656 | AUSTRALIA |
| OAKLANDS HILL PTY LTD | 149 814 559 | AUSTRALIA |
| OAKLANDS HILL WIND FARM PTY LTD | 126 595 935 | AUSTRALIA |
| OFFSHORE REINSURER (BERMUDA) COMPANY LIMITED | 51746 | BERMUDA |
| OIKOS STORAGE LIMITED | 315280 | ENGLAND/WALES |
| RESIDENTIAL REAL ESTATE TOTAL RETURN OPPORTUNITIES FUND LTD. | 212456 | CAYMAN ISLANDS |
| RESIDENTIAL REAL ESTATE TOTAL RETURN OPPORTUNITIES MASTER FUND L.P. | 27263 | CAYMAN ISLANDS |
| RESONANCE ASSET MANAGEMENT LIMITED | 09028327 | ENGLAND/WALES |
| SABRAND LIMITED | 126677 | CYPRUS |
| STRUCTURED CREDIT RESEARCH LLP | OC328062 | ENGLAND/WALES |
| TEMPO ASSET MANAGEMENT PTY LTD | 167 321 637 | AUSTRALIA |
| THE LIBERTY GROUP CONSORTIUM PTY LTD | 082 564 289 | AUSTRALIA |
| TLG SERVICES PTY LIMITED | 092 500 608 | AUSTRALIA |
| TLGH PTY LIMITED | 092 927 467 | AUSTRALIA |
| TRE DATA CENTRES CANBERRA PTY LTD | 141 881 227 | AUSTRALIA |
| US LLC HOLDINGS PTY LTD | 130 888 292 | AUSTRALIA |
| US LLC INVESTMENTS LLC | 36-4811214 | UNITED STATES |
| WATER VENTURES LIMITED | 09592184 | ENGLAND/WALES |
| WATERFORD COUNTY PTY LIMITED | 122 853 089 | AUSTRALIA |
| WAVESTONE CAPITAL PTY LIMITED | 120 179 419 | AUSTRALIA |
| WELCOME BREAK CAYMAN LIMITED | FC027450 | CAYMAN ISLANDS |
| WELCOME BREAK GROUP HOLDINGS LIMITED | FC027451 | CAYMAN ISLANDS |
| WELCOME BREAK GROUP LIMITED | 03147949 | ENGLAND/WALES |
| WELCOME BREAK HOLDINGS (1) LIMITED | 04099287 | ENGLAND/WALES |
| WELCOME BREAK HOLDINGS (2) LIMITED | 04379574 | ENGLAND/WALES |
| WELCOME BREAK HOLDINGS LIMITED | 03290817 | CAYMAN ISLANDS |
| WELCOME BREAK LIMITED | 01735476 | ENGLAND/WALES |
| WELCOME BREAK NO.1 LIMITED | 08331837 | ENGLAND/WALES |
| WELCOME BREAK NO.2 LIMITED | 08331870 | ENGLAND/WALES |
| WELCOME BREAK NO.3 LIMITED | 08331918 | ENGLAND/WALES |
| WELCOME BREAK SERVICES LIMITED | 04099292 | ENGLAND/WALES |
| WYETREE FUNDS PLC | 520464 | IRELAND |