

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

19 July 2018

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

By electronic lodgement

Dear Sir/Madam

### Re: Notice of initial substantial holder - Monadelphous Group Limited (MND)

We attach a notice of initial substantial holder in Monadelphous 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

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## Form 603

Corporations Act 2001 Section 671B

## Notice of initial substantial holder

To CompanyName/Scheme	Monadelphous Group Limited
ACN/ARSN	008 988 547
1. Details of substantial holder (1) Name	Challenger Limited (and its entities listed in Annexure 2)
ACN/ARSN (if applicable)	106 842 371
The holder became a substantial holder on	17/07/2018

#### 2. Details of 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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	erson's votes (5) Voting power (6)	
Ordinary Fully Paid	Same as persons votes	4,934,172	5.24%

### 3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities	
Challenger Limited (and its entities listed in Annexure 2)	Ordinary Fully Paid securities purchased and sold on market and acquired 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).	Refer Annexure 1	

### 4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Challenger Limited (and its entities listed in Annexure 2)	BNP Paribas Nominees Pty Limited	BNP Paribas Nominees Pty Limited	1,259,004 (Ordinary Fully Paid)
Challenger Limited (and its entities listed in Annexure 2)	Citicorp Nominees Pty Limited	Citicorp Nominees Pty Limited	739,465 (Ordinary Fully Paid)
Challenger Limited (and its entities listed in Annexure 2)	J P Morgan Nominees Australia Limited	J P Morgan Nominees Australia Limited	1,822,950 (Ordinary Fully Paid)
Challenger Limited (and its entities listed in Annexure 2)	National Nominees Limited	National Nominees Limited	841,356 (Ordinary Fully Paid)
Challenger Limited (and its entities listed in Annexure 2)	HSBC Custody Nominees (Australia) Limited	HSBC Custody Nominees (Australia) Limited	198,642 (Ordinary Fully Paid)
Challenger Limited (and its entities listed in Annexure 2)	UBS Nominees Pty Limited	UBS Nominees Pty Limited	72,755 (Ordinary Fully Paid)

#### 5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
Refer Annexure 2	Refer	Refer		Refer
	Annexure 1	Annexure 1		Annexure 1

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The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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

#### 7. Addresses

The addresses of persons named in this form are as follows

The addresses of persons named in this form are as follows.				
Name	Address			
Challenger Limited (and its entities listed in Annexure 2)	Level 2, 5 Martin Place, Sydney NSW 2000			

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print name Andrew Brown capacity Company Secretary

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sign here date 19/07/2018

### 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 7 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 section s608 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 total number of votes attached to all the voting shares in the company or voting interests in thescheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
- (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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.

- (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) 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.



Andrew Brown
Company Secretary of Challenger Limited

Transactions:

Company Name/Scheme:

Monadelphous Group Limited (MND)

As at:

17/07/2018

Class of security:

**Ordinary Fully Paid** 

Date of Change	Holder of relevant interest	Nature of Change	Consideration	Number of Securities	Person's Votes Affected
	Challenger Limited (and its				
	entities listed in Annexure				
16/03/2018		Balance carried forward	10.155.10	2,355,786	2,355,786
19/03/2018		Buy	18,475.42	1,188	1,188
19/03/2018		Buy	20,357.18	1,309	1,309
19/03/2018		Buy	98,100.12	6,308	6,308
19/03/2018		Buy	11,088.36	713	713
19/03/2018		Buy	269,868.65	17,353	17,353
19/03/2018		Buy	446,707.03	28,724	28,724
19/03/2018		Buy	6,002.96 23,623.03	386	386
19/03/2018		Buy		1,519	1,519
19/03/2018		Buy	11,194.68	722	722
19/03/2018 19/03/2018	As above	Buy	12,326.55	795	795
		Buy	59,400.04	3,831	3,831
19/03/2018		Buy	6,713.71	433	433
19/03/2018		Buy	163,423.75	10,540	10,540
19/03/2018		Buy	270,501.97	17,446	17,446
19/03/2018		Buy	3,643.70	235	235
19/03/2018		Buy	14,295.70	922	922
20/03/2018		Buy	4,497.18	292	292
20/03/2018		Buy	12,644.47	821	821
20/03/2018		Buy	13,922.78	904	904
20/03/2018	As above	Buy	67,088.06	4,356	4,356
20/03/2018		Buy	7,577.44	492	492
20/03/2018		Buy	184,569.18	11,984	11,984
20/03/2018		Buy	305,500.19	19,836	19,836
20/03/2018		Buy	4,112.15	267	267
20/03/2018		Buy	16,140.56	1,048	1,048
22/03/2018		Buy	11,354.00	739	739
22/03/2018		Buy	31,911.03	2,077	2,077
22/03/2018		Buy	35,137.47	2,287	2,287
22/03/2018		Buy	169,388.10	11,025	11,025
22/03/2018		Buy	19,143.54	1,246	1,246
22/03/2018		Buy	465,990.12	30,330	30,330
22/03/2018		Buy	771,318.89	50,203	50,203
22/03/2018		Buy	10,370.70	675	675
22/03/2018		Buy	40,806.78	2,656	2,656
23/03/2018		Buy	15,268.77	1,006	1,006
23/03/2018		Buy	42,922.54	2,828	2,828
23/03/2018		Buy	47,248.18	3,113	3,113
23/03/2018		Buy	227,771.74	15,007	15,007
23/03/2018		Buy	25,756.56	1,697	1,697
23/03/2018		Buy	626,596.17	41,284	41,284
23/03/2018		Buy	1,037,152.95	68,334	68,334
23/03/2018		Buy	13,948.31	919	919
23/03/2018		Buy	54,837.03	3,613	3,613
27/03/2018		Sell	143,387.02	-9,151	9,151
27/03/2018		Buy	313,233.97	19,975	19,975
27/03/2018		Buy	23,992.39	1,530	1,530
27/03/2018		Buy	67,398.23	4,298	4,298
27/03/2018		Buy	74,203.91	4,732	4,732
27/03/2018		Buy	357,737.50	22,813	22,813
27/03/2018		Buy	40,442.07	2,579	2,579
27/03/2018		Buy	984,142.71	62,759	62,759
27/03/2018	As above	Buy	1,628,957.76	103,879	103,879

	Holder of relevant			Number of	Person's Votes
Date of Change	interest	Nature of Change	Consideration	Securities	Affected
27/03/2018		Buy	21,906.78	1,397	1,397
27/03/2018		Buy	86,121.70	5,492	5,492
28/03/2018 28/03/2018		Buy Buy	339,524.30 25,994.81	21,969 1,682	21,969 1,682
28/03/2018		Buy	73,054.37	4,727	4,727
28/03/2018		Buy	80,426.26	5,204	5,204
28/03/2018		Buy	387,758.42	25,090	25,090
28/03/2018		Buy	43,829.53	2,836	2,836
28/03/2018		Buy	1,066,729.76	69,023	69,023
28/03/2018 28/03/2018		Buy Buy	1,765,653.11 23,738.42	114,247 1,536	114,247 1,536
28/03/2018		Buy	93,346.39	6,040	6,040
28/03/2018		Buy	59,626.71	3,821	3,821
28/03/2018		Buy	4,572.27	293	293
28/03/2018		Buy	12,827.31	822	822
28/03/2018		Buy	14,122.53	905	905
28/03/2018 28/03/2018		Buy Buy	68,100.22 7,693.27	4,364 493	4,364 493
28/03/2018		Buy	187,322.42	12,004	12,004
28/03/2018		Buy	310,055.75	19,869	19,869
28/03/2018	As above	Buy	4,166.54	267	267
28/03/2018	As above	Buy	16,400.86	1,051	1,051
29/03/2018		Buy - Transfer	6,431.98	416	416
29/03/2018 29/03/2018		Buy Buy	56,846.41 4,349.49	3,751 287	3,751 287
29/03/2018		Buy	12,230.09	807	807
29/03/2018		Buy	13,472.80	889	889
29/03/2018		Buy	64,924.02	4,284	4,284
29/03/2018		Buy	7,335.02	484	484
29/03/2018		Buy	178,601.68	11,785	11,785
29/03/2018		Buy	295,628.59	19,507	19,507
29/03/2018 29/03/2018		Buy Buy	3,970.61 15,624.81	262 1,031	262 1,031
29/03/2018		Buy	217,898.04	14,381	14,381
29/03/2018		Buy	16,682.13	1,101	1,101
29/03/2018		Buy	46,894.82	3,095	3,095
29/03/2018		Buy	51,622.18	3,407	3,407
29/03/2018		Buy Buy	248,853.16	16,424 1,857	16,424
29/03/2018 29/03/2018		Buy	28,136.89 684,588.63	45,182	1,857 45,182
29/03/2018		Buy	1,133,157.67	74,787	74,787
29/03/2018		Buy	15,227.56	1,005	1,005
29/03/2018		Buy	59,910.22	3,954	3,954
03/04/2018		Buy	130,376.70	8,706	8,706
03/04/2018 03/04/2018		Buy Buy	9,988.66 28,049.11	667 1,873	667 1,873
03/04/2018		Buy	30,879.48	2,062	2,062
03/04/2018		Buy	148,886.42	9,942	9,942
03/04/2018	As above	Buy	16,832.46	1,124	1,124
03/04/2018		Buy	409,594.90	27,351	27,351
03/04/2018		Buy	677,970.84	45,272	45,272
03/04/2018 03/04/2018		Buy Buy	9,120.08 35,851.35	609 2,394	609 2,394
04/04/2018		Buy	81,082.59	5,425	5,425
04/04/2018		Buy	6,202.63	415	415
04/04/2018	As above	Buy	17,442.10	1,167	1,167
04/04/2018		Buy	19,205.74	1,285	1,285
04/04/2018		Buy	92,606.04	6,196	6,196
04/04/2018 04/04/2018		Buy Buy	10,462.27 254,756.27	700 17,045	700 17,045
04/04/2018		Buy	421,674.32	28,213	28,213
04/04/2018		Buy	5,664.57	379	379
04/04/2018	As above	Buy	22,299.58	1,492	1,492
05/04/2018		Buy	67,005.29	4,353	4,353
05/04/2018		Buy	5,125.84	333	333
05/04/2018 05/04/2018		Buy Buy	14,423.15 15,870.08	937 1,031	937 1,031
05/04/2018		Buy	76,518.11	4,971	4,971
05/04/2018		Buy	8,650.81	562	562
05/04/2018		Buy	210,513.30	13,676	13,676
05/04/2018	As above	Buy	348,433.68	22,636	22,636
05/04/2018		Buy	4,679.44	304	304
05/04/2018 05/04/2018		Buy	18,425.30	1,197 4,644	1,197
05/04/2018	No above	Buy	71,585.87	4,044	4,644

Secretion   Securities   Secu		Holder of relevant			Number of	Person's Votes
Sci-Quizzell Ra actove   Buy   16,589.29   5990		interest	Nature of Change	Consideration		
BSN4/2018   As above			,	,		
Control   Cont						
Control   Cont			,			,
Control   Cont			,			
Control   Cont						
Control   Cont			,			
1996/4/2019   As above   Buy   272,999 81   17,894   17,894   17,894   1996/4/2019   As above   Buy   20,916 66   1,371   3,811   3,811   3,904/2019   As above   Buy   58,782.76   3,861   3,851   3,851   3,851   3,861	05/04/2018	As above	,	5,009.78	325	325
OSPACATORS   As above   Buy   So, 1972, 73   3,851   3,851   3,851   3,951			,			
Deplot/2019   As above   Buy						
0904/2019 As above Buy 311,781 83 20,436 4,239 4,239 6,004/2019 As above Buy 311,781 83 20,436 6,004/2019 As above Buy 36,24.267 2,310 2,310 8,004/2019 As above Buy 86,77,05 17 66,219 5,2310 8,004/2019 As above Buy 1,141,660,00 93,053 93,053 93,053 1,004/2019 As above Buy 1,141,660,00 93,053 93,053 1,004/2019 As above Buy 1,141,660,00 93,053 1,004/2019 As above Buy 1,141,660,00 93,053 1,004/2019 As above Buy 1,044,0019 As above Buy 1,			,			
OSIOWACTES   As above   Buy   \$31,781.83   20,436   20,436   20,000   20,						4.239
Boy   35,242.52   2,310   2,310   69/04/2018   As above   Buy   867,705.17   56,219   56,219   69,210   69,04/2018   As above   Buy   1,419,663.09   93,053   93,053   69,047/2018   As above   Buy   1,419,663.09   93,053   93,053   69,047/2018   As above   Buy   75,061.98   4,920   4,920   4,920   1,104/2018   As above   Buy   75,061.98   4,920   4,920   4,920   1,104/2018   As above   Buy   75,061.98   4,920   4,920   4,920   1,104/2018   As above   Buy   75,061.98   4,970   2,980   1,104/2018   As above   Buy   75,061.98   4,970   2,990   1,104/2018   As above   Buy   74,457.20   2,990   2,990   1,104/2018   As above   Buy   13,854.74   112   912   1,104/2018   As above   Buy   75,502.3   4,977   4,397   1,104/2018   As above   Buy   75,502.3   4,977   4,397   1,104/2018   As above   Buy   183,772.79   12,097   1,2097   1,104/2018   As above   Buy   183,772.79   12,097   1,097			,			
G904/2016   As above			Buy	35,242.52	2,310	2,310
1990   April   As above   Buy   19,085,88   1,251   1,251   1,251   1,251   1,251   1,251   1,261			,			
1004/2018   As above   Buy   75,061,98   4,920   4,920   1,104/2018   As above   Buy   4,481,52   295   295   295   1,104/2018   As above   Buy   4,481,52   295   295   1,104/2018   As above   Buy   1,276,04   828   828   828   1,104/2018   As above   Buy   1,3854,74   912   912   912   912   913   914   914   915						93,053
11/04/2018   As above   Buy   58,487,66   3,850   3,850   1,04/2018   As above   Buy   4,481,52   295   295   295   11/04/2018   As above   Buy   12,678,674   828   828   11/04/2018   As above   Buy   13,854,74   912   912   912   11/04/2018   As above   Buy   66,797,47   4,397   4,397   1,04/2018   As above   Buy   7,550,23   497   4,497   11/04/2018   As above   Buy   183,772,79   12,097   12,097   11/04/2018   As above   Buy   183,772,79   12,097   12,097   11/04/2018   As above   Buy   304,196,60   20,024   20,024   20,024   11/04/2018   As above   Buy   4,086,54   269   269   269   11/04/2018   As above   Buy   4,086,54   269   269   269   11/04/2018   As above   Buy   70,325,74   4,699   1,699   1,099						
1104/2018   As above   Buy   1,276.84   828   828   828   1104/2018   As above   Buy   12,767.84   828   828   828   1104/2018   As above   Buy   13,854.74   912   912   912   912   912   914   91			,			
11104/2018   As above   Buy   12,678.64   828   828   1104/2018   As above   Buy   13,884.74   912   912   912   9114   914   914   915   914   915						
11/04/2018 As above			Buy			
11/04/2018 As above						
11/04/2018 As above						
11/04/2018   As above   Buy   304,196.60   20,024   20,024     11/04/2018   As above   Buy   4,086.54   269   269     11/04/2018   As above   Buy   16,087.90   1,059   1,059     12/04/2018   As above   Buy   70,325,74   4,659   4,659     12/04/2018   As above   Buy   5,388.77   357   357     12/04/2018   As above   Buy   15,139.88   1,003   1,003     12/04/2018   As above   Buy   16,664.44   1,104   1,104     12/04/2018   As above   Buy   16,664.44   1,104   1,104     12/04/2018   As above   Buy   80,318.37   5,321   5,321     12/04/2018   As above   Buy   9,086.95   602   602     12/04/2018   As above   Buy   22,033.66   602   602     12/04/2018   As above   Buy   2,086.95   602   602     12/04/2018   As above   Buy   365,696.67   24,227   24,227     12/04/2018   As above   Buy   365,696.67   24,227   24,227     12/04/2018   As above   Buy   4,920.84   326   326     12/04/2018   As above   Buy   19,336.18   1,281   1,281     16/04/2018   As above   Buy   17,573.39   11,015   11,015     16/04/2018   As above   Buy   17,573.39   11,015   11,015     16/04/2018   As above   Buy   17,282.018   843   843     16/04/2018   As above   Buy   17,282.018   843   843     16/04/2018   As above   Buy   36,936.39   2,210   2,370     16/04/2018   As above   Buy   36,936.39   2,210   2,370     16/04/2018   As above   Buy   36,933.39   3,250   3,250     16/04/2018   As above   Buy   36,933.39   3,250   3,250   3,250     16/04/2018   As above   Buy   36,933.39   3,250   3,250   3,250     26/04/2018   As above   Buy   36,933.39   3,250   3,250   3,250     26/04/2018   As above   Buy   36,933.39   3,250   3,250   3,25						
11/04/2018   As above   Buy   16,087.90   1,059   1,059   1,059   1,049   1,047/2018   As above   Buy   16,087.90   1,059   1,059   1,049   1,047/2018   As above   Buy   70,325.74   4,659   4,659   1,049   1,047/2018   As above   Buy   5,388.77   357			,			
11/04/2018   As above   Buy   16,087.90   1,059   1,059   1,059   1,074/2018   As above   Buy   70,325.74   4,659   4,659   1,204/2018   As above   Buy   5,388.77   357   357   357   1,204/2018   As above   Buy   16,139.88   1,003   1,003   1,003   1,004/2018   As above   Buy   16,864.44   1,104   1,104   1,104   1,204   1,204/2018   As above   Buy   80,318.37   5,321   5,321   5,321   1,204/2018   As above   Buy   80,68.95   602   6002   1,204/2018   As above   Buy   220,939.66   14,637   14,837   1,204/2018   As above   Buy   365,696.87   24,227   24,227   1,204/2018   As above   Buy   365,696.87   24,227   24,227   1,204/2018   As above   Buy   4,920.84   3,26   3,26   1,204/2018   As above   Buy   19,336.18   1,281   1,281   1,281   1,204/2018   As above   Buy   167,513.92   11,015   11,015   16,04/2018   As above   Buy   167,513.92   11,015   11,015   16,04/2018   As above   Buy   36,042.49   2,370   2,370   1,004/2018   As above   Buy   36,042.49   2,370   2,370   16,04/2018   As above   Buy   36,042.49   2,370   2,370   1,004/2018   As above   Buy   36,042.49   3,058   3,048   3,0						
1204/2018   As above						
1204/2018   As above						
120/4/2018   As above   Buy   16,664.44   1,104   1,104   1,104   120/4/2018   As above   Buy   9,086.95   602   602   602   120/4/2018   As above   Buy   9,086.95   602   602   602   120/4/2018   As above   Buy   220,939.66   14,637   14,637   120/4/2018   As above   Buy   365,986.87   24,227   24,227   120/4/2018   As above   Buy   365,986.87   24,227   24,227   120/4/2018   As above   Buy   4,920.84   326   326   120/4/2018   As above   Buy   19,336.18   1,281	12/04/2018	As above		5,388.77	357	357
120/4/2018   As above   Buy   9,086   9,062   602   602   120/4/2018   As above   Buy   9,086   9,062   602   602   120/4/2018   As above   Buy   220,039   66   14,637   14,637   14,637   12/04/2018   As above   Buy   365,696.87   24,227   24,227   120/4/2018   As above   Buy   4,920   Ad   326						
120/4/2018   As above   Buy   9,086.95   602   602     120/4/2018   As above   Buy   220.939.66   14,637   14,637     120/4/2018   As above   Buy   365,696.87   24,227   24,227     120/4/2018   As above   Buy   4,920.84   326   326     120/4/2018   As above   Buy   19,336.18   1,281   1,281     160/4/2018   As above   Buy   167,513.92   11,015   11,015     160/4/2018   As above   Buy   12,820.18   843   843     160/4/2018   As above   Buy   36,042.49   2,370   2,370     160/4/2018   As above   Buy   39,692.36   2,610   2,610     160/4/2018   As above   Buy   39,692.36   2,610   2,610     160/4/2018   As above   Buy   191,314.12   12,580   12,580     160/4/2018   As above   Buy   21,625.49   1,422   1,422     160/4/2018   As above   Buy   256,296.33   34,607   34,607     160/4/2018   As above   Buy   57,282   57,282     160/4/2018   As above   Buy   37,133.20   57,282   57,282     160/4/2018   As above   Buy   37,133.20   57,282   57,282     160/4/2018   As above   Buy   46,049.22   3,028   3,028     260/4/2018   As above   Buy   46,049.22   3,028   3,028     250/6/2018   As above   Buy   46,049.22   3,028   3,028     250/6/2018   As above   Buy   561,175.20   38,053   38,053     250/6/2018   As above   Buy   561,175.20   38,053   38,053     250/6/2018   As above   Buy   40,439.88   29,866   29,866     250/6/2018   As above   Buy   38,053   38,053     250/6/2018   As above   Buy   40,439.88   29,866   29,866     250/6/2018   As above   Buy   13,667.95   19,337   19,337     120/6/2018   As above   Buy   38,067.75   3,073   19,337     120/6/2018   As above   Buy   38,067.77   3,073   3,073     120/6/2018   As above   Buy   36,067.95   12,251   12,251     120/6/2018   As above   Buy   36,067.95   19,337   19,337     120/6/2018   As above   Buy   36,067.95   19,488   3,315   3,315     200/6/2018   As above   Buy   44,044.89   3,358						
12/04/2018   As above   Buy   220,939.66   14,637   14,637   12/04/2018   As above   Buy   365,696.87   24,227   24,227   12/04/2018   As above   Buy   4,920.84   326   326   326   12/04/2018   As above   Buy   19,336.18   1,281   1,281   1,281   16,04/2018   As above   Buy   167,513.92   11,015   11,015   16,04/2018   As above   Buy   167,513.92   11,015   11,015   16,04/2018   As above   Buy   12,820.18   843   843   843   843   843   843   844   8						
12/04/2018   As above   Buy   36,696.87   24,227   24,227   12/04/2018   As above   Buy   4,920.84   326   326   12/04/2018   As above   Buy   19,336.18   1,281   1,281   1,281   16/04/2018   As above   Buy   167,513.92   11,015   11,015   16/04/2018   As above   Buy   12,820.18   843   843   16/04/2018   As above   Buy   36,042.49   2,370   2,370   2,370   16/04/2018   As above   Buy   39,692.36   2,610   2,610   16/04/2018   As above   Buy   39,692.36   2,610   2,610   16/04/2018   As above   Buy   191,314.12   12,580   12,580   15/04/2018   As above   Buy   191,314.12   12,580   12,580   15/04/2018   As above   Buy   191,314.12   12,580   12,580   15/04/2018   As above   Buy   17,133.20   57,282   1,422   1,422   1,604/2018   As above   Buy   17,170.01   770						
1204/2018   As above   Buy   4,920,84   326   326   1204/2018   As above   Buy   19,336.18   1,281   1,281   1,281   16,04/2018   As above   Buy   167,513.92   11,015   11,015   16,04/2018   As above   Buy   12,820,18   843   843   843   16,042/2018   As above   Buy   36,042.49   2,370   2,370   2,370   16,04/2018   As above   Buy   39,692.36   2,610   2,610   16,04/2018   As above   Buy   39,692.36   2,610   2,610   16,04/2018   As above   Buy   191,314.12   12,580   12,580   12,580   16,04/2018   As above   Buy   21,625.49   1,422   1,422   16,04/2018   As above   Buy   526,296.33   34,607   34,			,			
16/04/2018   As above   Buy   167,513.92   11,015   11,015   16/04/2018   As above   Buy   12,820.18   843   843   843   16/04/2018   As above   Buy   36,042.49   2,370   2,370   2,370   16/04/2018   As above   Buy   39,692.36   2,610   2,610   16/04/2018   As above   Buy   191,131.4   12,550   12,550   16/04/2018   As above   Buy   191,131.4   12,550   12,550   16/04/2018   As above   Buy   21,625.49   1,422   1,422   1,422   16/04/2018   As above   Buy   556,296.33   34,607   34,607   34,607   16/04/2018   As above   Buy   871,133.20   57,282   57,282   57,282   16/04/2018   As above   Buy   871,133.20   57,282   57,282   16/04/2018   As above   Buy   11,710.11   770   770   770   16/04/2018   As above   Buy   46,049.22   3,028   3,028   26/04/2018   As above   Buy   46,049.22   3,028   3,028   25/05/2018   As above   Buy   561,175.20   38,053   38,053   25/05/2018   As above   Buy   561,175.20   38,053   38,053   25/05/2018   As above   Buy   561,175.20   38,053   38,053   25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   440,439.88   29,866   29,866   25/05/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   203,88.98   14,911   14,911   12/06/2018   As above   Buy   203,88.98   14,911   14,911   12/06/2018   As above   Buy   27,530.11   526   526   2006/2018   As above   Buy   35,622.70   9,918   9,918   12/06/2018   As above   Buy   27,530.11   526   526   2006/2018   As above   Buy   37,530.11   526   526   2006/2018   As above   Buy   31,648.85   731   731   731   2006/2018   As above   Buy   24,451.39   1,708   1						326
16/04/2018   As above   Buy   12,820.18   843   843   843   16/04/2018   As above   Buy   36,042.49   2,370   2,370   2,370   16/04/2018   As above   Buy   39,692.36   2,610   2,610   2,610   16/04/2018   As above   Buy   191,314.12   12,580   12,580   12,580   16/04/2018   As above   Buy   21,625.49   1,422   1,422   16/04/2018   As above   Buy   526,296.33   34,607   34,607   34,607   16/04/2018   As above   Buy   57,282   57,282   57,282   16/04/2018   As above   Buy   77,133.20   57,282   57,282   16/04/2018   As above   Buy   11,710.01   770   7			,			
16/04/2018   As above						
16 04/2018   As above   Buy   39,692.36   2,610   2,610   16 04/2018   As above   Buy   191,314.12   12,580   12,580   12,580   16 04/2018   As above   Buy   21,625.49   1,422   1,422   16 04/2018   As above   Buy   526,296.33   34,607   34,607   34,607   16 04/2018   As above   Buy   57,282   57,282   57,282   57,282   16 04/2018   As above   Buy   11,710.01   770   770   770   770   16 04/2018   As above   Buy   46,049.22   3,028   3,028   26 04/2018   As above   Buy   46,049.22   3,028   3,028   25 05/2018   As above   Buy   561,175.20   38,053   38,053   25 05/2018   As above   Buy   561,175.20   38,053   38,053   25 05/2018   As above   Buy   561,175.20   38,053   38,053   25 05/2018   As above   Buy   222,436.98   19,830   19,830   25 05/2018   As above   Buy   440,439.88   29,866   25/05/2018   As above   Buy   440,439.88   29,866   25/05/2018   As above   Buy   480,667.96   12,251   12,251   12/06/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   232,436.98   14,911   14,911   12/06/2018   As above   Buy   203,389.89   14,911   14,911   12/06/2018   As above   Buy   38,878.77   6,134   6,134   20/06/2018   As above   Buy   57,630.11   526   526   20/06/2018   As above   Buy   7,530.11   526   526   20/06/2018   As above   Buy   51,424.00   10,076   10,076   20/06/2018   As above   Buy   51,424.00   10,076   10,076   20/06/2018   As above   Buy   51,424.00   10,076   10,076   20/06/2018   As above   Buy   44,446.00   10,076   10,076   20/06/2018   As above   Buy   44,446.00   10,076   10,076   20/06/2018   As above   Buy   44,446.00   10,076   10,0			,			
16/04/2018   As above   Buy   19.1314.12   12.580   12.580   16.04/2018   As above   Buy   21.625.49   1.422   1.422   1.422   1.604/2018   As above   Buy   526.296.33   34.607   34.607   34.607   16/04/2018   As above   Buy   871,133.20   57.282   57.282   57.282   16/04/2018   As above   Buy   11.710.01   770   770   770   16/04/2018   As above   Buy   46,049.22   3.028   3.028   3.028   26/04/2018   As above   Buy   46,049.22   3.028   3.028   26/04/2018   As above   Buy   561,175.20   38.603   38.053   25/05/2018   As above   Buy   551,175.20   38.053   38.053   25/05/2018   As above   Buy   551,175.20   38.053   38.053   25/05/2018   As above   Buy   551,175.20   38.053   38.053   25/05/2018   As above   Buy   440,439.88   29.866   29.866   25/05/2018   As above   Buy   440,439.88   29.866   29.866   25/05/2018   As above   Buy   180,667.95   12.251   12.251   12.261   12.06/2018   As above   Buy   260,319.55   19.037   19.037   12/06/2018   As above   Buy   135,622.70   9.918   9.918   12/06/2018   As above   Buy   203,898.98   14.911   14.911   12/06/2018   As above   Buy   38,78.77   6.134   6.134   20.06/2018   As above   Buy   57,530.11   526   526   20.006/2018   As above   Buy   51,673.64   36,161   36,161   20/06/2018   As above   Buy   57,530.11   526   526   20.006/2018   As above   Buy   51,673.64   36,161   36,161   20/06/2018   As above   Buy   51,673.64   36,161   36,161   20/06/2018   As above   Buy   51,673.64   36,161   36,161   20/06/2018   As above   Buy   51,683.97   1,808   1,808   20/06/2018   As above   Buy   47,456.88   3,315   3,315   20/06/2018   As above   Buy   48,288.04   3,358						
16/04/2018   As above   Buy   21,625.49   1,422   1,422   16/04/2018   As above   Buy   526,296.33   34,607   34,607   34,607   16/04/2018   As above   Buy   871,133.20   57,282   57,282   16/04/2018   As above   Buy   11,710.01   770   770   770   16/04/2018   As above   Buy   46,049.22   3,028   3,028   26/04/2018   As above   Sell   415,570.67   -26,035   26,035   25/05/2018   As above   Buy   561,175.20   38,053   38,053   25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   440,439.88   29,866   29,866   25/05/2018   As above   Buy   180,667.95   12,251   12,251   12,261   12/06/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   203,899.98   14,911   14,911   12/06/2018   As above   Buy   233,899.98   14,911   14,911   12/06/2018   As above   Buy   233,899.98   14,911   14,911   12/06/2018   As above   Buy   25,882.97   1,808   1,961   36,161   20/06/2018   As above   Buy   25,882.97   1,808   1,808   20/06/2018   As above   Buy   25,882.97   1,808   1,808   20/06/2018   As above   Buy   27,530.11   526   526   20/06/2018   As above   Buy   24,451.39   1,708   1,808   20/06/2018   As above   Buy   24,451.39   1,708   1,708   20/06/2018   As above   Buy   31,246.00   10,076   10,076   20/06/2018   As above   Buy   34,246.00   3						
16/04/2018   As above   Buy   11,710.01   770   770   770   16/04/2018   As above   Buy   11,710.01   770						1,422
16/04/2018   As above   Buy   46,049.22   3,028   3,028   26,04/2018   As above   Buy   46,049.22   3,028   3,028   26,04/2018   As above   Sell   415,570.67   26,035   26,035   25,035   25,05/2018   As above   Buy   561,175.20   38,053   38,053   25,05/2018   As above   Buy   292,436.98   19,830   19,830   25,05/2018   As above   Buy   440,439.88   29,866   29,866   25,05/2018   As above   Buy   40,439.88   29,866   29,866   25,05/2018   As above   Buy   40,439.88   29,866   29,866   25,05/2018   As above   Buy   180,667.95   12,251   12,251   12,251   12/06/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   315,622.70   9,918   9,918   12/06/2018   As above   Buy   203,898.98   14,911   14,911   12/06/2018   As above   Buy   83,878.77   6,134   6,134   20/06/2018   As above   Buy   83,878.77   6,134   6,134   20/06/2018   As above   Buy   57,530.11   526   526   20/06/2018   As above   Buy   7,530.11   526   526   20/06/2018   As above   Buy   7,530.11   526   526   20/06/2018   As above   Buy   144,246.00   10,076   10,076   20/06/2018   As above   Buy   24,451.39   1,708   1,708   20/06/2018   As above   Buy   3,155   20/06/2018   As above   Buy   47,456.88   3,315   3,315   20/06/2018   As above   Buy   3,262.70   3,262.70   3,263.70					, ,	
16/04/2018   As above   Buy   46,049.22   3,028   3,028   26/04/2018   As above   Sell   415,570.67   -26,035   26,035   25/05/2018   As above   Buy   561,175.20   38,053   38,053   25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   440,439.88   29,866   29,866   25/05/2018   As above   Buy   440,439.88   29,866   29,866   25/05/2018   As above   Buy   260,319.55   19,037   19,037   19,037   12/06/2018   As above   Buy   260,319.55   19,037   19,037   19,037   12/06/2018   As above   Buy   260,319.55   19,037   19,037   12/06/2018   As above   Buy   203,898.98   14,911   14,911   12/06/2018   As above   Buy   23,889.98   14,911   14,911   12/06/2018   As above   Buy   33,878.77   6,134   6,134   20/06/2018   As above   Buy   517,673.64   36,161   36,161   20/06/2018   As above   Buy   517,673.64   36,161   36,161   20/06/2018   As above   Buy   7,530.11   526   526   20/06/2018   As above   Buy   144,246.00   10,076   10,076   20/06/2018   As above   Buy   144,246.00   10,076   10,076   20/06/2018   As above   Buy   144,246.00   10,076   10,076   20/06/2018   As above   Buy   47,456.88   3,315   3,315   20/06/2018   As above   Buy   48,28.04   3,336.52   12,054   12,054   20/06/2018   As above   Buy   48,28.04   3,358   3,358   20/06/						
26/04/2018         As above         Seli         415,570.67         -26,035         26,035           25/05/2018         As above         Buy         561,175.20         38,053         38,053           25/05/2018         As above         Buy         292,436.98         19,830         19,830           25/05/2018         As above         Buy         440,439.88         29,866         29,866           25/05/2018         As above         Buy         180,667.95         12,251         12,251           12/06/2018         As above         Buy         260,319.55         19,037         19,037           12/06/2018         As above         Buy         135,622.70         9,918         9,918           12/06/2018         As above         Buy         203,898.98         14,911         14,911           12/06/2018         As above         Buy         33,878.77         6,134         6,134           20/06/2018         As above         Buy         517,673.64         36,161         36,161           20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         14,246.00         10,076         10,076						
25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   292,436.98   19,830   19,830   25/05/2018   As above   Buy   440,439.88   29,866   29,866   25/05/2018   As above   Buy   180,667.95   12,251   12,261						
25/05/2018         As above         Buy         292,436.98         19,830         19,830           25/05/2018         As above         Buy         440,439.88         29,866         29,866           25/05/2018         As above         Buy         180,667.95         12,251         12,251           12/06/2018         As above         Buy         260,319.55         19,037         19,037           12/06/2018         As above         Buy         135,622.70         9,918         9,918           12/06/2018         As above         Buy         203,898.98         14,911         14,911           12/06/2018         As above         Buy         83,878.77         6,134         6,134           20/06/2018         As above         Buy         517,673.64         36,161         36,161           20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         25,882.97         1,808         1,808           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/201						
25/05/2018 As above         Buy         440,439.88         29,866         29,866           25/05/2018 As above         Buy         180,667.95         12,251         12,251           12/06/2018 As above         Buy         260,319.55         19,037         19,037           12/06/2018 As above         Buy         135,622.70         9,918         9,918           12/06/2018 As above         Buy         203,898.98         14,911         14,911           12/06/2018 As above         Buy         83,878.77         6,134         6,134           20/06/2018 As above         Buy         517,673.64         36,161         36,161           20/06/2018 As above         Buy         7,530.11         526         526           20/06/2018 As above         Buy         7,530.11         526         526           20/06/2018 As above         Buy         144,246.00         10,076         10,076           20/06/2018 As above         Buy         10,464.85         731         731           20/06/2018 As above         Buy         47,456.88         3,315         3,315           20/06/2018 As above         Buy         47,456.88         3,315         3,315           20/06/2018 As above         Buy         173,336.52			,	,	, ,	
12/06/2018         As above         Buy         260,319.55         19,037         19,037           12/06/2018         As above         Buy         135,622.70         9,918         9,918           12/06/2018         As above         Buy         203,898.98         14,911         14,911           12/06/2018         As above         Buy         83,878.77         6,134         6,134           20/06/2018         As above         Buy         517,673.64         36,161         36,161           20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         25,882.97         1,808         1,808           20/06/2018         As above         Buy         144,246.00         10,076         10,076           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018	25/05/2018	As above	Buy		29,866	29,866
12/06/2018         As above         Buy         135,622.70         9,918         9,918           12/06/2018         As above         Buy         203,898.98         14,911         14,911           12/06/2018         As above         Buy         83,878.77         6,134         6,134           20/06/2018         As above         Buy         517,673.64         36,161         36,161           20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         25,882.97         1,808         1,808           20/06/2018         As above         Buy         144,246.00         10,076         10,076           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         24,451.39         1,708         1,708           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018         As above         Buy         173,336.52         12,054         12,054           20/06/2018			,			
12/06/2018         As above         Buy         203,898.98         14,911         14,911           12/06/2018         As above         Buy         83,878.77         6,134         6,134           20/06/2018         As above         Buy         517,673.64         36,161         36,161           20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         25,882.97         1,808         1,808           20/06/2018         As above         Buy         144,246.00         10,076         10,076           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         24,451.39         1,708         1,708           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018         As above         Buy         2,516.50         175         175           20/06/2018         As above         Buy         8,671.14         603         603           20/06/2018         A			,			
12/06/2018 As above       Buy       83,878.77       6,134       6,134         20/06/2018 As above       Buy       517,673.64       36,161       36,161         20/06/2018 As above       Buy       7,530.11       526       526         20/06/2018 As above       Buy       25,882.97       1,808       1,808         20/06/2018 As above       Buy       144,246.00       10,076       10,076         20/06/2018 As above       Buy       10,464.85       731       731         20/06/2018 As above       Buy       47,456.88       3,315       3,315         20/06/2018 As above       Buy       24,451.39       1,708       1,708         20/06/2018 As above       Buy       81,242.17       5,675       5,675         20/06/2018 As above       Buy       173,336.52       12,054       12,054         20/06/2018 As above       Buy       2,516.50       175       175         20/06/2018 As above       Buy       8,671.14       603       603         20/06/2018 As above       Buy       48,288.04       3,358       3,358         20/06/2018 As above       Buy       3,508.72       244       244         20/06/2018 As above       Buy       15,889.90						,
20/06/2018         As above         Buy         517,673.64         36,161         36,161           20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         25,882.97         1,808         1,808           20/06/2018         As above         Buy         144,246.00         10,076         10,076           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         24,451.39         1,708         1,708           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018         As above         Buy         173,336.52         12,054         12,054           20/06/2018         As above         Buy         2,516.50         175         175           20/06/2018         As above         Buy         3,508.72         244         244           20/06/2018         As above         Buy         3,508.72         244         244           20/06/2018						
20/06/2018         As above         Buy         7,530.11         526         526           20/06/2018         As above         Buy         25,882.97         1,808         1,808           20/06/2018         As above         Buy         144,246.00         10,076         10,076           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         24,451.39         1,708         1,708           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018         As above         Buy         173,336.52         12,054         12,054           20/06/2018         As above         Buy         2,516.50         175         175           20/06/2018         As above         Buy         8,671.14         603         603           20/06/2018         As above         Buy         48,288.04         3,358         3,358           20/06/2018         As above         Buy         3,508.72         244         244           20/06/2018         As above<					,	
20/06/2018         As above         Buy         144,246.00         10,076         10,076           20/06/2018         As above         Buy         10,464.85         731         731           20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         24,451.39         1,708         1,708           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018         As above         Buy         173,336.52         12,054         12,054           20/06/2018         As above         Buy         2,516.50         175         175           20/06/2018         As above         Buy         8,671.14         603         603           20/06/2018         As above         Buy         48,288.04         3,358         3,358           20/06/2018         As above         Buy         3,508.72         244         244           20/06/2018         As above         Buy         15,889.90         1,105         1,105           20/06/2018         As above         Buy         8,182.22         569         569	20/06/2018	As above	,	7,530.11	526	526
20/06/2018       As above       Buy       10,464.85       731       731         20/06/2018       As above       Buy       47,456.88       3,315       3,315         20/06/2018       As above       Buy       24,451.39       1,708       1,708         20/06/2018       As above       Buy       81,242.17       5,675       5,675         20/06/2018       As above       Buy       173,336.52       12,054       12,054         20/06/2018       As above       Buy       2,516.50       175       175         20/06/2018       As above       Buy       8,671.14       603       603         20/06/2018       As above       Buy       48,288.04       3,358       3,358         20/06/2018       As above       Buy       3,508.72       244       244         20/06/2018       As above       Buy       15,889.90       1,105       1,105         20/06/2018       As above       Buy       8,182.22       569       569						,
20/06/2018         As above         Buy         47,456.88         3,315         3,315           20/06/2018         As above         Buy         24,451.39         1,708         1,708           20/06/2018         As above         Buy         81,242.17         5,675         5,675           20/06/2018         As above         Buy         173,336.52         12,054         12,054           20/06/2018         As above         Buy         2,516.50         175         175           20/06/2018         As above         Buy         8,671.14         603         603           20/06/2018         As above         Buy         48,288.04         3,358         3,358           20/06/2018         As above         Buy         3,508.72         244         244           20/06/2018         As above         Buy         15,889.90         1,105         1,105           20/06/2018         As above         Buy         8,182.22         569         569			,			
20/06/2018       As above       Buy       24,451.39       1,708       1,708         20/06/2018       As above       Buy       81,242.17       5,675       5,675         20/06/2018       As above       Buy       173,336.52       12,054       12,054         20/06/2018       As above       Buy       2,516.50       175       175         20/06/2018       As above       Buy       8,671.14       603       603         20/06/2018       As above       Buy       48,288.04       3,358       3,358         20/06/2018       As above       Buy       3,508.72       244       244         20/06/2018       As above       Buy       15,889.90       1,105       1,105         20/06/2018       As above       Buy       8,182.22       569       569						
20/06/2018     As above     Buy     81,242.17     5,675     5,675       20/06/2018     As above     Buy     173,336.52     12,054     12,054       20/06/2018     As above     Buy     2,516.50     175     175       20/06/2018     As above     Buy     8,671.14     603     603       20/06/2018     As above     Buy     48,288.04     3,358     3,358       20/06/2018     As above     Buy     3,508.72     244     244       20/06/2018     As above     Buy     15,889.90     1,105     1,105       20/06/2018     As above     Buy     8,182.22     569     569			,			
20/06/2018     As above     Buy     173,336.52     12,054     12,054       20/06/2018     As above     Buy     2,516.50     175     175       20/06/2018     As above     Buy     8,671.14     603     603       20/06/2018     As above     Buy     48,288.04     3,358     3,358       20/06/2018     As above     Buy     3,508.72     244     244       20/06/2018     As above     Buy     15,889.90     1,105     1,105       20/06/2018     As above     Buy     8,182.22     569     569			,			
20/06/2018     As above     Buy     2,516.50     175     175       20/06/2018     As above     Buy     8,671.14     603     603       20/06/2018     As above     Buy     48,288.04     3,358     3,358       20/06/2018     As above     Buy     3,508.72     244     244       20/06/2018     As above     Buy     15,889.90     1,105     1,105       20/06/2018     As above     Buy     8,182.22     569     569					,	
20/06/2018     As above     Buy     48,288.04     3,358       20/06/2018     As above     Buy     3,508.72     244     244       20/06/2018     As above     Buy     15,889.90     1,105     1,105       20/06/2018     As above     Buy     8,182.22     569     569	20/06/2018	As above	Buy	2,516.50	175	175
20/06/2018     As above     Buy     3,508.72     244     244       20/06/2018     As above     Buy     15,889.90     1,105     1,105       20/06/2018     As above     Buy     8,182.22     569     569						
20/06/2018 As above     Buy     15,889.90     1,105     1,105       20/06/2018 As above     Buy     8,182.22     569     569			,			
20/06/2018 As above Buy 8,182.22 569 569				- ,		

	Holder of relevant			Number of	Person's Votes
Date of Change	interest	Nature of Change	Consideration	Securities	Affected
21/06/2018	As above	Buy	372,419.50	25,721	25,721
21/06/2018	As above	Buy	5,429.70	375	375
21/06/2018	As above	Buy	18,605.77	1,285	1,285
21/06/2018		Buy	103,757.95	7,166	7,166
21/06/2018		Buy	7,514.70	519	519
21/06/2018	As above	Buy	34,141.95	2,358	2,358
21/06/2018	As above	Buy	17,592.23	1,215	1,215
21/06/2018	As above	Buy	58,438.05	4,036	4,036
22/06/2018	As above	Buy	35,510.50	2,449	2,449
22/06/2018		Buy	522	36	36
22/06/2018	As above	Buy	1,769.00	122	122
22/06/2018	As above	Buy	9,889.00	682	682
22/06/2018	As above	Buy	710.5	49	49
22/06/2018	As above	Buy	3,248.00	224	224
22/06/2018	As above	Buy	1,682.00	116	116
22/06/2018		Buy	5,568.00	384	384
26/06/2018	As above	Buy	561,553.82	38,577	38,577
26/06/2018		Buy	8,166.31	561	561
26/06/2018		Buy	28,079.87	1,929	1,929
26/06/2018	As above	Buy	156,469.97	10,749	10,749
26/06/2018		Buy	11,354.23	780	780
26/06/2018	As above	Buy	51,501.60	3,538	3,538
26/06/2018	As above	Buy	26,507.75	1,821	1,821
26/06/2018	As above	Buy	88,126.26	6,054	6,054
12/07/2018	As above	Buy	7,055.91	499	499
16/07/2018	As above	Buy	47,691.76	3,364	3,364
16/07/2018	As above	Buy	270,286.41	19,065	19,065
17/07/2018	As above	Buy	742,707.11	52,467	52,467
17/07/2018		Buy	565,775.02	39,968	39,968
17/07/2018	As above	Buy	376,145.26	26,572	26,572
17/07/2018		Buy	609,105.62	43,029	43,029
17/07/2018	As above	Buy	1,083,746.24	76,559	76,559
17/07/2018		Buy	531,702.25	37,561	37,561
17/07/2018		Buy	606,472.66	42,843	42,843
17/07/2018	As above	Buy	1,728,170.32	122,083	122,083
17/07/2018	As above	Buy	105,927.10	7,483	7,483

**Total Number of Securities** 

4,934,172

This is page 1 of 5 of Annexure 2 referred to in ASIC Form 603 - Notice of initial substantial holder



Andrew Brown - Company Secretary of Challenger Limited

Company Name	ACN / Company No.	Country of Incorporation
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
ALLFINE HOLDINGS PTY LTD	100 231 918	AUSTRALIA
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 DPG FRANCE SAS	495 390 392	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 JERSEY I3 LIMITED	95120	JERSEY

This is page 2 of 5 of Annexure 2 referred to in ASIC Form 603 - Notice of initial substantial holder



Andrew Brown - Company Secretary of Challenger Limited

CHALLENGER KABUSHIKI KAISHA  CHALLENGER LBC TERMINALS HOLDING COMPANY LIMITED  CA11149  MALTA  CHALLENGER LBC TERMINALS LIMITED  CA1150  MALTA  CHALLENGER LIFE CDI NOMINEES PTY LTD  O55 293 644  AUSTRALIA  CHALLENGER LIFE COMPANY HOLDINGS PTY LTD  O63 381 193  AUSTRALIA  CHALLENGER LIFE COMPANY HOLDINGS PTY LTD  O72 486 938  AUSTRALIA  CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED  O7626067  ENGLANDWALES  CHALLENGER LIFE FUND PROPERTY INVESTMENTS PTY LTD  O766067  ENGLANDWALES  CHALLENGER LIFE INVESTMENTS UK LIMITED  CHALLENGER LIFE INVESTMENTS UK LIMITED  CHALLENGER LIFE NOMINEES NO.2 PTY LTD  O78 627 013  AUSTRALIA  CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  O78 627 013  AUSTRALIA  CHALLENGER LIFE NOMINEES PTY LTD  O78 627 013  AUSTRALIA  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  O79 362 7013  AUSTRALIA  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  O91 336 793  AUSTRALIA  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  O99 742 122  AUSTRALIA  CHALLENGER LIMITED  CHALLENGER LIMITED  O99 742 122  AUSTRALIA  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  B124891  LUXEMBOURG  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  O6393787  ENGLANDWALES  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  O91 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  O91 338 822  AUSTRALIA  CHALLENGER MBK FUND MANAGEMENT PTY LTD  O81 338 822  AUSTRALIA  CHALLENGER MBK FUND MANAGEMENT PTY LTD  O81 328 7271 109  AUSTRALIA
CHALLENGER LIFE CDI NOMINEES PTY LTD  CHALLENGER LIFE CDI NOMINEES PTY LTD  CHALLENGER LIFE COMPANY HOLDINGS PTY LTD  O06 381 193  AUSTRALIA  CHALLENGER LIFE COMPANY HOLDINGS PTY LTD  O06 381 193  AUSTRALIA  CHALLENGER LIFE COMPANY LIMITED  O72 486 938  AUSTRALIA  CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED  O7626067  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  105145  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  099 742 122  AUSTRALIA  CHALLENGER LIMITED  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  106 393787  ENGLAND/WALES  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  091 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  091 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  091 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  091 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  091 338 822  AUSTRALIA  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
CHALLENGER LIFE CDI NOMINEES PTY LTD  CHALLENGER LIFE COMPANY HOLDINGS PTY LTD  O06 381 193  AUSTRALIA  CHALLENGER LIFE COMPANY LIMITED  O72 486 938  AUSTRALIA  CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED  O7626067  ENGLAND/WALES  CHALLENGER LIFE FUND PROPERTY INVESTMENTS PTY LTD  161 212 693  AUSTRALIA  CHALLENGER LIFE INVESTMENTS UK LIMITED  CHALLENGER LIFE INVESTMENTS UK LIMITED  CHALLENGER LIFE NOMINEES NO.2 PTY LTD  O78 627 013  AUSTRALIA  CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  O78 627 013  AUSTRALIA  CHALLENGER LIFE NOMINEES PTY LTD  O91 336 793  AUSTRALIA  CHALLENGER LIFE NOMINEES PTY LTD  O91 336 793  AUSTRALIA  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  O91 336 793  AUSTRALIA  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  O99 742 122  AUSTRALIA  CHALLENGER LIMITED  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  O6393787  ENGLAND/WALES  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  O91 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  O91 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  O91 338 822  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  O91 338 822  AUSTRALIA  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  WK-209744  CAYMAN ISLANDS  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  O0804360M  SINGAPORE
CHALLENGER LIFE COMPANY HOLDINGS PTY LTD  O06 381 193 AUSTRALIA CHALLENGER LIFE COMPANY LIMITED  O72 486 938 AUSTRALIA CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED  O7626067 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 OFFSHORE INVESTMENTS LIMITED  105145 JERSEY CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  099 742 122 AUSTRALIA CHALLENGER LIMITED  106 842 371 AUSTRALIA CHALLENGER LUXEMBOURG HOLDING NO.1A SARL CHALLENGER LUXEMBOURG HOLDING NO.1B SARL CHALLENGER LUXEMBOURG HOLDING NO.2 SARL CHALLENGER LUXEMBOURG HOLDING NO.2 SARL 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 LIFE COMPANY LIMITED  CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED  CHALLENGER LIFE FUND PROPERTY INVESTMENTS PTY LTD  CHALLENGER LIFE FUND PROPERTY INVESTMENTS PTY LTD  CHALLENGER LIFE FUND PROPERTY INVESTMENTS PTY LTD  CHALLENGER LIFE INVESTMENTS UK LIMITED  CHALLENGER LIFE NOMINEES NO.2 PTY LTD  CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  CHALLENGER LIFE NOMINEES PTY LTD  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  CHALLENGER LIMITED  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  WK-209744  CAYMAN ISLANDS  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
CHALLENGER LIFE DEBT INVESTMENTS (EUROPE) LIMITED  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 OFFSHORE INVESTMENTS LIMITED  105145  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  099 742 122  AUSTRALIA  CHALLENGER LIMITED  106 842 371  AUSTRALIA  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  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 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 OFFSHORE INVESTMENTS LIMITED 105145 JERSEY CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED 099 742 122 AUSTRALIA CHALLENGER LIMITED 106 842 371 AUSTRALIA CHALLENGER LUXEMBOURG HOLDING NO.1A SARL CHALLENGER LUXEMBOURG HOLDING NO.1B SARL CHALLENGER LUXEMBOURG HOLDING NO.2 SARL CHALLENGER LUXEMBOURG HOLDING NO.2 SARL 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 LIFE INVESTMENTS UK LIMITED  CHALLENGER LIFE NOMINEES NO.2 PTY LTD  O78 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 OFFSHORE INVESTMENTS LIMITED  105145  JERSEY  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  099 742 122  AUSTRALIA  CHALLENGER LIMITED  106 842 371  AUSTRALIA  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  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 LIFE NOMINEES NO.2 PTY LTD  CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  CHALLENGER LIFE NOMINEES PTY LTD  O91 336 793  AUSTRALIA  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  CHALLENGER LIMITED  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  O91 338 822  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  O8004360M  SINGAPORE
CHALLENGER LIFE NOMINEES NO.3 PTY LIMITED  CHALLENGER LIFE NOMINEES PTY LTD  O91 336 793  AUSTRALIA  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  CHALLENGER LIMITED  O99 742 122  AUSTRALIA  CHALLENGER LIMITED  O99 742 122  AUSTRALIA  CHALLENGER LIMITED  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
CHALLENGER LIFE NOMINEES PTY LTD  CHALLENGER LIFE OFFSHORE INVESTMENTS LIMITED  105145  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  099 742 122  AUSTRALIA  CHALLENGER LIMITED  106 842 371  AUSTRALIA  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  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 LIFE OFFSHORE INVESTMENTS LIMITED  CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  O99 742 122  AUSTRALIA  CHALLENGER LIMITED  106 842 371  AUSTRALIA  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  O91 338 822  AUSTRALIA  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
CHALLENGER LIFE SUBSIDIARY HOLDINGS PTY LIMITED  CHALLENGER LIMITED  106 842 371  AUSTRALIA  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  B124891  LUXEMBOURG  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  B124889  LUXEMBOURG  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 LIMITED  CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  106 842 371  AUSTRALIA  LUXEMBOURG  LUXEMBOURG  120 871 212  AUSTRALIA  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
CHALLENGER LUXEMBOURG HOLDING NO.1A SARL  CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  LUXEMBOURG  B124891  LUXEMBOURG  LUXEMBOURG  CUXEMBOURG  CUXEMBOURG
CHALLENGER LUXEMBOURG HOLDING NO.1B SARL  CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  D124891  LUXEMBOURG  LUXEMBOURG  AUSTRALIA  06393787  ENGLAND/WALES  O91 338 822  AUSTRALIA  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  WK-209744  CAYMAN ISLANDS  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
CHALLENGER LUXEMBOURG HOLDING NO.2 SARL  CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  B124889  LUXEMBOURG  AUSTRALIA  CHALLENGER MARGIN LENDING PTY LTD  06393787  ENGLAND/WALES  AUSTRALIA  CAYMAN ISLANDS  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
CHALLENGER MANAGED INVESTMENTS (INTERNATIONAL) PTY LIMITED  CHALLENGER MANAGEMENT SERVICES (UK) LIMITED  CHALLENGER MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  120 871 212  AUSTRALIA  06393787  ENGLAND/WALES  091 338 822  AUSTRALIA  CAYMAN ISLANDS  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  200804360M  SINGAPORE
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 MARGIN LENDING PTY LTD  CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD  CHALLENGER MBK FUND MANAGEMENT PTE. LTD  O91 338 822  AUSTRALIA  CAYMAN ISLANDS  200804360M  SINGAPORE
CHALLENGER MBK EMERGING MARKET INFRASTRUCTURE FUND GP LTD WK-209744 CAYMAN ISLANDS CHALLENGER MBK FUND MANAGEMENT PTE. LTD 200804360M SINGAPORE
CHALLENGER MBK FUND MANAGEMENT PTE. LTD 200804360M SINGAPORE
CHALLENGER MORTGAGE MANAGEMENT PTY LTD 087 271 109 ALISTRALIA
7001171217
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 (CAPITAL II) INVESTMENT LLP OC338355 ENGLAND/WALES
CHALLENGER SKYBRIDGE (GP HOLDINGS) INVESTMENT LLP OC338388 ENGLAND/WALES
CHALLENGER SKYBRIDGE (GROUP) HOLDING COMPANY PTY LTD 130 888 327 AUSTRALIA
CHALLENGER SKYBRIDGE (HASTINGS) HOLDING COMPANY PTY LTD 130 888 274 AUSTRALIA
CHALLENGER SKYBRIDGE (HASTINGS) INVESTMENT LLP OC338387 ENGLAND/WALES
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

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Andrew Brown - Company Secretary of Challenger Limited

Company Name	ACN / Company No.	Country of Incorporation
CSPP1 MAVIS COURT PTY LTD	122 461 983	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 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

This is page 4 of 5 of Annexure 2 referred to in ASIC Form 603 - Notice of initial substantial holder



Andrew Brown - Company Secretary of Challenger Limited

Company Name	ACN / Company No.	Country of Incorporation
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
MAVIS COURT DEVELOPMENT CO PTY LTD	124 112 956	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
METISQ CAPITAL PTY LTD	104 642 613	AUSTRALIA
METISQ CAPITAL SINGAPORE PTE. LTD.	200604549G	SINGAPORE
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
TALAVERA HERRING PTY LIMITED	086 068 984	AUSTRALIA
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

This is page 5 of 5 of Annexure 2 referred to in ASIC Form 603 - Notice of initial substantial holder

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Andrew Brown - Company Secretary of Challenger Limited

Company Name	ACN / Company No.	Country of Incorporation
WELCOME BREAK NO.3 LIMITED	08331918	ENGLAND/WALES
WELCOME BREAK SERVICES LIMITED	04099292	ENGLAND/WALES
WYETREE FUNDS PLC	520464	IRELAND