

This is Annexure A of 21 pages referred to in ASIC Form 603 (Notice of Initial Substantial Holder) lodged by Affinity Managed Accounts.

The annexed contract is a true copy of the current standard Managed Discretionary Account client contract of Investment Administration Services Pty Ltd.



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Dated: 5th December 2017

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder****To** Company Name/Scheme Centuria Capital Group (CNI)

ACN/ARSN 613 856 358

1. Details of substantial holder (1)

Name Affinity Managed Accounts (Affinity)

ACN/ARSN (if applicable) ACN 133 479 115

The holder became a substantial holder on 01 December 2017

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	Person's votes (5)	Voting power (6)
Ordinary shares	16,634,022 (as at date of this notice)	16,634,022 (as at date of this notice)	5.99% (as at date of this notice)

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
Affinity	<p>Relevant interest through Managed Discretionary Account (MDA) service for clients of Investment Administration Services Pty Ltd CAN 109 199 108 (IAS). The standard IAS MDA client contract is annexed as Annexure A (refer clause 4).</p> <p>Affinity is one of the investment managers appointed by IAS to manage clients' portfolios under the IAS MDA service. IAS delegates its investment management powers under the annexed client contract to Affinity and in practice these powers are exercised by Affinity in accordance with an Investment Management Agreement.</p>	16,634,022 ordinary shares (as at the date of this notice)

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
Affinity	HSBC Custody Nominees (Australia) Limited (held as nominee for IAS Managed Discretionary Account clients)	HSBC Custody Nominees (Australia) Limited (held as nominee for IAS Managed Discretionary Account clients)	16,634,022 ordinary shares

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	
Affinity	All relevant dates of acquisitions	Affinity receives fees and charges for managing the portfolios of clients under the IAS MDA service.		All acquisitions of relevant interests through Managed Discretionary Account service

6. Associates

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

7. Addresses

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

Name	Address
Affinity Managed Accounts	Level 9, 60 Carrington Street, Sydney, NSW, 2000.
HSBC Custody Nominees (Australia) Limited	GPO Box 5302, Sydney, NSW, 2001

Signature

print name KEITH JONES capacity COMPANY SECRETARY

sign here



Date 5th December 2017

This is Annexure B of 19 pages referred to in ASIC Form 604 (Notice of Change of Interests of Substantial Holder) lodged by Affinity Managed Accounts.



Dated: 5th December 2017

Increases in Relevant Interests in Shares through Managed Discretionary Account service for IAS clients

Trade Date	Settlement Date	Trade Type	Share Price	Quantity of Shares	Consideration	Brokerage & Transaction Fees
10-May-2017	12-May-2017	Buy	1.21	10,204	12,295.82	69.81
10-May-2017	12-May-2017	Buy	1.21	4,081	4,917.61	31.07
11-May-2017	15-May-2017	Buy	1.20	6,250	7,500.00	44.63
10-May-2017	12-May-2017	Buy	1.21	12,396	14,937.18	83.67
11-May-2017	15-May-2017	Buy	1.20	12,500	15,000.00	84.00
11-May-2017	15-May-2017	Buy	1.20	8,333	9,999.60	57.72
11-May-2017	15-May-2017	Buy	1.20	5,416	6,499.20	39.38
11-May-2017	15-May-2017	Buy	1.20	8,333	9,999.60	57.75
10-May-2017	12-May-2017	Buy	1.21	6,198	7,468.59	44.46
10-May-2017	12-May-2017	Buy	1.21	4,081	4,917.61	31.07
11-May-2017	15-May-2017	Buy	1.20	8,333	9,999.60	44.46
10-May-2017	12-May-2017	Buy	1.21	5,714	6,885.37	41.40
11-May-2017	15-May-2017	Buy	1.20	16,666	19,999.20	110.25
10-May-2017	12-May-2017	Buy	1.21	5,785	6,970.93	57.75
11-May-2017	15-May-2017	Buy	1.20	8,333	9,999.60	57.75
11-May-2017	15-May-2017	Buy	1.20	30,989	37,186.80	200.48
11-May-2017	15-May-2017	Buy	1.20	6,250	7,500.00	44.63
10-May-2017	12-May-2017	Buy	1.21	2,974	3,583.67	24.06
11-May-2017	15-May-2017	Buy	1.20	7,347	8,816.40	51.54
11-May-2017	15-May-2017	Buy	1.20	4,166	4,999.20	31.50
11-May-2017	15-May-2017	Buy	1.20	16,666	19,999.20	67.22
10-May-2017	12-May-2017	Buy	1.21	69,640	83,916.20	200.48
11-May-2017	15-May-2017	Buy	1.20	5,272	6,326.40	38.47
11-May-2017	15-May-2017	Buy	1.20	5,946	7,135.20	42.71
10-May-2017	12-May-2017	Buy	1.21	6,938	8,360.29	51.54
10-May-2017	12-May-2017	Buy	1.21	8,163	9,836.42	57.72
10-May-2017	12-May-2017	Buy	1.21	4,081	4,917.61	31.07
10-May-2017	12-May-2017	Buy	1.21	8,264	9,958.12	84.00

10-May-2017	12-May-2017	Buy	1.21	8,163	9,836.42	44.63
10-May-2017	12-May-2017	Buy	1.21	4,132	4,979.06	31.39
10-May-2017	12-May-2017	Buy	1.21	5,371	6,472.06	39.23
11-May-2017	15-May-2017	Buy	1.20	8,333	9,999.60	41.40
10-May-2017	12-May-2017	Buy	1.21	9,795	11,802.98	67.22
10-May-2017	12-May-2017	Buy	1.21	4,081	4,917.61	31.50
11-May-2017	15-May-2017	Buy	1.20	13,784	16,540.80	83.67
10-May-2017	12-May-2017	Buy	1.21	9,216	11,105.28	63.55
11-May-2017	15-May-2017	Buy	1.20	8,333	9,999.60	57.75
10-May-2017	12-May-2017	Buy	1.21	3,513	4,233.17	27.47
10-May-2017	12-May-2017	Buy	1.21	7,024	8,463.92	44.63
11-May-2017	15-May-2017	Buy	1.20	6,250	7,500.00	44.63
12-May-2017	16-May-2017	Buy	1.20	8,368	10,041.60	57.97
10-May-2017	12-May-2017	Buy	1.21	22,857	27,542.69	149.85
11-May-2017	15-May-2017	Buy	1.20	12,500	15,000.00	149.85
10-May-2017	12-May-2017	Buy	1.21	47,812	57,613.46	307.72
12-May-2017	16-May-2017	Buy	1.20	6,694	8,032.80	47.42
17-May-2017	19-May-2017	Buy	1.22	66,783	81,341.69	227.67
18-May-2017	22-May-2017	Buy	1.21	15,571	18,915.65	227.67
16-May-2017	18-May-2017	Buy	1.22	61,893	75,503.27	227.67
19-May-2017	23-May-2017	Buy	1.21	26,748	32,421.25	175.46
22-May-2017	24-May-2017	Buy	1.21	1,666	2,019.69	15.86
22-May-2017	24-May-2017	Buy	1.21	27,148	32,911.52	178.04
15-May-2017	17-May-2017	Buy	1.22	115,753	141,218.66	227.67
01-Jun-2017	05-Jun-2017	Buy	1.21	30,394	36,658.20	69.81
01-Jun-2017	05-Jun-2017	Buy	1.21	1,745	2,104.64	16.30
01-Jun-2017	05-Jun-2017	Buy	1.21	3,545	4,275.62	27.69
15-May-2017	17-May-2017	Buy	1.22	5,362	6,541.64	15.55
02-Jun-2017	06-Jun-2017	Buy	1.21	2,980	3,605.20	41.40
02-Jun-2017	06-Jun-2017	Buy	1.21	4,732	5,724.77	44.63
02-Jun-2017	06-Jun-2017	Buy	1.21	13,486	16,315.36	44.46
02-Jun-2017	06-Jun-2017	Buy	1.21	6,597	7,981.05	57.75
02-Jun-2017	06-Jun-2017	Buy	1.21	2,954	3,573.75	39.38
02-Jun-2017	06-Jun-2017	Buy	1.21	1,626	1,967.13	31.50
02-Jun-2017	06-Jun-2017	Buy	1.21	8,598	10,401.86	31.07
02-Jun-2017	06-Jun-2017	Buy	1.21	4,896	5,923.18	36.35
02-Jun-2017	06-Jun-2017	Buy	1.21	11,600	14,033.68	31.07
05-Jun-2017	07-Jun-2017	Buy	1.20	6,830	8,210.34	48.36
05-Jun-2017	07-Jun-2017	Sell	1.21	1,343	1,618.32	20.95
05-Jun-2017	07-Jun-2017	Buy	1.20	9,536	11,463.23	31.39
05-Jun-2017	07-Jun-2017	Buy	1.20	11,657	14,012.88	39.23
05-Jun-2017	07-Jun-2017	Buy	1.20	1,977	2,376.55	44.63
05-Jun-2017	07-Jun-2017	Sell	1.21	1,801	2,170.21	26.30
05-Jun-2017	07-Jun-2017	Buy	1.20	16,507	19,843.06	84.00
05-Jun-2017	07-Jun-2017	Buy	1.20	11,988	14,410.77	57.75
06-Jun-2017	08-Jun-2017	Buy	1.20	12,940	15,555.17	57.72

06-Jun-2017	08-Jun-2017	Sell	1.21	588	710.30	20.95
06-Jun-2017	08-Jun-2017	Buy	1.20	7,317	8,795.77	51.43
06-Jun-2017	08-Jun-2017	Buy	1.20	14,817	17,811.52	67.22
06-Jun-2017	08-Jun-2017	Buy	1.20	12,710	15,278.69	149.85
06-Jun-2017	08-Jun-2017	Buy	1.20	10,628	12,775.92	110.25
06-Jun-2017	08-Jun-2017	Sell	1.21	789	953.11	26.30
07-Jun-2017	09-Jun-2017	Sell	1.20	477	572.40	20.95
07-Jun-2017	09-Jun-2017	Sell	1.20	641	769.20	26.30
06-Jun-2017	06-Jun-2017	Buy	1.21	8,333	10,057.35	57.73
06-Jun-2017	06-Jun-2017	Sell	1.21	8,333	10,057.35	57.75
06-Jun-2017	06-Jun-2017	Buy	1.00	6,700	6,705.25	57.73
06-Jun-2017	06-Jun-2017	Sell	1.21	11,988	14,491.68	57.75
06-Jun-2017	06-Jun-2017	Sell	1.00	6,700	6,705.25	57.75
06-Jun-2017	06-Jun-2017	Buy	1.21	11,988	14,491.68	57.73
20-Jun-2017	22-Jun-2017	Buy	1.20	4,535	5,445.17	42.71
23-Jun-2017	27-Jun-2017	Buy	1.22	6,269	7,645.67	45.39
23-Jun-2017	27-Jun-2017	Buy	1.22	10,137	12,363.09	48.36
23-Jun-2017	27-Jun-2017	Buy	1.22	11,671	14,233.95	18.54
23-Jun-2017	27-Jun-2017	Buy	1.22	7,290	8,890.88	51.93
23-Jun-2017	27-Jun-2017	Buy	1.22	3,165	3,860.03	25.52
23-Jun-2017	27-Jun-2017	Buy	1.22	6,314	7,700.55	45.68
23-Jun-2017	27-Jun-2017	Buy	1.22	2,989	3,645.38	24.39
23-Jun-2017	27-Jun-2017	Buy	1.22	11,214	13,676.59	77.05
23-Jun-2017	27-Jun-2017	Buy	1.22	3,721	4,538.13	29.08
23-Jun-2017	27-Jun-2017	Buy	1.22	6,023	7,345.65	43.81
23-Jun-2017	27-Jun-2017	Buy	1.22	6,389	7,792.02	46.16
23-Jun-2017	27-Jun-2017	Buy	1.22	4,630	5,646.75	36.35
26-Jun-2017	28-Jun-2017	Buy	1.22	7,883	9,577.85	42.47
23-Jun-2017	27-Jun-2017	Buy	1.22	8,401	10,245.86	59.04
23-Jun-2017	27-Jun-2017	Buy	1.22	7,918	9,656.79	55.95
23-Jun-2017	27-Jun-2017	Buy	1.22	6,956	8,483.54	49.79
23-Jun-2017	27-Jun-2017	Buy	1.22	21,457	26,168.96	142.64
23-Jun-2017	27-Jun-2017	Buy	1.22	18,693	22,797.98	85.00
23-Jun-2017	27-Jun-2017	Buy	1.22	8,127	9,911.69	57.28
23-Jun-2017	27-Jun-2017	Buy	1.22	8,196	9,995.84	57.73
23-Jun-2017	27-Jun-2017	Buy	1.22	3,749	4,572.28	31.07
23-Jun-2017	27-Jun-2017	Buy	1.22	8,221	10,026.33	57.88
23-Jun-2017	27-Jun-2017	Buy	1.22	1,826	2,226.99	16.94
23-Jun-2017	27-Jun-2017	Buy	1.22	2,071	2,525.79	18.51
23-Jun-2017	27-Jun-2017	Buy	1.22	10,568	12,888.73	58.40
23-Jun-2017	27-Jun-2017	Buy	1.22	11,225	13,690.01	31.83
23-Jun-2017	27-Jun-2017	Buy	1.22	8,477	10,338.55	59.53
23-Jun-2017	27-Jun-2017	Buy	1.22	16,754	20,433.18	112.52
23-Jun-2017	27-Jun-2017	Buy	1.22	4,645	5,665.04	16.30
23-Jun-2017	27-Jun-2017	Buy	1.22	8,092	9,869.00	57.06
23-Jun-2017	27-Jun-2017	Buy	1.22	7,894	9,627.52	55.79

23-Jun-2017	27-Jun-2017	Buy	1.22	35,773	43,628.75	178.04
23-Jun-2017	27-Jun-2017	Buy	1.22	2,499	3,047.78	27.47
23-Jun-2017	27-Jun-2017	Buy	1.22	11,541	14,075.40	79.14
26-Jun-2017	28-Jun-2017	Buy	1.22	10,548	12,815.82	72.54
26-Jun-2017	28-Jun-2017	Buy	1.22	6,569	7,981.34	47.15
23-Jun-2017	27-Jun-2017	Buy	1.22	3,698	4,510.08	28.93
23-Jun-2017	27-Jun-2017	Buy	1.22	7,001	8,538.42	63.55
23-Jun-2017	27-Jun-2017	Buy	1.22	4,131	5,038.17	31.70
23-Jun-2017	27-Jun-2017	Buy	1.22	13,016	15,874.31	88.59
23-Jun-2017	27-Jun-2017	Buy	1.22	10,985	13,397.31	75.59
23-Jun-2017	27-Jun-2017	Buy	1.22	20,866	25,448.17	138.85
23-Jun-2017	27-Jun-2017	Buy	1.22	3,278	3,997.85	26.24
23-Jun-2017	27-Jun-2017	Buy	1.22	14,338	17,486.62	97.06
27-Jun-2017	29-Jun-2017	Buy	1.17	12,155	14,226.21	31.83
27-Jun-2017	29-Jun-2017	Buy	1.17	1,992	2,331.44	25.52
27-Jun-2017	29-Jun-2017	Sell	1.17	4,239	4,959.63	27.69
27-Jun-2017	29-Jun-2017	Buy	1.17	8,633	10,104.06	57.97
27-Jun-2017	29-Jun-2017	Buy	1.17	18,634	21,809.23	58.42
27-Jun-2017	29-Jun-2017	Buy	1.17	10,564	12,364.11	70.16
28-Jun-2017	30-Jun-2017	Buy	1.18	467	551.06	25.52
28-Jun-2017	30-Jun-2017	Sell	1.18	7,071	8,323.98	27.69
28-Jun-2017	30-Jun-2017	Buy	1.18	2,847	3,359.46	31.83
28-Jun-2017	30-Jun-2017	Buy	1.18	2,022	2,385.96	57.97
28-Jun-2017	30-Jun-2017	Buy	1.18	2,473	2,918.14	70.16
28-Jun-2017	30-Jun-2017	Buy	1.18	4,364	5,149.52	58.42
29-Jun-2017	03-Jul-2017	Buy	1.19	78	92.82	0.00
29-Jun-2017	03-Jul-2017	Buy	1.19	23	27.37	0.00
29-Jun-2017	03-Jul-2017	Buy	1.19	47	55.93	0.00
28-Jun-2017	30-Jun-2017	Sell	1.18	9,000	10,594.80	0.00
29-Jun-2017	03-Jul-2017	Buy	1.19	55	65.45	0.00
29-Jun-2017	03-Jul-2017	Buy	1.19	124	147.56	0.00
05-Jul-2017	07-Jul-2017	Buy	1.21	417	502.49	0.00
05-Jul-2017	07-Jul-2017	Buy	1.21	833	1,003.77	0.00
05-Jul-2017	07-Jul-2017	Buy	1.21	1,389	1,673.75	0.00
05-Jul-2017	07-Jul-2017	Buy	1.21	2,202	2,653.41	0.00
05-Jul-2017	07-Jul-2017	Buy	1.21	982	1,183.31	0.00
07-Jul-2017	11-Jul-2017	Buy	1.22	4,983	6,055.34	0.00
07-Jul-2017	11-Jul-2017	Buy	1.22	7,043	8,558.65	0.00
07-Jul-2017	11-Jul-2017	Buy	1.22	4,226	5,135.44	0.00
07-Jul-2017	11-Jul-2017	Buy	1.22	11,165	13,567.71	0.00
07-Jul-2017	11-Jul-2017	Buy	1.22	7,719	9,380.13	54.50
07-Jul-2017	11-Jul-2017	Buy	1.22	2,113	2,567.72	0.00
10-Jul-2017	12-Jul-2017	Buy	1.21	4,166	5,040.86	57.06
10-Jul-2017	12-Jul-2017	Buy	1.21	19,586	23,699.06	0.00
10-Jul-2017	12-Jul-2017	Buy	1.21	16,666	20,165.86	111.14
10-Jul-2017	12-Jul-2017	Buy	1.21	4,166	5,040.86	46.16

10-Jul-2017	12-Jul-2017	Buy	1.21	5,416	6,553.36	0.00
12-Jul-2017	14-Jul-2017	Buy	1.21	4,098	4,967.19	0.00
12-Jul-2017	14-Jul-2017	Buy	1.21	2,459	2,980.55	0.00
12-Jul-2017	14-Jul-2017	Buy	1.21	5,000	6,060.50	54.50
14-Jul-2017	18-Jul-2017	Buy	1.21	115	138.58	5.99
14-Jul-2017	18-Jul-2017	Buy	1.21	95	114.48	111.14
18-Jul-2017	20-Jul-2017	Buy	1.22	7,840	9,525.60	111.14
18-Jul-2017	20-Jul-2017	Buy	1.22	9,608	11,673.72	82.89
18-Jul-2017	20-Jul-2017	Buy	1.22	2,959	3,595.19	51.54
18-Jul-2017	20-Jul-2017	Buy	1.22	9,525	11,572.88	5.99
19-Jul-2017	21-Jul-2017	Buy	1.22	6,724	8,169.66	0.00
19-Jul-2017	21-Jul-2017	Buy	1.22	1,100	1,336.50	51.54
19-Jul-2017	21-Jul-2017	Buy	1.22	4,599	5,587.79	0.00
19-Jul-2017	21-Jul-2017	Buy	1.22	1,377	1,673.06	54.50
19-Jul-2017	21-Jul-2017	Buy	1.22	2,916	3,542.94	111.14
19-Jul-2017	21-Jul-2017	Buy	1.22	12,172	14,788.98	82.89
19-Jul-2017	21-Jul-2017	Buy	1.22	3,544	4,305.96	5.99
20-Jul-2017	24-Jul-2017	Buy	1.22	5,261	6,418.42	0.00
20-Jul-2017	24-Jul-2017	Buy	1.22	861	1,050.42	51.54
20-Jul-2017	24-Jul-2017	Buy	1.22	1,077	1,313.94	54.50
20-Jul-2017	24-Jul-2017	Buy	1.22	3,597	4,388.34	0.00
20-Jul-2017	24-Jul-2017	Buy	1.22	2,282	2,784.04	111.14
20-Jul-2017	24-Jul-2017	Buy	1.22	2,772	3,381.84	5.99
20-Jul-2017	24-Jul-2017	Buy	1.22	9,522	11,616.84	82.89
25-Jul-2017	27-Jul-2017	Sell	1.20	46,000	55,200.00	0.00
31-Jul-2017	02-Aug-2017	Buy	1.21	28,925	34,999.25	189.00
01-Aug-2017	03-Aug-2017	Buy	1.22	3,786	4,599.99	29.40
03-Aug-2017	07-Aug-2017	Buy	1.22	35,358	42,977.65	29.40
01-Aug-2017	03-Aug-2017	Buy	1.22	3,781	4,593.92	198.30
07-Aug-2017	09-Aug-2017	Buy	1.21	22,925	27,743.84	78.08
07-Aug-2017	09-Aug-2017	Buy	1.21	25,358	30,688.25	29.40
03-Aug-2017	03-Aug-2017	Sell	1.26	78	98.56	0.00
03-Aug-2017	03-Aug-2017	Buy	1.00	29,000	29,005.25	0.00
03-Aug-2017	03-Aug-2017	Buy	1.22	1,389	1,687.79	0.00
03-Aug-2017	03-Aug-2017	Buy	1.26	78	98.56	0.00
03-Aug-2017	03-Aug-2017	Sell	1.00	29,000	29,005.25	0.00
03-Aug-2017	03-Aug-2017	Sell	1.22	7,043	8,608.83	0.00
03-Aug-2017	03-Aug-2017	Sell	1.22	1,389	1,687.79	0.00
03-Aug-2017	03-Aug-2017	Buy	1.22	7,043	8,608.83	0.00
04-Aug-2017	08-Aug-2017	Buy	1.21	60,632	73,540.55	198.30
08-Aug-2017	10-Aug-2017	Buy	1.21	7,358	8,889.20	175.46
09-Aug-2017	11-Aug-2017	Buy	1.21	5,654	6,859.43	44.63
08-Aug-2017	10-Aug-2017	Buy	1.21	3,449	4,166.74	0.00
09-Aug-2017	11-Aug-2017	Sell	1.23	1,130	1,384.25	0.00
09-Aug-2017	11-Aug-2017	Buy	1.21	3,244	3,935.62	44.63
08-Aug-2017	10-Aug-2017	Sell	1.23	293	358.93	0.00

08-Aug-2017	10-Aug-2017	Buy	1.21	13,000	15,705.30	69.81
08-Aug-2017	10-Aug-2017	Buy	1.22	5,097	6,192.86	0.00
09-Aug-2017	11-Aug-2017	Buy	1.21	2,944	3,571.66	0.00
09-Aug-2017	11-Aug-2017	Buy	1.21	3,142	3,811.87	38.47
09-Aug-2017	11-Aug-2017	Buy	1.21	3,376	4,095.76	31.50
09-Aug-2017	11-Aug-2017	Buy	1.21	5,775	7,006.23	31.39
09-Aug-2017	11-Aug-2017	Buy	1.21	5,494	6,665.32	39.38
09-Aug-2017	11-Aug-2017	Buy	1.21	7,300	8,856.36	44.63
09-Aug-2017	11-Aug-2017	Buy	1.21	5,001	6,067.21	31.07
09-Aug-2017	11-Aug-2017	Buy	1.21	5,364	6,507.60	31.07
09-Aug-2017	11-Aug-2017	Buy	1.21	4,991	6,055.08	39.23
09-Aug-2017	11-Aug-2017	Buy	1.21	5,864	7,114.20	41.40
10-Aug-2017	14-Aug-2017	Sell	1.22	715	872.51	0.00
10-Aug-2017	14-Aug-2017	Buy	1.21	14,943	18,143.79	84.00
09-Aug-2017	11-Aug-2017	Buy	1.21	1,840	2,232.29	0.00
09-Aug-2017	11-Aug-2017	Buy	1.21	8,385	10,172.68	0.00
10-Aug-2017	14-Aug-2017	Buy	1.21	8,000	9,713.60	57.73
10-Aug-2017	14-Aug-2017	Buy	1.21	12,000	14,570.40	110.25
10-Aug-2017	14-Aug-2017	Buy	1.21	13,000	15,784.60	67.22
10-Aug-2017	14-Aug-2017	Sell	1.22	19,021	23,205.62	0.00
10-Aug-2017	14-Aug-2017	Buy	1.21	8,000	9,713.60	57.75
10-Aug-2017	14-Aug-2017	Buy	1.21	10,500	12,749.10	57.72
11-Aug-2017	15-Aug-2017	Sell	1.23	750	918.75	0.00
11-Aug-2017	15-Aug-2017	Buy	1.22	6,478	7,870.77	44.46
14-Aug-2017	16-Aug-2017	Buy	1.22	33	40.10	44.46
14-Aug-2017	16-Aug-2017	Sell	1.23	673	824.43	0.00
15-Aug-2017	17-Aug-2017	Buy	1.22	8,899	10,812.29	44.46
15-Aug-2017	17-Aug-2017	Buy	1.22	5,030	6,111.45	175.46
15-Aug-2017	17-Aug-2017	Buy	1.22	7,563	9,189.05	53.49
15-Aug-2017	17-Aug-2017	Buy	1.22	16,669	20,252.84	149.85
06-Jan-2017	06-Jan-2017	Buy	1.00	26,000	26,005.25	57.06
06-Jan-2017	06-Jan-2017	Buy	1.00	45,000	45,005.27	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	57,000	57,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	11,000	11,005.25	63.55
06-Jan-2017	06-Jan-2017	Buy	1.00	24,500	24,505.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	22,100	22,105.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	5,500	5,505.25	16.30
06-Jan-2017	06-Jan-2017	Buy	1.00	32,000	32,005.25	45.39
06-Jan-2017	06-Jan-2017	Buy	1.00	28,000	28,005.26	59.04
06-Jan-2017	06-Jan-2017	Buy	1.00	29,000	29,005.25	31.83
06-Jan-2017	06-Jan-2017	Buy	1.00	6,700	6,705.25	57.75
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	22,000	22,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	12,000	12,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	15,000	15,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	17,000	17,005.25	47.42

06-Jan-2017	06-Jan-2017	Buy	1.00	5,000	5,005.25	0.00
06-Jan-2017	06-Jan-2017	Sell	1.00	25,000	25,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	500,000	500,005.00	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	28.51
06-Jan-2017	06-Jan-2017	Sell	1.00	21,000	21,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	79,000	79,005.21	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	29,000	29,005.25	58.42
06-Jan-2017	06-Jan-2017	Buy	1.00	52,200	52,205.27	311.65
06-Jan-2017	06-Jan-2017	Buy	1.00	8,000	8,005.25	36.35
06-Jan-2017	06-Jan-2017	Buy	1.00	12,500	12,505.25	26.24
06-Jan-2017	06-Jan-2017	Buy	1.00	5,000	5,005.25	57.75
06-Jan-2017	06-Jan-2017	Buy	1.00	29,000	29,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	31,000	31,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	31,000	31,005.24	18.54
06-Jan-2017	06-Jan-2017	Buy	1.00	40,000	40,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	40,000	40,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	10,000	10,005.25	47.15
06-Jan-2017	06-Jan-2017	Buy	1.00	19,000	19,005.24	178.04
06-Jan-2017	06-Jan-2017	Buy	1.00	6,000	6,005.25	31.07
06-Jan-2017	06-Jan-2017	Buy	1.00	9,000	9,005.25	46.16
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	7,500	7,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	15,000	15,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	15,000	15,005.25	43.81
06-Jan-2017	06-Jan-2017	Buy	1.00	22,800	22,805.24	70.16
06-Jan-2017	06-Jan-2017	Buy	1.00	9,000	9,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	29,500	29,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	25,000	25,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	10,000	10,005.25	44.46
06-Jan-2017	06-Jan-2017	Buy	1.00	5,600	5,605.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	9,000	9,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	15,000	15,005.25	31.70
06-Jan-2017	06-Jan-2017	Buy	1.00	26,000	26,005.25	55.79
06-Jan-2017	06-Jan-2017	Buy	1.00	8,000	8,005.25	44.63
06-Jan-2017	06-Jan-2017	Buy	1.00	24,000	24,005.26	55.95
06-Jan-2017	06-Jan-2017	Buy	1.00	23,000	23,005.24	59.53
06-Jan-2017	06-Jan-2017	Buy	1.00	23,500	23,505.24	57.88
06-Jan-2017	06-Jan-2017	Buy	1.00	8,000	8,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	8,200	8,205.25	20.95
06-Jan-2017	06-Jan-2017	Buy	1.00	12,000	12,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	17,500	17,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	16,000	16,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	15,000	15,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	18,000	18,005.26	51.93
06-Jan-2017	06-Jan-2017	Buy	1.00	10,500	10,505.25	25.52

06-Jan-2017	06-Jan-2017	Buy	1.00	16,500	16,505.25	45.68
06-Jan-2017	06-Jan-2017	Buy	1.00	5,000	5,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	12,000	12,005.26	57.97
06-Jan-2017	06-Jan-2017	Buy	1.00	12,500	12,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	34,000	34,005.24	112.52
06-Jan-2017	06-Jan-2017	Buy	1.00	21,000	21,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	4,800	4,805.25	18.54
06-Jan-2017	06-Jan-2017	Buy	1.00	9,000	9,005.25	24.39
06-Jan-2017	06-Jan-2017	Buy	1.00	90,000	90,005.22	85.00
06-Jan-2017	06-Jan-2017	Buy	1.00	57,000	57,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	16,000	16,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	11,000	11,005.25	26.30
06-Jan-2017	06-Jan-2017	Buy	1.00	8,500	8,505.25	24.06
06-Jan-2017	06-Jan-2017	Buy	1.00	19,000	19,005.24	17.31
06-Jan-2017	06-Jan-2017	Buy	1.00	1,500	1,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	21,000	21,005.25	48.36
06-Jan-2017	06-Jan-2017	Buy	1.00	25,000	25,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	11,000	11,005.25	97.06
06-Jan-2017	06-Jan-2017	Buy	1.00	21,000	21,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	25,000	25,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	26,500	26,505.25	29.08
06-Jan-2017	06-Jan-2017	Buy	1.00	34,000	34,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	82,500	82,505.28	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	41,500	41,505.27	57.28
06-Jan-2017	06-Jan-2017	Buy	1.00	41,000	41,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	49,000	49,005.24	58.42
06-Jan-2017	06-Jan-2017	Buy	1.00	21,000	21,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	5,500	5,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	11,500	11,505.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	12,500	12,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	5,600	5,605.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	75.59
06-Jan-2017	06-Jan-2017	Sell	1.00	500,000	500,005.00	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	23,000	23,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	4,200	4,205.25	16.94
06-Jan-2017	06-Jan-2017	Buy	1.00	37,000	37,005.25	72.54
06-Jan-2017	06-Jan-2017	Buy	1.00	3,400	3,405.25	15.86
06-Jan-2017	06-Jan-2017	Buy	1.00	22,000	22,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	41,000	41,005.25	31.83
06-Jan-2017	06-Jan-2017	Buy	1.00	35,000	35,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	40,000	40,005.24	88.59
06-Jan-2017	06-Jan-2017	Buy	1.00	22,000	22,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	18,500	18,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	500,000	500,005.00	307.72
06-Jan-2017	06-Jan-2017	Buy	1.00	70,000	70,005.25	138.85

06-Jan-2017	06-Jan-2017	Buy	1.00	9,000	9,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	9,500	9,505.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	17,000	17,005.25	0.00
06-Jan-2017	06-Jan-2017	Sell	1.00	40,000	40,005.24	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	27,000	27,005.24	42.47
06-Jan-2017	06-Jan-2017	Buy	1.00	13,000	13,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	24,000	24,005.26	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	13,000	13,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	60,000	60,005.28	142.64
06-Jan-2017	06-Jan-2017	Buy	1.00	16,000	16,005.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	36,000	36,005.26	79.14
06-Jan-2017	06-Jan-2017	Buy	1.00	38,000	38,005.24	77.05
06-Jan-2017	06-Jan-2017	Buy	1.00	11,000	11,005.25	28.93
06-Jan-2017	06-Jan-2017	Buy	1.00	5,000	5,005.25	18.51
06-Jan-2017	06-Jan-2017	Buy	1.00	1,700	1,705.25	0.00
06-Jan-2017	06-Jan-2017	Buy	1.00	21,000	21,005.25	0.00
16-Feb-2017	20-Feb-2017	Buy	1.15	12,534	14,414.10	178.04
01-Mar-2017	03-Mar-2017	Sell	1.12	1,700	1,904.00	0.00
10-Mar-2017	14-Mar-2017	Sell	1.12	5,500	6,132.50	0.00
20-Mar-2017	22-Mar-2017	Buy	1.12	18,933	21,204.96	0.00
05-Apr-2017	07-Apr-2017	Buy	1.15	194,638	223,755.84	15.55
05-Apr-2017	07-Apr-2017	Buy	1.15	40,000	45,984.00	0.00
12-Apr-2017	18-Apr-2017	Buy	1.17	17,094	19,999.98	58.40
12-Apr-2017	18-Apr-2017	Buy	1.17	7,048	8,246.16	42.71
12-Apr-2017	18-Apr-2017	Buy	1.17	5,286	6,184.62	27.69
12-Apr-2017	18-Apr-2017	Buy	1.17	5,726	6,699.42	38.47
12-Apr-2017	18-Apr-2017	Buy	1.17	4,405	5,153.85	27.47
18-Apr-2017	20-Apr-2017	Buy	1.16	37,000	43,101.30	0.00
13-Apr-2017	19-Apr-2017	Buy	1.17	45,000	52,654.50	307.72
09-May-2017	11-May-2017	Buy	1.21	8,368	10,134.48	44.63
09-May-2017	11-May-2017	Buy	1.21	8,368	10,134.48	110.25
18-Apr-2017	20-Apr-2017	Buy	1.16	16,600	19,337.34	58.40
09-May-2017	11-May-2017	Buy	1.21	8,368	10,134.48	39.38
08-Jun-2017	13-Jun-2017	Buy	1.22	4,597	5,586.73	57.75
08-Jun-2017	13-Jun-2017	Buy	1.22	7,725	9,388.19	48.36
08-Jun-2017	13-Jun-2017	Buy	1.22	8,333	10,127.09	58.42
08-Jun-2017	13-Jun-2017	Buy	1.22	4,596	5,585.52	44.63
08-Jun-2017	13-Jun-2017	Buy	1.22	12,500	15,191.25	85.00
08-Jun-2017	13-Jun-2017	Buy	1.22	2,083	2,531.47	18.54
08-Jun-2017	13-Jun-2017	Buy	1.22	2,479	3,012.73	27.69
08-Jun-2017	13-Jun-2017	Buy	1.22	4,850	5,894.21	63.55
08-Jun-2017	13-Jun-2017	Buy	1.22	4,166	5,062.94	31.83
08-Jun-2017	13-Jun-2017	Buy	1.22	6,666	8,101.19	84.00
08-Jun-2017	13-Jun-2017	Buy	1.22	5,431	6,600.29	44.63
08-Jun-2017	13-Jun-2017	Buy	1.22	4,166	5,062.94	31.83
08-Jun-2017	13-Jun-2017	Sell	1.21	5,792	6,979.94	20.95

08-Jun-2017	13-Jun-2017	Buy	1.22	2,974	3,614.30	51.54
08-Jun-2017	13-Jun-2017	Buy	1.22	5,833	7,088.84	42.47
08-Jun-2017	13-Jun-2017	Buy	1.22	5,000	6,076.50	57.75
08-Jun-2017	13-Jun-2017	Buy	1.22	1,889	2,295.70	17.31
08-Jun-2017	13-Jun-2017	Buy	1.22	8,333	10,127.09	58.40
08-Jun-2017	13-Jun-2017	Buy	1.22	5,534	6,725.47	83.67
08-Jun-2017	13-Jun-2017	Buy	1.22	2,083	2,531.47	18.54
08-Jun-2017	13-Jun-2017	Buy	1.22	4,773	5,800.63	41.40
08-Jun-2017	13-Jun-2017	Buy	1.22	3,646	4,430.98	28.51
08-Jun-2017	13-Jun-2017	Buy	1.22	22,857	27,778.11	57.97
08-Jun-2017	13-Jun-2017	Buy	1.22	3,028	3,679.93	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	2,535	3,080.79	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	2,221	2,699.18	38.47
08-Jun-2017	13-Jun-2017	Buy	1.22	64,861	78,825.57	307.72
08-Jun-2017	13-Jun-2017	Buy	1.22	4,969	6,038.83	311.65
08-Jun-2017	13-Jun-2017	Buy	1.22	11,726	14,250.61	69.81
08-Jun-2017	13-Jun-2017	Buy	1.22	4,406	5,354.61	31.07
08-Jun-2017	13-Jun-2017	Buy	1.22	1,910	2,321.22	59.04
08-Jun-2017	13-Jun-2017	Buy	1.22	5,958	7,240.76	44.63
08-Jun-2017	13-Jun-2017	Buy	1.22	2,140	2,600.74	51.43
08-Jun-2017	13-Jun-2017	Buy	1.22	6,018	7,313.68	175.46
08-Jun-2017	13-Jun-2017	Buy	1.22	10,022	12,179.74	110.25
08-Jun-2017	13-Jun-2017	Buy	1.22	2,734	3,322.63	24.06
08-Jun-2017	13-Jun-2017	Buy	1.22	8,333	10,127.09	58.42
08-Jun-2017	13-Jun-2017	Buy	1.22	2,500	3,038.25	88.59
08-Jun-2017	13-Jun-2017	Buy	1.22	4,166	5,062.94	15.86
08-Jun-2017	13-Jun-2017	Buy	1.22	8,333	10,127.09	29.08
08-Jun-2017	13-Jun-2017	Buy	1.22	4,176	5,075.09	138.85
08-Jun-2017	13-Jun-2017	Buy	1.22	4,641	5,640.21	47.42
08-Jun-2017	13-Jun-2017	Buy	1.22	3,694	4,489.32	31.07
08-Jun-2017	13-Jun-2017	Buy	1.22	7,270	8,835.23	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	4,113	4,998.53	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	4,697	5,708.26	39.38
08-Jun-2017	13-Jun-2017	Buy	1.22	1,490	1,810.80	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	10,833	13,165.34	149.85
08-Jun-2017	13-Jun-2017	Buy	1.22	2,749	3,340.86	42.71
08-Jun-2017	13-Jun-2017	Buy	1.22	1,250	1,519.13	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	1,867	2,268.97	77.05
08-Jun-2017	13-Jun-2017	Buy	1.22	1,693	2,057.50	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	3,683	4,475.95	0.00
08-Jun-2017	13-Jun-2017	Sell	1.21	7,769	9,362.42	26.30
08-Jun-2017	13-Jun-2017	Buy	1.22	2,916	3,543.81	31.07
08-Jun-2017	13-Jun-2017	Buy	1.22	3,649	4,434.63	36.35
08-Jun-2017	13-Jun-2017	Buy	1.22	8,333	10,127.09	44.46
08-Jun-2017	13-Jun-2017	Buy	1.22	2,500	3,038.25	31.39
08-Jun-2017	13-Jun-2017	Buy	1.22	4,782	5,811.56	39.23

08-Jun-2017	13-Jun-2017	Buy	1.22	2,337	2,840.16	18.51
08-Jun-2017	13-Jun-2017	Buy	1.22	14,163	17,212.29	178.04
08-Jun-2017	13-Jun-2017	Buy	1.22	10,000	12,153.00	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	4,166	5,062.94	0.00
08-Jun-2017	13-Jun-2017	Buy	1.22	11,353	13,797.30	67.22
08-Jun-2017	13-Jun-2017	Buy	1.22	38,855	47,220.48	200.48
08-Jun-2017	13-Jun-2017	Buy	1.22	2,908	3,534.09	75.59
08-Jun-2017	13-Jun-2017	Buy	1.22	1,771	2,152.30	27.47
08-Jun-2017	13-Jun-2017	Buy	1.22	2,756	3,349.37	31.50
08-Jun-2017	13-Jun-2017	Buy	1.22	7,500	9,114.75	57.72
08-Jun-2017	13-Jun-2017	Buy	1.22	8,333	10,127.09	0.00
09-Jun-2017	14-Jun-2017	Buy	1.22	8,196	9,999.12	29.08
15-Jun-2017	19-Jun-2017	Sell	1.20	18,500	22,203.70	0.00
15-Jun-2017	19-Jun-2017	Buy	1.21	15,833	19,157.93	29.08
20-Jun-2017	22-Jun-2017	Buy	1.20	26,218	31,479.95	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	7,085	8,506.96	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	3,169	3,805.02	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	3,243	3,893.87	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	18,211	21,865.95	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	2,782	3,340.35	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	9,440	11,334.61	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	5,216	6,262.85	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	4,232	5,081.36	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	4,233	5,082.56	24.06
20-Jun-2017	22-Jun-2017	Buy	1.20	1,716	2,060.40	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	16,169	19,414.12	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	4,443	5,334.71	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	10,007	12,015.40	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	6,216	7,463.55	17.31
20-Jun-2017	22-Jun-2017	Buy	1.20	5,579	6,698.71	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	6,028	7,237.82	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	3,712	4,457.00	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	11,779	14,143.05	28.51
20-Jun-2017	22-Jun-2017	Buy	1.20	5,283	6,343.30	57.75
20-Jun-2017	22-Jun-2017	Buy	1.20	5,562	6,678.29	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	13,023	15,636.72	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	8,032	9,644.02	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	4,209	5,053.75	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	17,033	20,451.52	311.65
20-Jun-2017	22-Jun-2017	Buy	1.20	13,754	16,514.43	0.00
16-Aug-2017	18-Aug-2017	Sell	1.23	7,862	9,636.45	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	11,275	13,537.89	0.00
08-Sep-2017	12-Sep-2017	Buy	1.27	30,516	38,733.96	200.48
08-Sep-2017	12-Sep-2017	Buy	1.27	9,286	11,786.72	83.67
20-Jun-2017	22-Jun-2017	Buy	1.20	8,020	9,629.61	0.00
08-Sep-2017	12-Sep-2017	Buy	1.27	4,365	5,540.49	0.00

08-Sep-2017	12-Sep-2017	Buy	1.27	1,984	2,518.29	15.86
15-Sep-2017	15-Sep-2017	Sell	1.22	12,500	15,276.25	85.00
20-Jun-2017	22-Jun-2017	Buy	1.20	21,527	25,847.47	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	1,843	2,212.89	0.00
15-Sep-2017	15-Sep-2017	Buy	1.22	12,500	15,276.25	0.00
15-Sep-2017	15-Sep-2017	Sell	1.00	90,000	90,005.22	85.00
15-Sep-2017	15-Sep-2017	Buy	1.00	90,000	90,005.22	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	5,444	6,536.61	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	4,976	5,974.68	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	10,109	12,137.88	0.00
20-Jun-2017	22-Jun-2017	Buy	1.20	3,970	4,766.78	0.00
15-Sep-2017	15-Sep-2017	Sell	1.23	18,693	22,922.93	85.00
15-Sep-2017	15-Sep-2017	Buy	1.23	18,693	22,922.93	0.00
26-Sep-2017	28-Sep-2017	Buy	1.32	127	167.01	5.61
27-Sep-2017	29-Sep-2017	Buy	1.38	18,717	25,735.88	5.61
03-Oct-2017	05-Oct-2017	Sell	1.35	8,791	11,902.13	0.00
21-Sep-2017	25-Sep-2017	Buy	1.32	53	69.70	5.61
10-Oct-2017	12-Oct-2017	Buy	1.40	18,194	25,413.38	42.47
10-Oct-2017	12-Oct-2017	Buy	1.40	18,844	26,321.30	5.61
16-Oct-2017	16-Oct-2017	Buy	1.28	4,290	5,491.20	43.81
16-Oct-2017	16-Oct-2017	Buy	1.28	10,076	12,897.28	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	16,189	20,721.92	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	8,814	11,281.92	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,520	7,065.60	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	6,881	8,807.68	57.75
16-Oct-2017	16-Oct-2017	Buy	1.28	12,160	15,564.80	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	12,772	16,348.16	29.08
16-Oct-2017	16-Oct-2017	Sell	1.22	8,333	10,185.51	29.08
16-Oct-2017	16-Oct-2017	Buy	1.22	15,833	19,263.76	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	12,772	16,348.16	0.00
16-Oct-2017	16-Oct-2017	Buy	1.23	8,196	10,056.87	0.00
16-Oct-2017	16-Oct-2017	Buy	1.23	3,721	4,567.21	0.00
16-Oct-2017	16-Oct-2017	Buy	1.00	40,000	40,005.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,517	7,061.76	0.00
16-Oct-2017	16-Oct-2017	Sell	1.28	12,772	16,348.16	29.08
16-Oct-2017	16-Oct-2017	Buy	1.28	12,160	15,564.80	0.00
16-Oct-2017	16-Oct-2017	Sell	1.23	3,721	4,567.21	29.08
16-Oct-2017	16-Oct-2017	Buy	1.00	26,500	26,505.25	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	7,029	8,997.12	0.00
16-Oct-2017	16-Oct-2017	Buy	1.22	8,333	10,185.51	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	4,203	5,379.84	31.07
16-Oct-2017	16-Oct-2017	Buy	1.28	7,819	10,008.32	59.04
16-Oct-2017	16-Oct-2017	Buy	1.28	12,604	16,133.12	44.46
16-Oct-2017	16-Oct-2017	Buy	1.28	9,830	12,582.40	31.83
16-Oct-2017	16-Oct-2017	Buy	1.28	5,646	7,226.88	41.40
16-Oct-2017	16-Oct-2017	Buy	1.28	1,835	2,348.80	0.00

16-Oct-2017	16-Oct-2017	Buy	1.28	7,810	9,996.80	45.39
16-Oct-2017	16-Oct-2017	Buy	1.28	4,172	5,340.16	0.00
16-Oct-2017	16-Oct-2017	Sell	1.21	4,209	5,085.54	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,904	4,997.12	31.70
16-Oct-2017	16-Oct-2017	Buy	1.28	9,410	12,044.80	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,291	4,212.48	25.52
16-Oct-2017	16-Oct-2017	Buy	1.28	9,215	11,795.20	175.46
16-Oct-2017	16-Oct-2017	Buy	1.28	1,831	2,343.68	0.00
16-Oct-2017	16-Oct-2017	Sell	1.00	12,000	12,005.26	0.00
16-Oct-2017	16-Oct-2017	Sell	1.28	3,313	4,240.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,576	4,577.28	31.07
16-Oct-2017	16-Oct-2017	Buy	1.28	23,671	30,298.88	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	10,128	12,963.84	57.28
16-Oct-2017	16-Oct-2017	Buy	1.28	6,302	8,066.56	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	20,516	26,260.48	0.00
16-Oct-2017	16-Oct-2017	Sell	1.00	79,000	79,005.21	0.00
16-Oct-2017	16-Oct-2017	Buy	1.00	79,000	79,005.21	0.00
16-Oct-2017	16-Oct-2017	Buy	1.21	21,527	25,988.43	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	1,405	1,798.40	18.54
16-Oct-2017	16-Oct-2017	Buy	1.28	2,586	3,310.08	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	9,681	12,391.68	57.72
16-Oct-2017	16-Oct-2017	Buy	1.28	4,306	5,511.68	0.00
16-Oct-2017	16-Oct-2017	Sell	1.00	16,000	16,005.25	0.00
16-Oct-2017	16-Oct-2017	Buy	1.00	16,000	16,005.25	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	7,551	9,665.28	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,616	4,628.48	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,381	4,327.68	47.15
16-Oct-2017	16-Oct-2017	Buy	1.00	10,000	10,005.25	0.00
16-Oct-2017	16-Oct-2017	Buy	1.22	6,569	8,028.49	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,011	6,414.08	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,705	7,302.40	49.79
16-Oct-2017	16-Oct-2017	Buy	1.28	5,171	6,618.88	97.06
16-Oct-2017	16-Oct-2017	Buy	1.28	1,230	1,574.40	16.94
16-Oct-2017	16-Oct-2017	Sell	1.28	1,230	1,574.40	16.94
16-Oct-2017	16-Oct-2017	Buy	1.28	16,624	21,278.72	142.64
16-Oct-2017	16-Oct-2017	Buy	1.28	5,532	7,080.96	17.31
16-Oct-2017	16-Oct-2017	Buy	1.28	4,321	5,530.88	36.35
16-Oct-2017	16-Oct-2017	Buy	1.28	7,808	9,994.24	57.06
16-Oct-2017	16-Oct-2017	Buy	1.28	5,194	6,648.32	31.07
16-Oct-2017	16-Oct-2017	Buy	1.28	4,360	5,580.80	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	11,330	14,502.40	88.59
16-Oct-2017	16-Oct-2017	Buy	1.28	11,841	15,156.48	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,470	7,001.60	39.23
16-Oct-2017	16-Oct-2017	Buy	1.28	1,518	1,943.04	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	2,438	3,120.64	0.00
16-Oct-2017	16-Oct-2017	Sell	1.00	12,000	12,005.26	0.00

16-Oct-2017	16-Oct-2017	Sell	1.28	3,308	4,234.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.00	12,000	12,005.26	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	7,619	9,752.32	58.42
16-Oct-2017	16-Oct-2017	Buy	1.28	3,308	4,234.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	6,917	8,853.76	55.79
16-Oct-2017	16-Oct-2017	Buy	1.28	3,213	4,112.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,758	4,810.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	19,396	24,826.88	138.85
16-Oct-2017	16-Oct-2017	Buy	1.28	10,358	13,258.24	112.52
16-Oct-2017	16-Oct-2017	Buy	1.28	1,930	2,470.40	51.43
16-Oct-2017	16-Oct-2017	Buy	1.28	11,772	15,068.16	110.25
16-Oct-2017	16-Oct-2017	Buy	1.28	4,478	5,731.84	31.39
16-Oct-2017	16-Oct-2017	Buy	1.28	1,371	1,754.88	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	8,163	10,448.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.00	4,200	4,205.25	0.00
16-Oct-2017	16-Oct-2017	Buy	1.23	1,826	2,243.93	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	1,230	1,574.40	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	8,367	10,709.76	83.67
16-Oct-2017	16-Oct-2017	Sell	1.22	5,097	6,214.37	0.00
16-Oct-2017	16-Oct-2017	Buy	1.22	5,097	6,214.37	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	4,306	5,511.68	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,000	3,840.00	28.93
16-Oct-2017	16-Oct-2017	Buy	1.28	10,100	12,928.00	0.00
16-Oct-2017	16-Oct-2017	Sell	1.00	10,000	10,005.25	47.15
16-Oct-2017	16-Oct-2017	Sell	1.22	6,569	8,028.49	47.15
16-Oct-2017	16-Oct-2017	Sell	1.28	3,381	4,327.68	47.15
16-Oct-2017	16-Oct-2017	Buy	1.28	6,514	8,337.92	55.95
16-Oct-2017	16-Oct-2017	Buy	1.28	34,694	44,408.32	200.48
16-Oct-2017	16-Oct-2017	Buy	1.28	1,633	2,090.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,256	4,167.68	5.99
16-Oct-2017	16-Oct-2017	Buy	1.28	4,138	5,296.64	42.71
16-Oct-2017	16-Oct-2017	Buy	1.28	4,679	5,989.12	78.08
16-Oct-2017	16-Oct-2017	Buy	1.28	13,146	16,826.88	198.30
16-Oct-2017	16-Oct-2017	Buy	1.28	5,903	7,555.84	189.00
16-Oct-2017	16-Oct-2017	Buy	1.28	1,543	1,975.04	53.49
16-Oct-2017	16-Oct-2017	Buy	1.28	53,060	67,916.80	227.67
16-Oct-2017	16-Oct-2017	Buy	1.28	3,763	4,816.64	24.06
16-Oct-2017	16-Oct-2017	Buy	1.28	15,422	19,740.16	149.85
16-Oct-2017	16-Oct-2017	Buy	1.28	4,710	6,028.80	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	10,495	13,433.60	28.51
16-Oct-2017	16-Oct-2017	Buy	1.28	13,394	17,144.32	67.22
16-Oct-2017	16-Oct-2017	Buy	1.28	5,943	7,607.04	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	13,164	16,849.92	29.40
16-Oct-2017	16-Oct-2017	Buy	1.28	7,314	9,361.92	70.16
16-Oct-2017	16-Oct-2017	Buy	1.28	2,427	3,106.56	16.30
16-Oct-2017	16-Oct-2017	Buy	1.28	3,991	5,108.48	46.16

16-Oct-2017	16-Oct-2017	Sell	1.28	12,160	15,564.80	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	6,544	8,376.32	63.55
16-Oct-2017	16-Oct-2017	Buy	1.28	6,424	8,222.72	59.53
16-Oct-2017	16-Oct-2017	Buy	1.22	19,586	23,828.74	0.00
16-Oct-2017	16-Oct-2017	Sell	1.00	26,500	26,505.25	29.08
16-Oct-2017	16-Oct-2017	Buy	1.28	9,133	11,690.24	18.54
16-Oct-2017	16-Oct-2017	Buy	1.28	134,218	171,799.04	307.72
16-Oct-2017	16-Oct-2017	Buy	1.28	12,016	15,380.48	84.00
16-Oct-2017	16-Oct-2017	Sell	1.22	15,833	19,263.76	29.08
16-Oct-2017	16-Oct-2017	Sell	1.23	8,196	10,056.87	29.08
16-Oct-2017	16-Oct-2017	Buy	1.28	7,347	9,404.16	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	8,820	11,289.60	57.73
16-Oct-2017	16-Oct-2017	Buy	1.28	9,325	11,936.00	48.36
16-Oct-2017	16-Oct-2017	Buy	1.28	16,394	20,984.32	58.42
16-Oct-2017	16-Oct-2017	Buy	1.28	6,127	7,842.56	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,308	4,234.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,496	7,034.88	39.38
16-Oct-2017	16-Oct-2017	Buy	1.28	2,447	3,132.16	24.39
16-Oct-2017	16-Oct-2017	Sell	1.21	4,232	5,113.29	0.00
16-Oct-2017	16-Oct-2017	Buy	1.21	4,232	5,113.29	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	7,347	9,404.16	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	1,519	1,944.32	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	306	391.68	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	2,573	3,293.44	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,339	4,273.92	38.47
16-Oct-2017	16-Oct-2017	Buy	1.28	4,381	5,607.68	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	15,143	19,383.04	311.65
16-Oct-2017	16-Oct-2017	Buy	1.28	5,161	6,606.08	51.93
16-Oct-2017	16-Oct-2017	Sell	1.00	40,000	40,005.24	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	6,588	8,432.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	7,047	9,020.16	44.63
16-Oct-2017	16-Oct-2017	Buy	1.28	3,266	4,180.48	31.50
16-Oct-2017	16-Oct-2017	Sell	1.00	4,200	4,205.25	16.94
16-Oct-2017	16-Oct-2017	Buy	1.28	3,220	4,121.60	26.24
16-Oct-2017	16-Oct-2017	Buy	1.28	1,920	2,457.60	18.51
16-Oct-2017	16-Oct-2017	Buy	1.28	7,655	9,798.40	0.00
16-Oct-2017	16-Oct-2017	Sell	1.28	4,306	5,511.68	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	9,704	12,421.12	72.54
16-Oct-2017	16-Oct-2017	Buy	1.28	8,309	10,635.52	42.47
16-Oct-2017	16-Oct-2017	Buy	1.28	2,289	2,929.92	15.86
16-Oct-2017	16-Oct-2017	Buy	1.28	6,190	7,923.20	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	11,508	14,730.24	31.83
16-Oct-2017	16-Oct-2017	Buy	1.28	40,816	52,244.48	15.55
16-Oct-2017	16-Oct-2017	Buy	1.28	6,081	7,783.68	111.14
16-Oct-2017	16-Oct-2017	Buy	1.28	3,857	4,936.96	5.61
16-Oct-2017	16-Oct-2017	Buy	1.28	24,733	31,658.24	0.00

16-Oct-2017	16-Oct-2017	Buy	1.28	1,837	2,351.36	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	4,737	6,063.36	57.75
16-Oct-2017	16-Oct-2017	Buy	1.28	13,331	17,063.68	69.81
16-Oct-2017	16-Oct-2017	Sell	1.22	19,586	23,828.74	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	9,702	12,418.56	79.14
16-Oct-2017	16-Oct-2017	Buy	1.28	4,526	5,793.28	51.54
16-Oct-2017	16-Oct-2017	Sell	1.23	1,826	2,243.93	16.94
16-Oct-2017	16-Oct-2017	Buy	1.28	22,167	28,373.76	178.04
16-Oct-2017	16-Oct-2017	Buy	1.28	3,104	3,973.12	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	4,656	5,959.68	45.68
16-Oct-2017	16-Oct-2017	Buy	1.28	5,437	6,959.36	44.63
16-Oct-2017	16-Oct-2017	Buy	1.28	3,313	4,240.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.00	12,000	12,005.26	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,313	4,240.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	5,719	7,320.32	44.63
16-Oct-2017	16-Oct-2017	Buy	1.28	5,783	7,402.24	47.42
16-Oct-2017	16-Oct-2017	Buy	1.28	2,487	3,183.36	27.47
16-Oct-2017	16-Oct-2017	Buy	1.28	10,425	13,344.00	77.05
16-Oct-2017	16-Oct-2017	Buy	1.28	11,174	14,302.72	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	14,932	19,112.96	0.00
16-Oct-2017	16-Oct-2017	Buy	1.21	4,209	5,085.54	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	8,038	10,288.64	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	3,381	4,327.68	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	6,571	8,410.88	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	6,474	8,286.72	57.88
16-Oct-2017	16-Oct-2017	Buy	1.28	3,357	4,296.96	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	9,589	12,273.92	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	10,734	13,739.52	58.40
16-Oct-2017	16-Oct-2017	Buy	1.28	3,097	3,964.16	54.50
16-Oct-2017	16-Oct-2017	Buy	1.28	6,388	8,176.64	82.89
30-Oct-2017	01-Nov-2017	Buy	1.42	29,629	42,150.22	226.54
16-Oct-2017	16-Oct-2017	Buy	1.28	5,516	7,060.48	0.00
16-Oct-2017	16-Oct-2017	Sell	1.21	21,527	25,988.43	0.00
16-Oct-2017	16-Oct-2017	Sell	1.28	20,516	26,260.48	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	20,516	26,260.48	0.00
16-Oct-2017	16-Oct-2017	Buy	1.28	10,182	13,032.96	75.59
16-Oct-2017	16-Oct-2017	Buy	1.28	10,996	14,074.88	57.97
31-Oct-2017	02-Nov-2017	Sell	1.46	5,411	7,900.06	0.00
13-Nov-2017	15-Nov-2017	Buy	1.45	22,491	32,499.50	175.88
06-Nov-2017	08-Nov-2017	Buy	1.45	1,008	1,461.60	62.19
14-Nov-2017	16-Nov-2017	Sell	1.44	12,413	17,874.72	28.51
15-Nov-2017	17-Nov-2017	Sell	1.44	29,529	42,521.76	28.51
07-Nov-2017	09-Nov-2017	Buy	1.45	7,480	10,846.00	62.19
16-Nov-2017	20-Nov-2017	Sell	1.44	1,145	1,648.80	28.51
20-Nov-2017	22-Nov-2017	Sell	1.44	18,833	27,119.52	28.51
20-Nov-2017	22-Nov-2017	Sell	1.44	18,956	27,296.64	0.00

28-Nov-2017	28-Nov-2017	Buy	0.50	6,987	3,498.82	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	8,425	8,282.76	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	253,881	248,922.96	0.00
27-Nov-2017	27-Nov-2017	Buy	0.64	7,591	4,851.41	0.00
27-Nov-2017	27-Nov-2017	Buy	0.98	6,872	6,738.00	0.00
08-Nov-2017	10-Nov-2017	Sell	1.42	2,134	3,030.28	0.00
27-Nov-2017	27-Nov-2017	Buy	1.26	45,825	57,882.34	0.00
27-Nov-2017	27-Nov-2017	Buy	0.70	200,000	140,100.00	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	5,092	6,431.79	0.00
27-Nov-2017	27-Nov-2017	Buy	0.98	221,564	217,243.50	0.00
28-Nov-2017	28-Nov-2017	Buy	0.70	100,000	70,076.10	0.00
27-Nov-2017	27-Nov-2017	Buy	0.50	13,973	6,993.49	0.00
28-Nov-2017	28-Nov-2017	Buy	0.70	100,000	70,191.50	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	49,898	63,027.01	0.00
06-Nov-2017	08-Nov-2017	Sell	1.44	10,837	15,605.28	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	5,092	6,431.79	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	372,784	365,693.65	0.00
28-Nov-2017	28-Nov-2017	Buy	0.68	3,493	2,382.73	0.00
28-Nov-2017	28-Nov-2017	Buy	0.78	14,174	11,069.61	0.00
28-Nov-2017	28-Nov-2017	Buy	0.78	32,813	25,626.26	0.00
28-Nov-2017	28-Nov-2017	Buy	0.50	16,011	8,013.04	0.00
28-Nov-2017	28-Nov-2017	Buy	0.85	717	611.21	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	254,583	321,599.68	0.00
28-Nov-2017	28-Nov-2017	Buy	0.66	6,239	4,123.85	0.00
28-Nov-2017	28-Nov-2017	Buy	0.64	3,795	2,426.38	0.00
28-Nov-2017	28-Nov-2017	Buy	0.70	100,000	70,098.00	0.00
28-Nov-2017	28-Nov-2017	Buy	0.68	157,907	107,605.57	0.00
28-Nov-2017	28-Nov-2017	Buy	0.50	6,987	3,506.88	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	110,782	108,778.51	0.00
28-Nov-2017	28-Nov-2017	Buy	1.20	16,575	19,945.96	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	25,458	32,156.43	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	28,436	27,888.92	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	110,782	108,650.67	0.00
28-Nov-2017	28-Nov-2017	Buy	0.64	20,937	13,390.89	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	1,063,608	1,043,378.18	0.00
28-Nov-2017	28-Nov-2017	Buy	0.66	10,510	6,985.89	0.00
28-Nov-2017	28-Nov-2017	Buy	0.78	447	349.10	0.00
28-Nov-2017	28-Nov-2017	Buy	1.13	50,000	56,713.30	0.00
28-Nov-2017	28-Nov-2017	Buy	0.64	3,795	2,430.76	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	268,436	263,581.33	0.00
28-Nov-2017	28-Nov-2017	Buy	0.70	100,000	70,047.10	0.00
28-Nov-2017	28-Nov-2017	Buy	0.59	134,075	78,996.99	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	2,238	2,194.30	0.00
28-Nov-2017	28-Nov-2017	Buy	0.98	50,000	49,155.85	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	2,546	3,215.89	0.00
28-Nov-2017	28-Nov-2017	Buy	0.00	424,010	0.00	0.00

29-Nov-2017	29-Nov-2017	Buy	0.98	65,000	63,902.61	0.00
29-Nov-2017	29-Nov-2017	Buy	1.26	6,619	8,360.57	0.00
29-Nov-2017	29-Nov-2017	Buy	1.26	30,550	38,588.22	0.00
29-Nov-2017	29-Nov-2017	Buy	0.98	30,178	29,596.35	0.00
29-Nov-2017	29-Nov-2017	Buy	1.28	4,582	5,864.96	0.00
28-Nov-2017	28-Nov-2017	Buy	1.26	51,935	65,599.98	0.00
28-Nov-2017	28-Nov-2017	Buy	0.64	3,795	2,425.28	0.00
28-Nov-2017	28-Nov-2017	Buy	1.39	20,417	28,382.71	0.00
28-Nov-2017	28-Nov-2017	Buy	0.50	67,075	33,603.23	0.00
28-Nov-2017	28-Nov-2017	Buy	0.78	69,151	54,005.55	0.00
29-Nov-2017	29-Nov-2017	Buy	0.98	200,000	196,623.40	0.00
28-Nov-2017	28-Nov-2017	Buy	0.62	23,437	14,553.91	0.00
28-Nov-2017	28-Nov-2017	Buy	2.42	125,000	302,475.00	0.00
30-Nov-2017	30-Nov-2017	Buy	0.81	2,485	2,017.08	0.00
30-Nov-2017	30-Nov-2017	Buy	0.82	1,590	1,309.06	0.00
30-Nov-2017	30-Nov-2017	Buy	0.79	2,720	2,151.73	0.00
30-Nov-2017	30-Nov-2017	Buy	0.78	1,714	1,338.76	0.00
29-Nov-2017	29-Nov-2017	Buy	1.26	20,367	25,725.90	0.00
29-Nov-2017	29-Nov-2017	Buy	0.64	2,657	1,698.69	0.00
29-Nov-2017	29-Nov-2017	Buy	0.50	8,508	4,260.18	0.00
29-Nov-2017	29-Nov-2017	Buy	0.00	53,746	0.00	0.00
29-Nov-2017	29-Nov-2017	Buy	0.98	134,911	132,310.73	0.00
30-Nov-2017	30-Nov-2017	Buy	2.56	6,470	16,563.20	0.00
30-Nov-2017	30-Nov-2017	Buy	0.79	22,515	17,811.10	0.00
30-Nov-2017	30-Nov-2017	Buy	0.73	1,786	1,305.71	0.00
30-Nov-2017	30-Nov-2017	Buy	0.73	7,407	5,415.09	0.00
30-Nov-2017	30-Nov-2017	Buy	0.79	7,103	5,593.78	0.00
29-Nov-2017	29-Nov-2017	Buy	1.27	5,091	6,453.42	0.00
29-Nov-2017	29-Nov-2017	Buy	1.34	5,000	6,690.94	0.00
30-Nov-2017	30-Nov-2017	Buy	1.14	20,000	22,701.32	0.00
30-Nov-2017	30-Nov-2017	Buy	1.26	17,312	21,867.08	0.00
28-Nov-2017	28-Nov-2017	Buy	0.78	7,698	6,011.98	0.00
29-Nov-2017	29-Nov-2017	Buy	0.99	50,000	49,380.65	0.00
29-Nov-2017	29-Nov-2017	Buy	1.23	25,000	30,788.40	0.00
29-Nov-2017	29-Nov-2017	Buy	1.40	5,000	6,990.66	0.00
29-Nov-2017	29-Nov-2017	Buy	1.40	15,000	21,030.32	0.00
30-Nov-2017	30-Nov-2017	Buy	0.62	23,437	14,556.18	0.00
30-Nov-2017	30-Nov-2017	Buy	0.53	50,000	26,592.85	0.00
30-Nov-2017	30-Nov-2017	Buy	0.54	52,467	28,427.67	0.00
30-Nov-2017	30-Nov-2017	Buy	2.44	37,960	92,673.65	0.00
30-Nov-2017	30-Nov-2017	Buy	2.52	5,000	12,601.25	0.00
30-Nov-2017	30-Nov-2017	Buy	0.70	700,000	490,753.90	0.00
30-Nov-2017	30-Nov-2017	Buy	1.39	25,051	34,752.10	0.00
30-Nov-2017	30-Nov-2017	Buy	0.74	4,756	3,528.25	0.00
30-Nov-2017	30-Nov-2017	Buy	0.78	11,677	9,120.64	0.00
29-Nov-2017	29-Nov-2017	Buy	0.70	70,000	49,050.89	0.00

29-Nov-2017	29-Nov-2017	Buy	0.64	3,795	2,427.87	0.00
29-Nov-2017	29-Nov-2017	Buy	1.30	15,000	19,429.01	0.00
30-Nov-2017	30-Nov-2017	Buy	0.53	2,425	1,287.86	0.00
30-Nov-2017	30-Nov-2017	Buy	2.51	463	1,162.13	0.00
29-Nov-2017	29-Nov-2017	Buy	0.98	78,436	76,957.80	0.00
30-Nov-2017	30-Nov-2017	Buy	1.26	274,949	347,331.52	0.00
30-Nov-2017	30-Nov-2017	Buy	0.50	69,863	35,006.74	0.00
30-Nov-2017	30-Nov-2017	Buy	0.98	150,000	147,467.55	0.00
30-Nov-2017	30-Nov-2017	Buy	2.44	2,040	4,977.60	0.00
30-Nov-2017	30-Nov-2017	Buy	2.51	5,127	12,868.77	0.00
30-Nov-2017	30-Nov-2017	Buy	0.64	37,959	24,281.50	0.00
30-Nov-2017	30-Nov-2017	Buy	0.98	1,107,822	1,086,858.68	0.00
30-Nov-2017	30-Nov-2017	Buy	2.53	9,537	24,084.49	0.00
30-Nov-2017	30-Nov-2017	Buy	2.56	13,403	34,362.93	0.00
30-Nov-2017	30-Nov-2017	Buy	0.79	15,690	12,411.98	0.00
30-Nov-2017	30-Nov-2017	Buy	0.78	557	435.06	0.00
30-Nov-2017	30-Nov-2017	Buy	0.53	11,671	6,237.20	0.00
30-Nov-2017	30-Nov-2017	Buy	0.98	484,356	475,190.53	0.00
29-Nov-2017	29-Nov-2017	Buy	1.26	30,550	38,588.22	0.00
29-Nov-2017	29-Nov-2017	Buy	0.70	100,000	70,115.40	0.00
29-Nov-2017	29-Nov-2017	Buy	0.50	6,987	3,501.57	0.00
29-Nov-2017	29-Nov-2017	Buy	0.98	110,782	108,694.20	0.00